



McDONALD INSTITUTE MONOGRAPHS

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## Fragility, change and resilience of Holocene environments in the Maltese Islands

By Charles French, Chris O. Hunt, Reuben Grima,  
Rowan McLaughlin, Simon Stoddart & Caroline Malone



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the ERC-funded *FRAGSUS Project*

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On the cover: *View towards Nadur lighthouse and Ghajnsielem church  
with the Gozo Channel to Malta beyond, from In-Nuffara (Caroline Malone).*

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## Preface and dedication

Caroline Malone

The *FRAGSUS Project* emerged as the direct result of an invitation to undertake new archaeological fieldwork in Malta in 1985. Anthony Bonanno of the University of Malta organized a conference on ‘The Mother Goddess of the Mediterranean’ in which Colin Renfrew was a participant. The discussions that resulted prompted an invitation that made its way to David Trump (Tutor in Continuing Education, Cambridge University), Caroline Malone (then Curator of the Avebury Keiller Museum) and Simon Stoddart (then a post-graduate researcher in Cambridge). We eagerly took up the invitation to devise a new collaborative, scientifically based programme of research on prehistoric Malta.

What resulted was the original Cambridge Gozo Project (1987–94) and the excavations of the Xagħra Brochtorff Circle and the Ġhajnsielem Road Neolithic house. Both those sites had been found by local antiquarian, Joseph Attard-Tabone, a long-established figure in the island for his work on conservation and site identification.

As this and the two other volumes in this series report, the original Cambridge Gozo Project was the germ of a rich and fruitful academic collaboration that has had international impact, and has influenced successive generations of young archaeologists in Malta and beyond.

As the Principal Investigator of the *FRAGSUS Project*, on behalf of the very extensive *FRAGSUS* team I want to dedicate this the first volume of the series to the enlightened scholars who set up this now 35 year-long collaboration of prehistoric inquiry with our heartfelt thanks for their role in our studies.

We dedicate this volume to:

Joseph Attard Tabone  
Professor Anthony Bonanno  
Professor Lord Colin Renfrew

and offer our profound thanks for their continuing role in promoting the prehistory of Malta.



---

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# Foreword

Anthony Pace

Sustainability, as applied in archaeological research and heritage management, provides a useful perspective for understanding the past as well as the modern conditions of archaeological sites themselves. As often happens in archaeological thought, the idea of sustainability was borrowed from other areas of concern, particularly from the modern construct of development and its bearing on the environment and resource exploitation. The term sustainability entered common usage as a result of the unstoppable surge in resource exploitation, economic development, demographic growth and the human impacts on the environment that has gripped the World since 1500. Irrespective of scale and technology, most human activity of an economic nature has not spared resources from impacts, transformations or loss irrespective of historical and geographic contexts. Theories of sustainability may provide new narratives on the archaeology of Malta and Gozo, but they are equally important and of central relevance to contemporary issues of cultural heritage conservation and care. Though the archaeological resources of the Maltese islands can throw light on the past, one has to recognize that such resources are limited, finite and non-renewable. The sense of urgency with which these resources have to be identified, listed, studied, archived and valued is akin to that same urgency with which objects of value and all fragile forms of natural and cultural resources require constant stewardship and protection. The idea of sustainability therefore, follows a common thread across millennia.

It is all the more reason why cultural resource management requires particular attention through research, valorization and protection. The *FRAGSUS Project* (Fragility and sustainability in small island environments: adaptation, cultural change and collapse in prehistory) was intended to further explore and enhance existing knowledge on the prehistory of Malta and Gozo. The objective of the project as

designed by the participating institutional partners and scholars, was to explore untapped field resources and archived archaeological material from a number of sites and their landscape to answer questions that could be approached with new techniques and methods. The results of the *FRAGSUS Project* will serve to advance our knowledge of certain areas of Maltese prehistory and to better contextualize the archipelago's importance as a model for understanding island archaeology in the central Mediterranean. The work that has been invested in *FRAGSUS* lays the foundation for future research.

Malta and Gozo are among the Mediterranean islands whose prehistoric archaeology has been intensely studied over a number of decades. This factor is important, yet more needs to be done in the field of Maltese archaeology and its valorization. Research is not the preserve of academic specialists. It serves to enhance not only what we know about the Maltese islands, but more importantly, why the archipelago's cultural landscape and its contents deserve care and protection especially at a time of extensive construction development. Strict rules and guidelines established by the Superintendence of Cultural Heritage have meant that during the last two decades more archaeological sites and deposits have been protected in situ or rescue-excavated through a statutory watching regime. This supervision has been applied successfully in a wide range of sites located in urban areas, rural locations and the landscape, as well as at the World Heritage Sites of Valletta, Ġgantija, Haġar Qim and Mnajdra and Tarxien. This activity has been instrumental in understanding ancient and historical land use, and the making of the Maltese historic centres and landscape.

Though the cumulative effect of archaeological research is being felt more strongly, new areas of interest still need to be addressed. Most pressing are those areas of landscape studies which often become

peripheral to the attention that is garnered by prominent megalithic monuments. *FRAGSUS* has once again confirmed that there is a great deal of value in studying field systems, terraces and geological settings which, after all, were the material media in which modern Malta and Gozo ultimately developed. There is, therefore, an interplay in the use of the term sustainability, an interplay between what we can learn from the way ancient communities tested and used the very same island landscape which we occupy today, and the manner in which this landscape is treated in contested economic realities. If we are to seek factors of sustainability in the past, we must first protect its relics and study them using the best available methods in our times. On the other hand, the study of the past using the materiality of ancient peoples requires strong research agendas and thoughtful stewardship. The *FRAGSUS Project* has shown us how even small fragile deposits, nursed through protective legislation and guardianship, can yield significant information which the methods of pioneering scholars of Maltese archaeology would not have enabled access to. As already outlined by the Superintendence of Cultural Heritage, a national research agenda for cultural heritage and the humanities is a desideratum. Such a framework, reflected in the institutional partnership of the

*FRAGSUS Project*, will bear valuable results that will only advance Malta's interests especially in today's world of instant e-knowledge that was not available on such a global scale a mere two decades ago.

*FRAGSUS* also underlines the relevance of studying the achievements and predicaments of past societies to understand certain, though not all, aspects of present environmental challenges. The twentieth century saw unprecedented environmental changes as a result of modern political-economic constructs. Admittedly, twentieth century developments cannot be equated with those of antiquity in terms of demography, technology, food production and consumption or the use of natural resources including the uptake of land. However, there are certain aspects, such as climate change, changing sea levels, significant environmental degradation, soil erosion, the exploitation and abandonment of land resources, the building and maintenance of field terraces, the rate and scale of human demographic growth, movement of peoples, access to scarce resources, which to a certain extent reflect impacts that seem to recur in time, irrespectively of scale and historic context.

Anthony Pace  
Superintendent of Cultural Heritage (2003–18).

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## *Appendix 5*

### **The molluscan counts for the deep cores**

Katrin Fenech

Table A5.1. Marsa 2.

| Species/Depth (cm)                                                   | 3        | 8         | 13       | 18       | 23        | 28        | 33       | 38       | 43       | 48       | 53       | 58       | 63       | 68       |
|----------------------------------------------------------------------|----------|-----------|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 0        | 1         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                                            | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Veneridae                                                            | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0         | 1        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 1         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 1         | 1        | 1        | 1         | 3         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerneuella caruanae</i> (Kobelt, 1888)                            | 1        | 0         | 0        | 1        | 5         | 4         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1        | 5         | 0        | 0        | 3         | 3         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 3         | 0        | 0        | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicioidae                                                          | 1        | 1         | 3        | 3        | 5         | 7         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 3        | 1         | 0        | 3        | 4         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>6</b> | <b>13</b> | <b>5</b> | <b>8</b> | <b>18</b> | <b>20</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

The molluscan counts for the deep cores

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 73       | 78       | 83        | 88       | 93        | 98        | 103       | 107       | 113       | 118      | 123      | 128      | 133      | 138      |
|----------------------------------------------------------------------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0        | 1         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 0        | 0        | 0         | 0        | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                                            | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| Veneridae                                                            | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0         | 0        | 1         | 1         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0         | 0        | 0         | 0         | 1         | 0         | 2         | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0         | 0        | 0         | 0         | 1         | 0         | 1         | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 2         | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0         | 0        | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0         | 0        | 1         | 1         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0         | 0        | 1         | 0         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 1         | 0        | 0         | 0         | 0         | 6         | 2         | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 7         | 0        | 4         | 0         | 8         | 0         | 1         | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 11        | 0        | 18        | 15        | 17        | 18        | 7         | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 4         | 0        | 4         | 0         | 1         | 0         | 2         | 0        | 0        | 0        | 0        | 0        |
| Helicioidea                                                          | 0        | 0        | 11        | 0        | 7         | 6         | 4         | 13        | 8         | 3        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0         | 0        | 2         | 4         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>35</b> | <b>1</b> | <b>39</b> | <b>28</b> | <b>34</b> | <b>37</b> | <b>27</b> | <b>3</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 143      | 148      | 153      | 158      | 163      | 168      | 173        | 178       | 183        | 188       | 193       | 198      | 203      | 208      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|------------|-----------|------------|-----------|-----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 2         | 2         | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 1         | 3         | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| Cardiidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1         | 0          | 0         | 0         | 0        | 0        | 0        |
| Kelliidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| Veneridae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 1        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0        | 0        | 0        | 0        | 0        | 77         | 40        | 71         | 42        | 6         | 0        | 2        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 2         | 0          | 4         | 1         | 2        | 4        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 5          | 6         | 5          | 5         | 0         | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0        | 0        | 0        | 0        | 2          | 3         | 2          | 1         | 0         | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 1          | 0         | 0         | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1         | 0          | 0         | 0         | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 2         | 6          | 2         | 1         | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 0          | 0         | 0         | 0        | 0        | 0        |
| Muticaria Lindholm, 1925                                             | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 1         | 1          | 1         | 1         | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 2          | 1         | 2          | 0         | 0         | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1         | 0          | 1         | 0         | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0         | 1          | 13        | 1         | 0        | 1        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 8          | 1         | 3          | 4         | 0         | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 10         | 7         | 12         | 0         | 5         | 1        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 0         | 0          | 1         | 1         | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1         | 4          | 1         | 2         | 0        | 0        | 0        |
| Helicioidae                                                          | 0        | 0        | 0        | 0        | 0        | 0        | 4          | 0         | 23         | 20        | 3         | 1        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 2          | 0         | 2          | 0         | 0         | 1        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>112</b> | <b>67</b> | <b>133</b> | <b>98</b> | <b>26</b> | <b>5</b> | <b>8</b> | <b>1</b> |

The molluscan counts for the deep cores

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 213      | 218      | 223      | 228      | 233      | 238      | 243      | 248      | 253      | 258      | 263      | 268       | 273      | 278       |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2         | 0        | 1         |
| <i>Cerithium</i> spp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4         | 0        | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| Cardiidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Cerastoderma</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 1         | 0        | 5         |
| Kelliidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Ostrea</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| Pectinidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 0        | 2         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0         | 0        | 3         |
| Veneridae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| other/indeterminate                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4         | 1        | 1         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 3         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0         |
| Helicoidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2        | 2         | 1        | 2         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1         |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>7</b> | <b>15</b> | <b>2</b> | <b>18</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 283      | 288       | 293        | 298        | 303       | 308       | 313        | 318        | 323       | 328       | 333       | 338        | 343        | 348        |
|----------------------------------------------------------------------|----------|-----------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|-----------|------------|------------|------------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 1        | 27        | 31         | 26         | 4         | 1         | 10         | 32         | 11        | 4         | 3         | 25         | 47         | 33         |
| <i>Cerithium</i> spp.                                                | 2        | 0         | 4          | 0          | 1         | 1         | 2          | 4          | 1         | 0         | 0         | 2          | 7          | 4          |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 1          | 2          |
| <i>Haminoea</i> sp.                                                  | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 1          | 0          |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0          | 1          | 0         | 0         | 0          | 5          | 0         | 0         | 0         | 0          | 4          | 0          |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0         | 0          | 1          | 0         | 1         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0          | 7          | 2         | 6         | 4          | 8          | 2         | 2         | 0         | 6          | 6          | 4          |
| <i>Turbonilla</i> sp.                                                | 0        | 1         | 1          | 5          | 0         | 3         | 2          | 2          | 0         | 0         | 1         | 2          | 1          | 2          |
| <i>Acanthocardia</i> sp.                                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| Cardiidae                                                            | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Cerastoderma</i> sp.                                              | 0        | 4         | 19         | 14         | 5         | 6         | 9          | 6          | 10        | 8         | 6         | 15         | 14         | 12         |
| Kelliidae                                                            | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 1          | 0          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Ostrea</i> sp.                                                    | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Paphia</i> sp.                                                    | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Parvicardium</i> sp.                                              | 0        | 1         | 0          | 0          | 0         | 0         | 1          | 0          | 0         | 0         | 0         | 0          | 0          | 1          |
| Pectinidae                                                           | 2        | 1         | 2          | 10         | 0         | 0         | 0          | 1          | 1         | 0         | 1         | 1          | 2          | 2          |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Tellina</i> sp.                                                   | 0        | 2         | 7          | 11         | 1         | 0         | 6          | 2          | 2         | 1         | 0         | 7          | 5          | 3          |
| Veneridae                                                            | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| other/indeterminate                                                  | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 2          | 0          |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 32        | 310        | 232        | 50        | 21        | 108        | 56         | 45        | 26        | 32        | 161        | 113        | 141        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0         | 1          | 3          | 0         | 0         | 0          | 0          | 1         | 1         | 2         | 1          | 0          | 0          |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 3          | 3          | 0         | 0         | 2          | 0          | 1         | 0         | 0         | 1          | 0          | 0          |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0         | 1          | 0          | 0         | 1         | 1          | 0          | 1         | 2         | 1         | 0          | 0          | 1          |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0         | 0          | 0          | 1         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| Clausiliidae Mörch, 1864                                             | 0        | 0         | 1          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0          | 0          | 0         | 0         | 1          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0         | 1          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 1          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1        | 0         | 4          | 7          | 0         | 0         | 0          | 4          | 0         | 3         | 4         | 2          | 3          | 4          |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0         | 0          | 0          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0          |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0         | 0          | 1          | 0         | 0         | 0          | 0          | 0         | 0         | 0         | 1          | 2          | 0          |
| Helicioidea                                                          | 1        | 1         | 0          | 1          | 1         | 3         | 1          | 2          | 0         | 4         | 1         | 3          | 5          | 6          |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 1         | 2          | 0          | 0         | 0         | 0          | 0          | 2         | 0         | 0         | 0          | 0          | 1          |
| <b>Total amount of molluscs</b>                                      | <b>7</b> | <b>70</b> | <b>387</b> | <b>322</b> | <b>64</b> | <b>43</b> | <b>147</b> | <b>123</b> | <b>77</b> | <b>51</b> | <b>51</b> | <b>227</b> | <b>214</b> | <b>216</b> |

The molluscan counts for the deep cores

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 353        | 358        | 363        | 368        | 373        | 378        | 383        | 388        | 393        | 398        | 403        | 408        | 413        | 418        |
|----------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 16         | 25         | 42         | 40         | 28         | 24         | 15         | 14         | 24         | 38         | 48         | 41         | 30         | 16         |
| <i>Cerithium</i> spp.                                                | 3          | 2          | 11         | 12         | 10         | 15         | 16         | 34         | 37         | 36         | 33         | 23         | 7          | 5          |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| <i>Gibbula</i> sp.                                                   | 4          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 2          | 0          | 1          | 0          |
| <i>Haminoea</i> sp.                                                  | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0          | 0          | 0          | 0          | 0          | 1          | 3          | 1          | 0          | 1          | 4          | 0          | 0          | 1          |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 2          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 4          | 1          | 0          | 0          |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0          | 0          | 2          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 0          |
| <i>Rissoa</i> sp.                                                    | 7          | 11         | 14         | 23         | 24         | 18         | 48         | 24         | 15         | 18         | 24         | 20         | 23         | 8          |
| <i>Turbonilla</i> sp.                                                | 1          | 5          | 10         | 7          | 6          | 8          | 8          | 13         | 9          | 4          | 19         | 15         | 7          | 5          |
| <i>Acanthocardia</i> sp.                                             | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 2          | 0          | 0          | 0          |
| Cardiidae                                                            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| <i>Cerastoderma</i> sp.                                              | 9          | 92         | 113        | 44         | 35         | 28         | 24         | 52         | 56         | 88         | 104        | 110        | 85         | 25         |
| Kelliidae                                                            | 0          | 0          | 0          | 0          | 1          | 1          | 5          | 4          | 4          | 13         | 9          | 17         | 10         | 4          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0          | 0          | 0          | 1          | 2          | 0          | 0          | 1          | 4          | 2          | 17         | 8          | 10         | 2          |
| <i>Ostrea</i> sp.                                                    | 0          | 0          | 1          | 1          | 0          | 2          | 2          | 1          | 5          | 4          | 6          | 1          | 1          | 0          |
| <i>Paphia</i> sp.                                                    | 0          | 1          | 0          | 0          | 1          | 0          | 2          | 2          | 1          | 0          | 2          | 1          | 1          | 2          |
| <i>Parvicardium</i> sp.                                              | 2          | 0          | 1          | 2          | 1          | 2          | 2          | 10         | 3          | 4          | 11         | 11         | 3          | 0          |
| Pectinidae                                                           | 1          | 11         | 22         | 17         | 7          | 6          | 3          | 16         | 21         | 19         | 44         | 14         | 5          | 3          |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0          | 0          | 4          | 2          | 1          | 2          | 0          | 3          | 6          | 6          | 3          | 1          | 0          | 1          |
| <i>Tellina</i> sp.                                                   | 3          | 22         | 29         | 22         | 13         | 17         | 18         | 24         | 17         | 37         | 45         | 29         | 33         | 12         |
| Veneridae                                                            | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 5          | 1          | 2          |
| other/indeterminate                                                  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 2          | 0          |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 154        | 224        | 251        | 159        | 101        | 60         | 105        | 183        | 172        | 212        | 268        | 320        | 162        | 57         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0          | 0          | 2          | 2          | 0          | 0          | 2          | 4          | 3          | 5          | 10         | 18         | 8          | 2          |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0          | 1          | 2          | 0          | 0          | 0          | 0          | 2          | 5          | 14         | 12         | 21         | 19         | 11         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 1          | 2          | 4          | 1          | 2          | 1          |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 5          | 3          | 0          | 1          |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0          | 4          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 0          |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 2          | 5          | 6          | 4          | 0          |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 7          | 11         | 10         | 8          | 1          |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 1          |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0          | 0          | 0          | 0          | 0          | 1          | 2          | 2          | 1          | 5          | 0          | 3          | 3          | 1          |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 1          | 1          | 2          | 5          | 5          | 5          | 2          |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3          | 0          | 0          | 0          |
| Clausiliidae Mörch, 1864                                             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 1          | 3          | 0          | 0          |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 6          | 1          | 0          | 1          |
| <i>Muticaria</i> Lindholm, 1925                                      | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 1          | 2          | 0          | 1          | 1          | 1          |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3          | 1          | 2          | 0          |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 0          |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0          | 1          | 1          | 0          | 1          | 0          | 0          | 0          | 3          | 2          | 7          | 7          | 2          | 4          |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          | 0          | 2          | 3          | 1          | 1          | 1          |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 4          | 3          | 1          | 1          | 5          | 4          | 3          | 7          | 6          | 18         | 16         | 27         | 23         | 15         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          |
| <i>Theba pisana</i> (Müller, 1774)                                   | 1          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 2          |
| Helicoidae                                                           | 3          | 3          | 1          | 2          | 1          | 2          | 3          | 3          | 8          | 19         | 15         | 19         | 17         | 13         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 2          | 1          | 1          | 0          | 0          | 0          | 0          | 1          | 2          | 9          | 17         | 11         | 13         | 5          |
| <b>Total amount of molluscs</b>                                      | <b>213</b> | <b>406</b> | <b>509</b> | <b>337</b> | <b>241</b> | <b>198</b> | <b>265</b> | <b>408</b> | <b>409</b> | <b>577</b> | <b>777</b> | <b>758</b> | <b>490</b> | <b>207</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 423        | 428        | 433        | 438        | 443        | 448        | 453        | 458        | 463        | 468         | 473        | 478        | 483        | 488        |
|----------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 39         | 22         | 10         | 12         | 17         | 20         | 19         | 11         | 29         | 72          | 52         | 58         | 47         | 95         |
| <i>Cerithium</i> spp.                                                | 4          | 11         | 2          | 11         | 7          | 6          | 20         | 15         | 26         | 66          | 101        | 113        | 83         | 127        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Gibbula</i> sp.                                                   | 2          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1           | 0          | 0          | 0          | 0          |
| <i>Haminoea</i> sp.                                                  | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 2          | 0          | 2           | 0          | 0          | 0          | 0          |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0          | 2          | 0          | 2          | 0          | 1          | 0          | 1          | 0          | 1           | 0          | 1          | 0          | 0          |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 1          | 1          | 0          | 0          | 1          | 0          | 3          | 0          | 3          | 12          | 8          | 6          | 4          | 4          |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0           | 0          | 0          | 0          | 1          |
| <i>Rissoa</i> sp.                                                    | 19         | 17         | 7          | 17         | 5          | 12         | 13         | 9          | 16         | 19          | 18         | 24         | 31         | 49         |
| <i>Turbonilla</i> sp.                                                | 4          | 7          | 3          | 3          | 4          | 3          | 7          | 1          | 7          | 8           | 14         | 18         | 27         | 14         |
| <i>Acanthocardia</i> sp.                                             | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1           | 0          | 0          | 0          | 9          |
| Cardiidae                                                            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Cerastoderma</i> sp.                                              | 122        | 46         | 26         | 43         | 45         | 31         | 54         | 32         | 102        | 118         | 118        | 97         | 129        | 118        |
| Kelliidae                                                            | 0          | 0          | 2          | 2          | 7          | 1          | 5          | 5          | 17         | 49          | 18         | 9          | 5          | 7          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 2          | 0          | 0          | 0          | 0          | 3          | 4          | 2          | 1          | 16          | 3          | 12         | 7          | 15         |
| <i>Ostrea</i> sp.                                                    | 1          | 0          | 0          | 0          | 0          | 2          | 2          | 0          | 1          | 5           | 4          | 1          | 1          | 1          |
| <i>Paphia</i> sp.                                                    | 0          | 1          | 0          | 0          | 0          | 0          | 2          | 0          | 1          | 1           | 0          | 0          | 2          | 1          |
| <i>Parvicardium</i> sp.                                              | 1          | 0          | 1          | 1          | 4          | 2          | 1          | 1          | 10         | 7           | 7          | 5          | 4          | 9          |
| Pectinidae                                                           | 14         | 5          | 1          | 2          | 7          | 4          | 2          | 9          | 6          | 1           | 5          | 2          | 6          | 5          |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 5          | 0          | 1          | 0          | 3          | 0          | 0          | 2          | 2          | 6           | 7          | 18         | 6          | 2          |
| <i>Tellina</i> sp.                                                   | 43         | 19         | 11         | 9          | 18         | 6          | 19         | 11         | 15         | 46          | 50         | 33         | 59         | 46         |
| Veneridae                                                            | 1          | 0          | 0          | 1          | 0          | 0          | 1          | 1          | 0          | 1           | 3          | 1          | 4          | 0          |
| other/indeterminate                                                  | 4          | 0          | 0          | 0          | 2          | 1          | 1          | 0          | 0          | 0           | 2          | 4          | 6          | 1          |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 272        | 96         | 38         | 77         | 118        | 115        | 106        | 63         | 247        | 583         | 509        | 524        | 445        | 344        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 2          | 2          | 0          | 0          | 0          | 5          | 4          | 3          | 5          | 4           | 9          | 1          | 0          | 0          |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 1          | 0          |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 2          | 0          | 1          | 2          | 8          | 2          | 8          | 2          | 2          | 9           | 2          | 0          | 3          | 1          |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 1          | 3          | 0          | 0          | 1          | 0          | 2          | 0          | 3          | 3           | 0          | 1          | 0          | 0          |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0          | 0          | 0          | 0          | 0          | 1          | 2          | 0          | 0          | 1           | 1          | 0          | 0          | 0          |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 2          | 1          | 4           | 1          | 1          | 0          | 0          |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0          | 0          | 0          | 1          | 2          | 1          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0           | 0          | 0          | 0          | 0          |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 1          | 0          |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0          | 0          | 0          | 1          | 0          | 0          | 2          | 0          | 0          | 1           | 3          | 0          | 0          | 1          |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0          | 0          | 0          | 2          | 1          | 1          | 2          | 1          | 1          | 0           | 0          | 2          | 2          | 0          |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| Clausiliidae Mörch, 1864                                             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2           | 0          | 0          | 0          | 2          |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 1          | 0          | 0          |
| <i>Muticaria</i> Lindholm, 1925                                      | 0          | 0          | 1          | 0          | 1          | 1          | 1          | 1          | 1          | 0           | 0          | 0          | 0          | 0          |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 1          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0          | 0          | 1          | 0          | 3          | 0          | 4          | 3          | 0          | 4           | 3          | 1          | 5          | 2          |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0          | 0          | 0          | 0          | 3          | 1          | 2          | 0          | 1          | 2           | 4          | 3          | 0          | 0          |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1          | 0          | 5          | 5          | 15         | 6          | 5          | 1          | 4          | 10          | 13         | 8          | 4          | 3          |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          | 0           | 1          | 0          | 0          | 0          |
| Helicioidae                                                          | 1          | 0          | 4          | 4          | 10         | 4          | 10         | 4          | 0          | 6           | 8          | 5          | 4          | 6          |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0          | 0          | 1          | 3          | 2          | 0          | 2          | 3          | 0          | 2           | 2          | 2          | 1          | 2          |
| <b>Total amount of molluscs</b>                                      | <b>541</b> | <b>233</b> | <b>115</b> | <b>198</b> | <b>284</b> | <b>233</b> | <b>312</b> | <b>186</b> | <b>504</b> | <b>1063</b> | <b>966</b> | <b>951</b> | <b>887</b> | <b>865</b> |

The molluscan counts for the deep cores

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 493         | 498        | 503        | 508        | 513       | 518       | 523      | 528      | 533      | 538      | 543      | 548      | 553      | 558      |
|----------------------------------------------------------------------|-------------|------------|------------|------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 219         | 161        | 27         | 9          | 4         | 5         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 78          | 34         | 2          | 9          | 5         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 1           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 2           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 4           | 4          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 10          | 1          | 0          | 1          | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0           | 2          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 56          | 46         | 6          | 10         | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 34          | 9          | 3          | 2          | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 124         | 40         | 24         | 23         | 6         | 9         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                                            | 5           | 1          | 0          | 0          | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 33          | 8          | 3          | 0          | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 4           | 3          | 0          | 2          | 1         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 1           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 14          | 6          | 3          | 2          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 2           | 6          | 2          | 2          | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 8           | 2          | 2          | 2          | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 97          | 30         | 14         | 7          | 4         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Veneridae                                                            | 3           | 4          | 2          | 0          | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 1           | 0          | 1          | 0          | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 315         | 238        | 71         | 49         | 20        | 6         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 2           | 4          | 0          | 2          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0           | 1          | 0          | 1          | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0           | 1          | 0          | 1          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0           | 0          | 1          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 1           | 3          | 2          | 0          | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 1           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1           | 0          | 1          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 1           | 3          | 1          | 6          | 0         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 1           | 1          | 1          | 2          | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 6           | 5          | 9          | 22         | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0           | 0          | 0          | 0          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 4           | 1          | 5          | 2          | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 1           | 3          | 15         | 10         | 6         | 3         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1029</b> | <b>617</b> | <b>195</b> | <b>164</b> | <b>64</b> | <b>30</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 563      | 568      | 573      | 578      | 583      | 588      | 593        | 598        | 603        | 608        | 613        | 618        | 623        | 628       |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|------------|------------|------------|------------|------------|------------|------------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0        | 0        | 0        | 0        | 0        | 12         | 20         | 57         | 36         | 9          | 47         | 23         | 8         |
| <i>Cerithium</i> spp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 9          | 20         | 45         | 12         | 14         | 36         | 8          | 9         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0         |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0         |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 2          | 2          | 2          | 0          | 0          | 1          | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0         |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 19         | 16         | 17         | 9          | 5          | 17         | 4          | 0         |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 6          | 2          | 10         | 9          | 0          | 4          | 2          | 0         |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| Cardiidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Cerastoderma</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 41         | 65         | 60         | 43         | 24         | 47         | 25         | 11        |
| Kelliidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 8          | 3          | 0          | 2          | 6          | 2          | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 4          | 5          | 5          | 1          | 0          | 1          | 0         |
| <i>Ostrea</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 0          | 0          | 1          | 1          | 1          | 1          | 0         |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1          | 0          | 0          | 1          | 0          | 1          | 0         |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 3          | 1          | 1          | 0          | 0          | 3          | 1         |
| Pectinidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 1          | 2          | 0          | 3          | 4          | 3          | 1         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 5          | 4          | 1          | 2          | 6          | 1          | 0         |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 6          | 15         | 22         | 22         | 4          | 11         | 5          | 2         |
| Veneridae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 1          | 2          | 0          | 1          | 1          | 1          | 0         |
| other/indeterminate                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 2          | 0          | 0          | 1          | 0          | 0          | 0         |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0        | 0        | 0        | 0        | 0        | 49         | 171        | 216        | 57         | 65         | 198        | 62         | 31        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 3          | 2          | 1          | 0          | 3          | 2          | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 4          | 5          | 3          | 3          | 0          | 1          | 1          | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1          | 0          | 1          | 0          | 1          | 0          | 1         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 2          | 0          | 0          | 0          | 1          | 0          | 0          | 0         |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 1          | 0          | 0          | 0          | 1          | 0          | 1         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 5          | 1          | 1          | 2          | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 1          | 0          | 1          | 1          | 1          | 0          | 1         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 6          | 7          | 3          | 5          | 1          | 3          | 0         |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 3          | 7          | 0          | 0          | 3          | 0          | 2          | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 2          | 9          | 9          | 10         | 4          | 7          | 8          | 4         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 1          | 1          | 2          | 1          | 0          | 4          | 0          | 0         |
| Helicioidea                                                          | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 4          | 4          | 7          | 2          | 2          | 5          | 5         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0          | 2          | 2          | 4          | 6          | 2          | 3          | 10        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>164</b> | <b>380</b> | <b>479</b> | <b>234</b> | <b>156</b> | <b>405</b> | <b>171</b> | <b>84</b> |

The molluscan counts for the deep cores

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 633       | 638      | 643      | 648      | 653      | 658      | 663      | 668      | 673      | 678      | 683      | 688      | 693      | 698      |
|----------------------------------------------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 3         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 4         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 8         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                                            | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 2         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| Veneridae                                                            | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 7         | 1        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 1         | 1        | 2        | 1        | 2        | 2        | 1        | 0        | 3        | 1        | 0        | 0        | 0        | 0        |
| <i>Cerneuella caruanae</i> (Kobelt, 1888)                            | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicioidea                                                          | 0         | 0        | 0        | 1        | 0        | 4        | 0        | 1        | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 3         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>34</b> | <b>6</b> | <b>7</b> | <b>3</b> | <b>2</b> | <b>8</b> | <b>1</b> | <b>1</b> | <b>3</b> | <b>4</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 703      | 708      | 713      | 718      | 723      | 728      | 733      | 738      | 743      | 748      | 753      | 758      | 763      | 768      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 4        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1        | 1        | 3        |
| Kelliidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 1        | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| Veneridae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerutuella caruanae</i> (Kobelt, 1888)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>6</b> | <b>7</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>7</b> | <b>1</b> | <b>5</b> |

The molluscan counts for the deep cores

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 773      | 778       | 783      | 788      | 793      | 798      | 803      | 808      | 813      | 818      | 823      | 828      | 833      | 838      |
|----------------------------------------------------------------------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Cerithium</i> spp.                                                | 1        | 2         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| <i>Haminoea</i> sp.                                                  | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 1        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 2        | 6         | 3        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                                            | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 1         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 0        |
| <i>Paphia</i> sp.                                                    | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| <i>Tellina</i> sp.                                                   | 1        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| Veneridae                                                            | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicioidae                                                          | 1        | 1         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>6</b> | <b>11</b> | <b>8</b> | <b>5</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 843      | 848      | 853      | 858      | 863      | 868      | 873      | 878      | 883      | 888      | 893      | 898      | 903      | 908      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 0        | 0        |
| Kelliidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Veneridae                                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicioidea                                                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>6</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>6</b> | <b>2</b> | <b>3</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.1 (cont.).

| Species/Depth (cm)                                                   | 913      | 918      | 923      | 928      | 933      | 938      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> spp.                                                | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Haminoea</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        |
| Cardiidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                                            | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paphia</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        |
| Veneridae                                                            | 0        | 0        | 0        | 0        | 0        | 0        |
| other/indeterminate                                                  | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> sp. Hartmann, 1821                                   | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)              | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis planorbis</i> (Linnaeus, 1758)                          | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.2. Mgarr ix-Xini.

| Species/Depth (cm)                                                   | 56       | 60       | 64       | 67       | 71       | 75       | 79       | 82        | 86       | 90       | 93        | 97        | 100       | 104       |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|-----------|-----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1        | 1         | 0         | 2         | 2         |
| <i>Bittium</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0         | 2         | 0         | 0         |
| <i>Calliostoma</i> sp.                                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 3         | 0         | 2         | 1         |
| <i>Cylichnea</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Epitonium</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 1         | 1         | 2         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Jujubinus</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Pisania striata</i>                                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 1         | 0         |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 1        | 1        | 0         | 0         | 0         | 2         |
| <i>Tricolia</i> sp.                                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 1         | 0         |
| <i>Turbonilla lactea</i>                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Ostrea</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 1         |
| <i>Abra</i> sp.                                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| other/unknown marine                                                 | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 1         | 1         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 1        | 0        | 2        | 1        | 5        | 1        | 1        | 3         | 2        | 1        | 1         | 3         | 8         | 10        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Xerotracha conspurcata</i> (Draparnaud, 1801)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 1         | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0        | 0        | 0         | 1         | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 1         | 0         | 0         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1        | 0        | 1         | 1         | 1         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Cernuella caruanae</i>                                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 1         | 2         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2         | 0        | 0        | 0         | 0         | 2         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1        | 1        | 0        | 0        | 1        | 1        | 0        | 1         | 1        | 1        | 1         | 0         | 1         | 1         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 1         | 0         | 1         |
| Helicioid fragments                                                  | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1        | 1        | 1         | 1         | 1         | 1         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0        | 0        | 0         | 3         | 0         | 0         |
| <b>Total amount of molluscs</b>                                      | <b>4</b> | <b>3</b> | <b>4</b> | <b>3</b> | <b>9</b> | <b>5</b> | <b>6</b> | <b>10</b> | <b>8</b> | <b>5</b> | <b>11</b> | <b>16</b> | <b>21</b> | <b>22</b> |

The molluscan counts for the deep cores

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 108       | 111       | 120       | 124       | 132       | 142       | 147       | 152       | 157       | 162       | 167       | 172       | 175       | 191       |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 0         | 2         | 2         | 0         | 1         | 2         | 0         | 18        | 5         | 3         | 0         | 1         | 0         | 2         |
| <i>Bittium</i> sp.                                                   | 0         | 0         | 2         | 0         | 0         | 2         | 2         | 7         | 0         | 6         | 5         | 5         | 2         | 5         |
| <i>Calliostoma</i> sp.                                               | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                                 | 3         | 2         | 2         | 2         | 1         | 0         | 1         | 19        | 20        | 9         | 9         | 11        | 6         | 20        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Epitonium</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 0         | 1         | 3         | 2         | 0         | 1         | 2         | 5         | 2         | 5         | 5         | 2         | 3         | 1         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Jujubinus</i> sp.                                                 | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 2         | 4         | 0         | 0         |
| <i>Pisania striata</i>                                               | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 0         | 2         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Rissoa</i> sp.                                                    | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 2         | 0         | 0         | 1         |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 1         |
| <i>Turbonilla lactea</i>                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 1         | 0         | 1         |
| <i>Cardium</i> sp.                                                   | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 1         | 2         | 1         | 1         | 1         | 2         | 1         |
| <i>Ostrea</i> sp.                                                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 5         | 5         | 0         | 3         | 1         | 1         | 3         |
| <i>Abra</i> sp.                                                      | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| other/unknown marine                                                 | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 9         | 8         | 4         | 3         | 6         | 2         | 0         | 5         | 2         | 0         | 0         | 2         | 0         | 5         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         |
| <i>Cernuella caruanae</i>                                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 1         | 1         | 1         | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 0         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 1         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid fragments                                                   | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                      | <b>19</b> | <b>23</b> | <b>19</b> | <b>13</b> | <b>16</b> | <b>12</b> | <b>10</b> | <b>66</b> | <b>46</b> | <b>36</b> | <b>32</b> | <b>35</b> | <b>18</b> | <b>47</b> |

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 195       | 199       | 204       | 208       | 212      | 216      | 220      | 225      | 229      | 233      | 237      | 246       | 251       | 256       |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 5         | 3         | 4         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 3         | 2         |
| <i>Bittium</i> sp.                                                   | 8         | 6         | 1         | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 5         | 7         | 1         |
| <i>Calliostoma</i> sp.                                               | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                                 | 5         | 4         | 0         | 4         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 9         | 16        | 7         |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Epitonium</i> sp.                                                 | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                                                 | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 1         | 1         | 1         | 0         | 1        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 2         | 7         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Jujubinus</i> sp.                                                 | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Nassarius</i> sp.                                                 | 3         | 2         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 1         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Pisania striata</i>                                               | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 2         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                    | 7         | 7         | 3         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2         | 1         | 0         |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Turbonilla lactea</i>                                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         |
| <i>Cardium</i> sp.                                                   | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0         | 1         |
| <i>Ostrea</i> sp.                                                    | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 1         | 0         | 0         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 4         | 3         |
| <i>Abra</i> sp.                                                      | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| other/unknown marine                                                 | 0         | 0         | 0         | 0         | 1        | 2        | 1        | 1        | 1        | 0        | 0        | 0         | 0         | 1         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0         | 2         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 1         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 1         |
| <i>Cernuella caruanae</i>                                            | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1         | 0         | 1         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 3         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| Helicioid fragments                                                  | 1         | 1         | 1         | 1         | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1         | 1         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                      | <b>35</b> | <b>28</b> | <b>10</b> | <b>16</b> | <b>4</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>5</b> | <b>27</b> | <b>41</b> | <b>28</b> |

The molluscan counts for the deep cores

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 261       | 266       | 271       | 276      | 281      | 286      | 291      | 296       | 300      | 309       | 314       | 319       | 324       | 329      |
|----------------------------------------------------------------------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|----------|
| <i>Alvania</i> sp.                                                   | 0         | 1         | 1         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 1         | 0         | 1         | 0        |
| <i>Bittium</i> sp.                                                   | 1         | 0         | 3         | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 10        | 8         | 0         | 0        |
| <i>Calliostoma</i> sp.                                               | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Cerithium</i> sp.                                                 | 3         | 2         | 2         | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 4         | 0         | 0         | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Epitonium</i> sp.                                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Gibberula</i> sp.                                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Gibbula</i> sp.                                                   | 3         | 2         | 0         | 0        | 0        | 1        | 0        | 0         | 1        | 0         | 0         | 1         | 1         | 1        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Jujubinus</i> sp.                                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 1         | 0        |
| <i>Pisania striata</i>                                               | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 0         | 0         | 0         | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Rissoa</i> sp.                                                    | 2         | 1         | 1         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 2         | 2         | 0         | 0        |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Turbonilla lactea</i>                                             | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Cardium</i> sp.                                                   | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 1        | 1         | 0         | 0         | 0         | 0        |
| <i>Ostrea</i> sp.                                                    | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Abra</i> sp.                                                      | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| other/unknown marine                                                 | 0         | 0         | 0         | 0        | 0        | 1        | 1        | 0         | 0        | 1         | 0         | 0         | 0         | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0         | 2         | 2         | 0        | 1        | 0        | 0        | 42        | 0        | 2         | 6         | 4         | 0         | 1        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 1         | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| Clausiliidae Mörch, 1864                                             | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 2         | 0         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 1         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1         | 0         | 1         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 1         | 0         | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 1         | 0        | 1        | 0        | 1        | 0         | 0        | 1         | 1         | 1         | 1         | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 1        |
| <i>Cernuella caruanae</i>                                            | 0         | 1         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 0         | 0         | 2         | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 1         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 0         | 1         | 0        | 0        | 1        | 0        | 0         | 1        | 1         | 1         | 1         | 1         | 1        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0        | 1         | 0         | 0         | 0         | 0        |
| Helicoid fragments                                                   | 1         | 1         | 1         | 0        | 1        | 1        | 1        | 1         | 0        | 1         | 1         | 0         | 0         | 1        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 1         | 0        | 0         | 0         | 0         | 0         | 0        |
| <b>Total amount of molluscs</b>                                      | <b>16</b> | <b>11</b> | <b>15</b> | <b>1</b> | <b>3</b> | <b>4</b> | <b>3</b> | <b>44</b> | <b>3</b> | <b>12</b> | <b>26</b> | <b>20</b> | <b>10</b> | <b>6</b> |

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 334       | 339        | 344      | 352       | 359        | 364        | 383       | 387       | 391       | 395       | 399       | 403       | 407      | 411      |
|----------------------------------------------------------------------|-----------|------------|----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 0         | 0          | 0        | 0         | 0          | 0          | 1         | 2         | 0         | 1         | 2         | 0         | 0        | 0        |
| <i>Bittium</i> sp.                                                   | 0         | 0          | 0        | 1         | 1          | 0          | 0         | 1         | 3         | 5         | 2         | 1         | 0        | 0        |
| <i>Calliostoma</i> sp.                                               | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cerithium</i> sp.                                                 | 0         | 0          | 0        | 0         | 0          | 0          | 1         | 3         | 3         | 2         | 6         | 0         | 1        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 1         | 0         | 1         | 0         | 0         | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Epitonium</i> sp.                                                 | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Gibberula</i> sp.                                                 | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 2         | 0         | 0         | 3         | 0         | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 3         | 2         | 0         | 1         | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Jujubinus</i> sp.                                                 | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Nassarius</i> sp.                                                 | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0          | 0        | 0         | 0          | 0          | 1         | 2         | 1         | 1         | 0         | 0         | 0        | 0        |
| <i>Pisania striata</i>                                               | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0         | 0          | 0        | 0         | 0          | 0          | 1         | 0         | 2         | 2         | 0         | 0         | 0        | 0        |
| <i>Tricolia</i> sp.                                                  | 0         | 0          | 0        | 0         | 0          | 1          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Turbonilla lactea</i>                                             | 0         | 0          | 0        | 0         | 0          | 0          | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 1         | 0         | 0         | 1         | 0         | 0        | 1        |
| <i>Abra</i> sp.                                                      | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| other/unknown marine                                                 | 0         | 0          | 1        | 0         | 0          | 0          | 0         | 0         | 0         | 1         | 1         | 1         | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 60        | 114        | 4        | 76        | 120        | 148        | 8         | 8         | 13        | 12        | 8         | 24        | 1        | 1        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0          | 0        | 0         | 0          | 1          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0          | 0        | 1         | 1          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0          | 0        | 2         | 1          | 0          | 0         | 0         | 0         | 1         | 1         | 0         | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1          | 1        | 1         | 1          | 1          | 1         | 1         | 1         | 1         | 0         | 1         | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 1         | 0          | 1        | 1         | 3          | 3          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Ceruella caruanae</i>                                             | 0         | 0          | 0        | 0         | 2          | 1          | 0         | 0         | 0         | 1         | 1         | 0         | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0          | 0        | 0         | 2          | 0          | 0         | 0         | 1         | 1         | 0         | 0         | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0          | 0        | 0         | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 1          | 0        | 1         | 2          | 1          | 1         | 1         | 1         | 1         | 1         | 1         | 0        | 1        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0          | 0        | 0         | 2          | 0          | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 0        |
| Helicioid fragments                                                  | 1         | 1          | 1        | 1         | 1          | 1          | 1         | 1         | 1         | 1         | 0         | 1         | 1        | 1        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 0          | 0        | 1         | 1          | 1          | 0         | 0         | 0         | 0         | 0         | 1         | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>64</b> | <b>117</b> | <b>8</b> | <b>85</b> | <b>137</b> | <b>158</b> | <b>16</b> | <b>24</b> | <b>30</b> | <b>34</b> | <b>26</b> | <b>31</b> | <b>3</b> | <b>4</b> |

The molluscan counts for the deep cores

Table A5.2 (cont.).

| Species/Depth (cm)                                                 | 415      | 419        | 423        | 427        | 434       | 439       | 444       | 449       | 454       | 459       | 464       | 469       | 474        | 479       |
|--------------------------------------------------------------------|----------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| <i>Alvania</i> sp.                                                 | 0        | 1          | 0          | 0          | 2         | 3         | 0         | 0         | 2         | 2         | 3         | 2         | 2          | 6         |
| <i>Bittium</i> sp.                                                 | 0        | 1          | 1          | 0          | 0         | 0         | 3         | 1         | 1         | 2         | 0         | 3         | 0          | 0         |
| <i>Calliostoma</i> sp.                                             | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cerithium</i> sp.                                               | 0        | 0          | 0          | 3          | 1         | 7         | 8         | 1         | 0         | 2         | 0         | 0         | 1          | 5         |
| <i>Cylichnea</i> sp.                                               | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                           | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Epitonium</i> sp.                                               | 0        | 0          | 0          | 0          | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 1         |
| <i>Gibberula</i> sp.                                               | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Gibbula</i> sp.                                                 | 0        | 0          | 0          | 2          | 2         | 1         | 2         | 2         | 0         | 2         | 1         | 1         | 1          | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Jujubinus</i> sp.                                               | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Nassarius</i> sp.                                               | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                         | 0        | 0          | 0          | 1          | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Pisania striata</i>                                             | 0        | 0          | 0          | 0          | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)                          | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Rissoa</i> sp.                                                  | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0          | 2         |
| <i>Tricolia</i> sp.                                                | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0          | 1         |
| <i>Turbonilla lactea</i>                                           | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cardium</i> sp.                                                 | 0        | 0          | 1          | 0          | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Ostrea</i> sp.                                                  | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                           | 0        | 0          | 0          | 0          | 0         | 0         | 1         | 0         | 0         | 1         | 1         | 1         | 0          | 0         |
| <i>Abra</i> sp.                                                    | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          | 0         |
| other/unknown marine                                               | 0        | 1          | 1          | 0          | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0          | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                     | 2        | 137        | 309        | 146        | 2         | 5         | 6         | 14        | 16        | 21        | 58        | 23        | 340        | 69        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                        | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                  | 0        | 0          | 0          | 1          | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0          | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatus</i> (Rossmässler, 1838) | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0          | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                   | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                   | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| Clausiliidae Mörch, 1864                                           | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                       | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 1          | 0         |
| <i>Muticaria</i> Lindholm, 1925                                    | 1        | 0          | 1          | 1          | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1          | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                           | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 2          | 0         |
| <i>Cernuella caruanae</i>                                          | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 1         | 0          | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                            | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0          | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                          | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                        | 0        | 0          | 1          | 0          | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 1          | 0         |
| <i>Theba pisana</i> (Müller, 1774)                                 | 0        | 0          | 0          | 0          | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0          | 0         |
| Helicoid fragments                                                 | 1        | 0          | 1          | 1          | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1          | 1         |
| <i>Cecilioides acicula</i> (Müller, 1774)                          | 0        | 0          | 0          | 0          | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <b>Total amount of molluscs</b>                                    | <b>4</b> | <b>140</b> | <b>315</b> | <b>155</b> | <b>11</b> | <b>24</b> | <b>25</b> | <b>22</b> | <b>23</b> | <b>44</b> | <b>69</b> | <b>34</b> | <b>353</b> | <b>85</b> |

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 484       | 489       | 499      | 502       | 506       | 510       | 513      | 517      | 520       | 524       | 528       | 531       | 535       | 538       |
|----------------------------------------------------------------------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 2         | 2         | 0        | 1         | 0         | 0         | 0        | 0        | 1         | 0         | 0         | 0         | 2         | 0         |
| <i>Bittium</i> sp.                                                   | 6         | 2         | 0        | 0         | 0         | 0         | 0        | 1        | 0         | 2         | 0         | 2         | 0         | 1         |
| <i>Calliostoma</i> sp.                                               | 1         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Cerithium</i> sp.                                                 | 8         | 7         | 0        | 0         | 2         | 2         | 1        | 0        | 0         | 1         | 2         | 1         | 2         | 3         |
| <i>Cylichnea</i> sp.                                                 | 0         | 1         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 2         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Epitonium</i> sp.                                                 | 0         | 1         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                                                 | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 3         | 3         | 0        | 1         | 0         | 1         | 1        | 0        | 0         | 0         | 1         | 1         | 2         | 1         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 1         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Jujubinus</i> sp.                                                 | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                                                 | 0         | 2         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 2         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 2         | 0        | 0         | 0         | 2         | 0        | 0        | 0         | 0         | 0         | 0         | 3         | 1         |
| <i>Pisania striata</i>                                               | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 1         | 0         | 0         | 0         | 0         | 2         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                    | 0         | 0         | 0        | 0         | 0         | 0         | 1        | 0        | 1         | 0         | 0         | 0         | 0         | 3         |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Turbonilla lactea</i>                                             | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                                   | 1         | 1         | 0        | 0         | 1         | 0         | 0        | 0        | 0         | 0         | 1         | 1         | 1         | 0         |
| <i>Ostrea</i> sp.                                                    | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 1         | 2         | 1        | 1         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Abra</i> sp.                                                      | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| other/unknown marine                                                 | 0         | 0         | 0        | 1         | 1         | 0         | 0        | 0        | 0         | 1         | 1         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 21        | 7         | 6        | 7         | 2         | 4         | 1        | 3        | 9         | 12        | 19        | 23        | 37        | 39        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 2         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 0        | 0         | 1         | 0         | 1        | 0        | 0         | 1         | 1         | 1         | 1         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 2         | 0         | 0         |
| <i>Ceruella caruanae</i>                                             | 0         | 0         | 0        | 0         | 1         | 0         | 1        | 1        | 0         | 1         | 1         | 0         | 0         | 1         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 1         | 1         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 0         | 0        | 0         | 1         | 0         | 1        | 0        | 0         | 1         | 1         | 0         | 1         | 0         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 2         | 5         | 0        | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 1         |
| Helicioid fragments                                                  | 1         | 1         | 1        | 1         | 1         | 1         | 1        | 1        | 1         | 1         | 1         | 1         | 1         | 1         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 0         | 1        | 1         | 0         | 0         | 0        | 0        | 0         | 0         | 1         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                      | <b>50</b> | <b>38</b> | <b>9</b> | <b>13</b> | <b>10</b> | <b>10</b> | <b>8</b> | <b>6</b> | <b>13</b> | <b>20</b> | <b>29</b> | <b>34</b> | <b>53</b> | <b>60</b> |

The molluscan counts for the deep cores

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 542       | 546       | 549       | 553       | 561       | 566       | 571       | 576       | 581       | 586       | 591       | 596       | 601       | 606      |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| <i>Alvania</i> sp.                                                   | 0         | 2         | 0         | 0         | 2         | 3         | 5         | 0         | 0         | 0         | 1         | 0         | 0         | 0        |
| <i>Bittium</i> sp.                                                   | 0         | 0         | 0         | 0         | 3         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Calliostoma</i> sp.                                               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Cerithium</i> sp.                                                 | 3         | 6         | 1         | 3         | 3         | 2         | 3         | 1         | 4         | 3         | 1         | 2         | 4         | 1        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Epitonium</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Gibberula</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Gibbula</i> sp.                                                   | 2         | 0         | 1         | 0         | 1         | 3         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Jujubinus</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Pisania striata</i>                                               | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Rissoa</i> sp.                                                    | 3         | 2         | 0         | 0         | 5         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Turbonilla lactea</i>                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Cardium</i> sp.                                                   | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Ostrea</i> sp.                                                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0        |
| <i>Abra</i> sp.                                                      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| other/unknown marine                                                 | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 23        | 29        | 30        | 13        | 27        | 29        | 21        | 23        | 22        | 16        | 20        | 24        | 6         | 2        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 1        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 1        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 0         | 0         | 1         | 1         | 0         | 1         | 0         | 1         | 0         | 1         | 0         | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 3        |
| <i>Cernuella caruanae</i>                                            | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        |
| Helicoid fragments                                                   | 1         | 1         | 0         | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        |
| <b>Total amount of molluscs</b>                                      | <b>36</b> | <b>45</b> | <b>34</b> | <b>20</b> | <b>48</b> | <b>48</b> | <b>31</b> | <b>34</b> | <b>32</b> | <b>23</b> | <b>24</b> | <b>31</b> | <b>11</b> | <b>9</b> |

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 611      | 615       | 641       | 644       | 648       | 651       | 655       | 658       | 661       | 665       | 668       | 671       | 675      | 678      |
|----------------------------------------------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Bittium</i> sp.                                                   | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 0         | 0        | 0        |
| <i>Calliostoma</i> sp.                                               | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cerithium</i> sp.                                                 | 0        | 1         | 1         | 2         | 1         | 0         | 2         | 2         | 1         | 1         | 0         | 1         | 1        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Epitonium</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Gibberula</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Jujubinus</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Nassarius</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pisania striata</i>                                               | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0         | 1         | 0         | 0         | 1         | 2         | 0         | 2         | 0         | 1         | 0        | 0        |
| <i>Tricolia</i> sp.                                                  | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Turbonilla lactea</i>                                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 0        | 3         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 3         | 0         | 0        | 0        |
| <i>Ostrea</i> sp.                                                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0        | 0        |
| <i>Abra</i> sp.                                                      | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| other/unknown marine                                                 | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 1         | 1        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 4        | 35        | 11        | 16        | 32        | 54        | 41        | 32        | 10        | 5         | 3         | 6         | 5        | 1        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0         | 1         | 1         | 0         | 1         | 1         | 1         | 1         | 1         | 0         | 1         | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Ceruella caruanae</i>                                             | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0         | 0         | 0         | 1         | 0         | 3         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| Helicioid fragments                                                  | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>5</b> | <b>41</b> | <b>16</b> | <b>26</b> | <b>37</b> | <b>58</b> | <b>53</b> | <b>42</b> | <b>16</b> | <b>11</b> | <b>12</b> | <b>12</b> | <b>8</b> | <b>3</b> |

Table A5.2 (cont.).

| Species/Depth (cm)                                                   | 687       | 692       | 697       | 702       | 707        | 712       | 717       | 722       | 727       | 732      | 737      | 741       |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|----------|----------|-----------|
| <i>Alvania</i> sp.                                                   | 0         | 0         | 0         | 0         | 0          | 0         | 1         | 0         | 2         | 0        | 0        | 0         |
| <i>Bittium</i> sp.                                                   | 0         | 0         | 0         | 0         | 0          | 0         | 1         | 2         | 3         | 0        | 0        | 2         |
| <i>Calliostoma</i> sp.                                               | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Cerithium</i> sp.                                                 | 2         | 0         | 0         | 0         | 2          | 2         | 6         | 7         | 0         | 0        | 3        | 2         |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)                             | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Epitonium</i> sp.                                                 | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Gibberula</i> sp.                                                 | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Gibbula</i> sp.                                                   | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 1         | 0        | 2        | 1         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Jujubinus</i> sp.                                                 | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Pisania striata</i>                                               | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)                            | 0         | 0         | 0         | 0         | 0          | 0         | 1         | 0         | 0         | 0        | 0        | 0         |
| <i>Rissoa</i> sp.                                                    | 0         | 1         | 0         | 0         | 0          | 1         | 0         | 1         | 1         | 0        | 0        | 1         |
| <i>Tricolia</i> sp.                                                  | 0         | 1         | 0         | 0         | 0          | 0         | 1         | 0         | 0         | 0        | 0        | 0         |
| <i>Turbonilla lactea</i>                                             | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 1         | 0         | 0        | 0        | 0         |
| <i>Cardium</i> sp.                                                   | 0         | 0         | 0         | 0         | 0          | 0         | 1         | 3         | 0         | 0        | 0        | 0         |
| <i>Ostrea</i> sp.                                                    | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Abra</i> sp.                                                      | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 1        | 0         |
| other/unknown marine                                                 | 1         | 0         | 0         | 0         | 0          | 0         | 1         | 0         | 0         | 1        | 0        | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 68        | 53        | 81        | 73        | 154        | 25        | 24        | 27        | 11        | 1        | 0        | 1         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0         | 0         | 1          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Xerotricha conspurcata</i> (Draparnaud, 1801)                     | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 2         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 1         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 1         | 0         | 2         | 1          | 1         | 1         | 0         | 0         | 0        | 0        | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 1         | 1         | 1          | 1         | 1         | 1         | 0         | 1        | 0        | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 2         | 0         | 1         | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0         |
| <i>Ceruella caruanae</i>                                             | 0         | 0         | 0         | 1         | 0          | 0         | 1         | 0         | 0         | 0        | 0        | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 1         | 0         | 0         | 1          | 0         | 0         | 1         | 1         | 0        | 0        | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 1         | 0        | 0        | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 1         | 1         | 1         | 2          | 1         | 1         | 1         | 1         | 1        | 1        | 1         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0         | 0         | 0          | 0         | 1         | 0         | 0         | 0        | 0        | 0         |
| Helicoid fragments                                                   | 1         | 1         | 1         | 1         | 1          | 1         | 1         | 1         | 1         | 1        | 1        | 1         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0         | 1         | 0         | 0         | 1          | 0         | 0         | 0         | 1         | 0        | 0        | 0         |
| <b>Total amount of molluscs</b>                                      | <b>74</b> | <b>63</b> | <b>86</b> | <b>81</b> | <b>164</b> | <b>32</b> | <b>42</b> | <b>45</b> | <b>23</b> | <b>5</b> | <b>8</b> | <b>10</b> |

Table A5.3. *Salina Deep Core non-marine.*

| Species/Depth (cm)                                                   | 1113      | 1121      | 1131      | 1140      | 1150      | 1160      | 1191      | 1201      | 1211      | 1216      | 1221      | 1231      |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 4         | 5         | 6         | 0         | 8         | 6         | 2         | 3         | 4         | 0         | 0         | 2         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 9         | 0         | 0         | 1         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 3         | 3         | 7         | 0         | 2         | 0         | 2         | 0         | 3         | 1         | 1         | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 1         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 1         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 1         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 4         | 6         | 8         | 0         | 0         | 0         | 0         | 0         | 2         | 2         | 0         | 2         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 1         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 3         | 1         | 1         | 7         | 6         | 3         | 0         | 5         | 2         | 3         | 0         | 2         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                              | 8         | 5         | 13        | 0         | 3         | 2         | 2         | 6         | 10        | 4         | 5         | 4         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 7         | 4         | 10        | 6         | 7         | 6         | 1         | 2         | 0         | 7         | 9         | 7         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoidae                                                           | 1         | 0         | 2         | 3         | 0         | 0         | 1         | 1         | 3         | 0         | 0         | 2         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 9         | 2         | 5         | 0         | 6         | 2         | 6         | 2         | 7         | 8         | 2         | 2         |
| <b>Total amount of molluscs</b>                                      | <b>41</b> | <b>28</b> | <b>54</b> | <b>18</b> | <b>34</b> | <b>20</b> | <b>18</b> | <b>21</b> | <b>43</b> | <b>30</b> | <b>19</b> | <b>26</b> |

The molluscan counts for the deep cores

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 1241      | 1247      | 1257      | 1267      | 1277      | 1290      | 1300      | 1310      | 1384      | 1394      | 1404      | 1414      |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 1         | 2         | 3         | 4         | 0         | 7         | 17        | 8         | 0         | 1         | 1         | 2         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0         | 2         | 0         | 4         | 1         | 0         | 3         | 3         | 1         | 2         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0         | 1         | 1         | 2         | 0         | 0         | 1         | 3         | 0         | 1         | 2         | 1         |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 1         | 1         | 2         | 2         | 2         | 3         | 4         | 7         | 1         | 1         | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 1         | 1         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 1         | 0         | 0         | 4         | 1         | 1         | 8         | 1         | 0         | 0         | 0         | 1         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 2         | 0         | 2         | 7         | 0         | 2         | 1         | 0         | 1         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerņuella caruanae</i> (Kobelt, 1888)                             | 1         | 3         | 6         | 14        | 5         | 8         | 0         | 10        | 3         | 5         | 4         | 5         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 7         | 9         | 9         | 17        | 16        | 13        | 23        | 26        | 1         | 0         | 0         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoidae                                                           | 1         | 0         | 3         | 7         | 1         | 0         | 0         | 1         | 1         | 2         | 0         | 1         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 2         | 6         | 5         | 13        | 1         | 4         | 12        | 8         | 3         | 2         | 4         | 6         |
| <b>Total amount of molluscs</b>                                      | <b>19</b> | <b>25</b> | <b>32</b> | <b>78</b> | <b>30</b> | <b>41</b> | <b>72</b> | <b>71</b> | <b>12</b> | <b>15</b> | <b>14</b> | <b>17</b> |

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 1425      | 1434      | 1444      | 1450      | 1459      | 1470      | 1479      | 1489      | 1630      | 1640     | 1650      | 1682     |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0         | 5         | 2         | 0         | 3         | 3         | 9         | 2         | 2         | 0        | 3         | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0        | 0         | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 1         | 0         | 0         | 0         | 2         | 0         | 1         | 3         | 0         | 1        | 1         | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 0         | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 3         | 0         | 0        | 0         | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0         | 3         | 5         | 1         | 0         | 3         | 9         | 3         | 1         | 0        | 1         | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 0         | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 1         | 5         | 2         | 2         | 0         | 2         | 2         | 1         | 1        | 0         | 6        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0         | 2         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0        | 1         | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0         | 1         | 1         | 0         | 1         | 0         | 0         | 0         | 1         | 0        | 0         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 1         | 0         | 0        | 1         | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 2         | 0         | 0         | 0         | 0         | 1         | 5         | 0         | 0         | 0        | 0         | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 1         | 1         | 0         | 0         | 2         | 1         | 0         | 0        | 1         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 2         | 7         | 6         | 7         | 7         | 5         | 8         | 1         | 0         | 0        | 9         | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0         | 2         | 4         | 5         | 19        | 13        | 0         | 0        | 0         | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        |
| Helicoidae                                                           | 3         | 0         | 2         | 0         | 2         | 2         | 3         | 6         | 1         | 1        | 0         | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 1         | 6         | 6         | 0         | 10        | 5         | 9         | 8         | 6         | 1        | 6         | 2        |
| <b>Total amount of molluscs</b>                                      | <b>12</b> | <b>26</b> | <b>30</b> | <b>13</b> | <b>34</b> | <b>25</b> | <b>73</b> | <b>45</b> | <b>13</b> | <b>4</b> | <b>23</b> | <b>8</b> |

The molluscan counts for the deep cores

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 1692     | 1702     | 1710     | 1720     | 1730     | 1740     | 1745     | 1755     | 1765     | 1770     | 1780     | 1790     |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 1        | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 2        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerņuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 1        | 0        | 0        | 0        | 1        | 1        | 0        | 1        | 1        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 1        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        |
| <b>Total amount of molluscs</b>                                      | <b>2</b> | <b>3</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>4</b> | <b>5</b> | <b>7</b> |

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 1841     | 1851     | 1861     | 1869     | 1879     | 1889     | 1890     | 1900     | 1910     | 1920     | 1930     | 1940      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 1         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4        | 3         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 6         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| Helicoidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2         |
| <b>Total amount of molluscs</b>                                      | <b>5</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>9</b> | <b>13</b> |

The molluscan counts for the deep cores

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 1971     | 1981     | 1991     | 1994     | 2004     | 2014     | 2023     | 2033     | 2043     | 2046     | 2056     | 2066     |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerņuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicioidae                                                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 2070     | 2080     | 2100     | 2106     | 2113     | 2123     | 2133     | 2143     | 2153     | 2163     | 2183     | 2192     |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 1        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 1        | 0        | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>5</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>2</b> | <b>1</b> |

The molluscan counts for the deep cores

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 2202     | 2222     | 2240     | 2260     | 2285     | 2295     | 2305     | 2308     | 2318      | 2328      | 2338     | 2348     |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 5         | 1        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 2         | 1        | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7         | 2        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 2        | 6         | 0         | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 13        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 1        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 1         | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                              | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1         | 5         | 2        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 1        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        |
| Helicoidae                                                           | 0        | 0        | 0        | 1        | 0        | 1        | 1        | 0        | 1         | 0         | 0        | 1        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 3         | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>3</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>3</b> | <b>15</b> | <b>37</b> | <b>8</b> | <b>1</b> |

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 2358     | 2363     | 2368     | 2380     | 2390     | 2398     | 2408     | 2418      | 2428      | 2458      | 2468     | 2508      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 3         | 1         | 3         | 1        | 10        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 4         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 0         | 1         | 0        | 8         |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 1        | 1        | 0        | 0        | 2        | 0        | 1         | 0         | 2         | 0        | 8         |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 2         | 1         | 0        | 0         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 1        | 14        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0         | 1         | 0         | 0        | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0         | 0         | 0         | 0        | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1         | 0        | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 2         | 0         | 0        | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 3         | 1         | 2         | 0        | 5         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0         | 0         | 0        | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 1         | 0         | 3        | 4         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 2         | 0        | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 1         |
| Helicoidae                                                           | 0        | 0        | 0        | 1        | 0        | 3        | 1        | 2         | 2         | 0         | 1        | 0         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 2         | 1        | 8         |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>2</b> | <b>4</b> | <b>1</b> | <b>1</b> | <b>7</b> | <b>4</b> | <b>11</b> | <b>10</b> | <b>14</b> | <b>7</b> | <b>63</b> |

The molluscan counts for the deep cores

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 2528     | 2550     | 2570     | 2580     | 2590     | 2600     | 2613     | 2625     | 2638     | 2646      | 2656      | 2665      |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 3         | 2         | 4         |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 2         | 2         | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1         |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1         | 0         | 1         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0         | 0         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1         | 1         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 3         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                              | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 2         | 1         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| Helicoidae                                                           | 0        | 0        | 1        | 0        | 0        | 0        | 1        | 1        | 1        | 0         | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                      | <b>2</b> | <b>6</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>4</b> | <b>3</b> | <b>10</b> | <b>16</b> | <b>11</b> |

Table A5.3 (cont.).

| Species/Depth (cm)                                                   | 2670     | 2687     | 2693     | 2696     | 2700     | 2782     | 2786     | 2792     | 2797     | 2804     | 2807     | 2812     |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 0        | 1        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 0        | 2        | 0        | 1        | 0        | 1        | 1        | 1        | 0        | 1        | 1        | 1        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>2</b> | <b>6</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>4</b> | <b>2</b> | <b>3</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> |

**Table A5.3** (cont.).

| Species/Depth (cm)                                                   | 2820     | 2825     | 2832     | 2850     |
|----------------------------------------------------------------------|----------|----------|----------|----------|
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                              | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)                  | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                                 | 0        | 0        | 0        | 0        |
| <i>Gyraulus</i> ( <i>Armiger</i> ) <i>crista</i> (Linnaeus, 1758)    | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> sp. (Feilden, 1879)                                   | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                             | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977                 | 0        | 0        | 0        | 0        |
| <i>Planorbis moquini</i> (Requien, 1848)                             | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)             | 0        | 0        | 0        | 0        |
| <i>Pisidium</i> Pfeiffer, 1821                                       | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 0        | 1        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 1        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 1        |
| <i>Xerotricha</i> Monterosato, 1892                                  | 0        | 0        | 0        | 0        |
| <i>Cerneuella caruanae</i> (Kobelt, 1888)                            | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        |
| Helicoidae                                                           | 1        | 0        | 0        | 1        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>5</b> |

# Appendix 5

**Table A5.4. Salina Deep Core marine.**

| Species/Depth (cm)                                | 1113        | 1121        | 1131        | 1140        | 1150        | 1160        | 1191      | 1201       | 1211       | 1216        | 1221       | 1231        |
|---------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|------------|-------------|------------|-------------|
| Cardiidae                                         | 0           | 0           | 30          | 4           | 48          | 0           | 0         | 0          | 0          | 50          | 0          | 9           |
| <i>Cerastoderma</i> sp.                           | 54          | 49          | 20          | 19          | 32          | 77          | 26        | 42         | 119        | 45          | 21         | 45          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 108         | 140         | 380         | 157         | 602         | 363         | 3         | 1          | 0          | 40          | 14         | 9           |
| <i>Parvicardium</i> sp.                           | 210         | 133         | 110         | 49          | 176         | 286         | 0         | 0          | 7          | 85          | 12         | 9           |
| Pectinidae                                        | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 5           | 0          | 0           |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 5           | 1          | 0           |
| <i>Tellina</i> sp.                                | 210         | 182         | 180         | 48          | 288         | 151         | 6         | 49         | 7          | 60          | 34         | 72          |
| <i>Abra</i> sp.                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Macra</i> sp.                                  | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Nucula</i> sp.                                 | 0           | 0           | 0           | 4           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Donax</i> sp.                                  | 0           | 14          | 0           | 0           | 0           | 11          | 0         | 0          | 0          | 0           | 0          | 18          |
| Veneridae                                         | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 10          | 0          | 0           |
| <i>Alvania</i> sp.                                | 24          | 21          | 20          | 5           | 32          | 0           | 0         | 0          | 0          | 0           | 0          | 9           |
| <i>Bulla striata</i> (Brugière, 1792)             | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Gibberula</i> sp.                              | 6           | 21          | 0           | 1           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Nassarius</i> sp.                              | 6           | 21          | 0           | 2           | 0           | 22          | 0         | 0          | 0          | 5           | 0          | 0           |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0           | 7           | 0           | 13          | 0           | 0           | 0         | 1          | 0          | 0           | 0          | 0           |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 48          | 70          | 50          | 0           | 80          | 99          | 0         | 1          | 0          | 20          | 1          | 9           |
| Turridiidae                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 5           | 0          | 0           |
| <i>Turritella communis</i> (Risso, 1826)          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Acanthocardia</i> sp.                          | 0           | 0           | 5           | 1           | 7           | 0           | 0         | 2          | 0          | 5           | 1          | 0           |
| <i>Corbula gibba</i> (Oliv, 1792)                 | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 21         | 0           | 8          | 0           |
| <i>Dentalium</i> sp.                              | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Rissoa</i> sp.                                 | 450         | 70          | 330         | 308         | 528         | 660         | 5         | 24         | 35         | 260         | 93         | 225         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0           | 0           | 5           | 0           | 8           | 0           | 0         | 0          | 0          | 5           | 0          | 0           |
| <i>Gibbula</i> sp.                                | 54          | 3           | 10          | 17          | 16          | 77          | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Ostrea</i> sp.                                 | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 1          | 0           |
| <i>Tricolia</i> sp.                               | 18          | 49          | 40          | 22          | 64          | 11          | 0         | 0          | 0          | 0           | 1          | 0           |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 1110        | 354         | 1160        | 611         | 1856        | 1353        | 38        | 3          | 350        | 1180        | 339        | 630         |
| <i>Cerithium</i> sp.                              | 54          | 28          | 30          | 80          | 48          | 110         | 0         | 0          | 0          | 20          | 3          | 18          |
| <i>Cerithiopsis</i> sp.                           | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0           | 0           | 0           | 1           | 0           | 1           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0           | 0           | 0           | 4           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Natica</i> sp.                                 | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| Kelliidae                                         | 0           | 49          | 70          | 38          | 102         | 33          | 0         | 0          | 0          | 0           | 5          | 0           |
| <i>Melanella</i> sp.                              | 0           | 7           | 10          | 0           | 16          | 0           | 0         | 2          | 0          | 0           | 0          | 0           |
| <i>Turbonilla</i> sp.                             | 72          | 28          | 30          | 12          | 48          | 66          | 0         | 1          | 0          | 30          | 7          | 0           |
| <i>Azorinus</i> sp.                               | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Glycimeris</i> sp.                             | 0           | 0           | 0           | 5           | 0           | 0           | 0         | 3          | 0          | 0           | 0          | 0           |
| Mytilidae                                         | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| unknown                                           | 0           | 7           | 0           | 9           | 0           | 0           | 0         | 1          | 0          | 0           | 3          | 18          |
| <i>Hydrobia</i> Hartmann, 1821                    | 576         | 546         | 400         | 583         | 640         | 759         | 4         | 0          | 7          | 50          | 6          | 18          |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0           | 0           | 0           | 2           | 0           | 0           | 0         | 0          | 0          | 0           | 0          | 0           |
| <i>Paracentrotus lividus</i>                      | 0           | 1           | 1           | 1           | 1           | 1           | 0         | 0          | 0          | 0           | 0          | 1           |
| <b>Total amount of molluscs</b>                   | <b>3000</b> | <b>1800</b> | <b>2881</b> | <b>1996</b> | <b>4592</b> | <b>4080</b> | <b>82</b> | <b>130</b> | <b>546</b> | <b>1880</b> | <b>550</b> | <b>1090</b> |

The molluscan counts for the deep cores

Table A5.4 (cont.).

| Species/Depth (cm)                                | 1241       | 1247        | 1257        | 1267        | 1277        | 1290        | 1310        | 1384      | 1394       | 1404      | 1414      | 1425      |
|---------------------------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|
| Cardiidae                                         | 28         | 10          | 0           | 0           | 27          | 78          | 361         | 0         | 0          | 3         | 9         | 1         |
| <i>Cerastoderma</i> sp.                           | 12         | 60          | 80          | 18          | 108         | 221         | 0           | 20        | 24         | 10        | 13        | 8         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 16         | 115         | 230         | 63          | 81          | 351         | 456         | 1         | 3          | 5         | 3         | 4         |
| <i>Parvicardium</i> sp.                           | 8          | 85          | 110         | 72          | 108         | 520         | 152         | 3         | 9          | 6         | 5         | 2         |
| Pectinidae                                        | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 1         | 2          | 0         | 0         | 0         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0          | 0           | 0           | 0           | 9           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Tellina</i> sp.                                | 12         | 90          | 220         | 211         | 108         | 429         | 361         | 6         | 16         | 16        | 7         | 9         |
| <i>Abra</i> sp.                                   | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Mactra</i> sp.                                 | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Nucula</i> sp.                                 | 0          | 0           | 10          | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Donax</i> sp.                                  | 0          | 0           | 20          | 0           | 2           | 13          | 38          | 0         | 0          | 0         | 0         | 0         |
| Veneridae                                         | 0          | 0           | 0           | 9           | 0           | 0           | 38          | 0         | 0          | 0         | 0         | 0         |
| <i>Alvania</i> sp.                                | 0          | 0           | 0           | 0           | 0           | 13          | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Bulla striata</i> (Brugière, 1792)             | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 1         | 0          | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                              | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                              | 0          | 0           | 0           | 0           | 36          | 13          | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0          | 0           | 0           | 0           | 0           | 13          | 38          | 0         | 0          | 0         | 0         | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0          | 15          | 10          | 9           | 9           | 156         | 76          | 0         | 4          | 1         | 0         | 0         |
| Turridiidae                                       | 0          | 0           | 0           | 0           | 9           | 13          | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Turritella communis</i> (Risso, 1826)          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Acanthocardia</i> sp.                          | 0          | 0           | 0           | 18          | 0           | 0           | 0           | 0         | 0          | 1         | 0         | 0         |
| <i>Corbula gibba</i> (Olivi, 1792)                | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 1         | 11         | 1         | 5         | 3         |
| <i>Dentalium</i> sp.                              | 0          | 0           | 10          | 0           | 0           | 13          | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                 | 40         | 230         | 370         | 216         | 234         | 1443        | 399         | 9         | 14         | 6         | 6         | 3         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0          | 5           | 0           | 4           | 9           | 0           | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                | 0          | 5           | 0           | 9           | 9           | 13          | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Ostrea</i> sp.                                 | 2          | 0           | 5           | 9           | 0           | 13          | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Tricolia</i> sp.                               | 0          | 15          | 10          | 0           | 0           | 0           | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 196        | 1420        | 2882        | 1719        | 2088        | 2860        | 6555        | 31        | 28         | 10        | 5         | 20        |
| <i>Cerithium</i> sp.                              | 0          | 35          | 30          | 9           | 27          | 169         | 85          | 0         | 0          | 0         | 0         | 0         |
| <i>Cerithiopsis</i> sp.                           | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0          | 0           | 0           | 0           | 0           | 0           | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0          | 0           | 0           | 0           | 0           | 0           | 19          | 0         | 0          | 0         | 0         | 0         |
| <i>Natica</i> sp.                                 | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| Kelliidae                                         | 0          | 45          | 0           | 27          | 0           | 39          | 152         | 0         | 4          | 5         | 3         | 3         |
| <i>Melanella</i> sp.                              | 0          | 0           | 10          | 0           | 9           | 26          | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Turbonilla</i> sp.                             | 4          | 0           | 100         | 72          | 81          | 169         | 114         | 0         | 3          | 1         | 0         | 1         |
| <i>Azorinus</i> sp.                               | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Glycimeris</i> sp.                             | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| Mytilidae                                         | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0         | 0          | 0         | 0         | 0         |
| unknown                                           | 12         | 0           | 20          | 9           | 27          | 0           | 76          | 0         | 0          | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                    | 0          | 25          | 140         | 45          | 0           | 507         | 209         | 0         | 7          | 3         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0          | 5           | 0           | 0           | 0           | 39          | 0           | 0         | 2          | 0         | 0         | 1         |
| <i>Paracentrotus lividus</i>                      | 0          | 1           | 1           | 0           | 0           | 0           | 1           | 0         | 0          | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                   | <b>330</b> | <b>2161</b> | <b>4258</b> | <b>2519</b> | <b>2981</b> | <b>7111</b> | <b>9244</b> | <b>73</b> | <b>127</b> | <b>68</b> | <b>56</b> | <b>55</b> |

Table A5.4 (cont.).

| Species/Depth (cm)                                | 1434       | 1444       | 1450       | 1459       | 1470        | 1479         | 1489        | 1630      | 1640      | 1650       | 1682     | 1692     |
|---------------------------------------------------|------------|------------|------------|------------|-------------|--------------|-------------|-----------|-----------|------------|----------|----------|
| Cardiidae                                         | 16         | 0          | 0          | 0          | 0           | 159          | 51          | 0         | 1         | 14         | 0        | 2        |
| <i>Cerastoderma</i> sp.                           | 14         | 15         | 32         | 49         | 56          | 371          | 102         | 4         | 3         | 60         | 2        | 1        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 3          | 9          | 3          | 35         | 70          | 424          | 374         | 1         | 2         | 30         | 0        | 0        |
| <i>Parvicardium</i> sp.                           | 4          | 7          | 4          | 49         | 73          | 212          | 459         | 5         | 1         | 35         | 0        | 0        |
| Pectinidae                                        | 1          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 5          | 0        | 1        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0          | 0          | 1          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Tellina</i> sp.                                | 22         | 22         | 12         | 70         | 66          | 212          | 255         | 4         | 3         | 35         | 0        | 0        |
| <i>Abra</i> sp.                                   | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Mactra</i> sp.                                 | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Nucula</i> sp.                                 | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Donax</i> sp.                                  | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| Veneridae                                         | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Alvania</i> sp.                                | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Bulla striata</i> (Brugière, 1792)             | 1          | 0          | 0          | 0          | 7           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Gibberula</i> sp.                              | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Nassarius</i> sp.                              | 0          | 0          | 1          | 0          | 0           | 159          | 34          | 0         | 0         | 0          | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 1        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 1          | 0          | 0          | 0          | 14          | 212          | 51          | 1         | 1         | 0          | 0        | 0        |
| Turridiidae                                       | 0          | 0          | 1          | 0          | 0           | 106          | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Turritella communis</i> (Risso, 1826)          | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Acanthocardia</i> sp.                          | 0          | 1          | 0          | 0          | 4           | 106          | 17          | 0         | 0         | 0          | 0        | 1        |
| <i>Corbula gibba</i> (Oliv, 1792)                 | 5          | 1          | 0          | 28         | 7           | 106          | 68          | 1         | 4         | 5          | 1        | 0        |
| <i>Dentalium</i> sp.                              | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Rissoa</i> sp.                                 | 4          | 28         | 13         | 154        | 165         | 2704         | 1088        | 8         | 3         | 115        | 0        | 0        |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0          | 0          | 0          | 0          | 0           | 53           | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Gibbula</i> sp.                                | 0          | 1          | 0          | 0          | 0           | 0            | 17          | 0         | 0         | 10         | 0        | 0        |
| <i>Ostrea</i> sp.                                 | 1          | 0          | 0          | 0          | 3           | 1            | 17          | 0         | 0         | 5          | 0        | 0        |
| <i>Tricolia</i> sp.                               | 0          | 1          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 97         | 132        | 50         | 336        | 630         | 6344         | 3230        | 19        | 10        | 349        | 1        | 1        |
| <i>Cerithium</i> sp.                              | 1          | 0          | 1          | 0          | 7           | 371          | 34          | 0         | 0         | 5          | 0        | 0        |
| <i>Cerithiopsis</i> sp.                           | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Natica</i> sp.                                 | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| Kelliidae                                         | 3          | 8          | 2          | 7          | 0           | 159          | 51          | 0         | 3         | 5          | 0        | 0        |
| <i>Melanella</i> sp.                              | 0          | 0          | 0          | 0          | 0           | 0            | 17          | 0         | 0         | 0          | 0        | 0        |
| <i>Turbonilla</i> sp.                             | 0          | 0          | 1          | 28         | 35          | 212          | 153         | 0         | 0         | 10         | 0        | 0        |
| <i>Azorinus</i> sp.                               | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Glycimeris</i> sp.                             | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| Mytilidae                                         | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| unknown                                           | 0          | 0          | 0          | 0          | 0           | 0            | 0           | 0         | 0         | 0          | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 7          | 2          | 1          | 0          | 7           | 159          | 119         | 0         | 0         | 30         | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 2          | 1          | 0          | 7          | 0           | 0            | 0           | 0         | 3         | 0          | 0        | 0        |
| <i>Paracentrotus lividus</i>                      | 0          | 0          | 0          | 0          | 1           | 1            | 0           | 0         | 0         | 0          | 1        | 0        |
| <b>Total amount of molluscs</b>                   | <b>182</b> | <b>228</b> | <b>122</b> | <b>763</b> | <b>1145</b> | <b>12071</b> | <b>6137</b> | <b>43</b> | <b>34</b> | <b>713</b> | <b>6</b> | <b>6</b> |

The molluscan counts for the deep cores

Table A5.4 (cont.).

| Species/Depth (cm)                                | 1702     | 1710     | 1720     | 1730     | 1740     | 1745      | 1755      | 1765     | 1770      | 1780      | 1790       | 1841      |
|---------------------------------------------------|----------|----------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|------------|-----------|
| Cardiidae                                         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1        | 0         | 0         | 0          | 0         |
| <i>Cerastoderma</i> sp.                           | 0        | 1        | 1        | 1        | 0        | 0         | 1         | 0        | 1         | 3         | 4          | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0        | 1        | 1        | 0        | 0        | 0         | 1         | 1        | 0         | 2         | 5          | 0         |
| <i>Parvicardium</i> sp.                           | 0        | 0        | 0        | 1        | 0        | 2         | 1         | 0        | 1         | 7         | 10         | 0         |
| Pectinidae                                        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 1         | 0          | 0         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 1          | 0         |
| <i>Tellina</i> sp.                                | 1        | 2        | 0        | 1        | 1        | 1         | 3         | 1        | 1         | 3         | 7          | 0         |
| <i>Abra</i> sp.                                   | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1        | 0         | 0         | 0          | 5         |
| <i>Mactra</i> sp.                                 | 0        | 0        | 0        | 1        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Nucula</i> sp.                                 | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Donax</i> sp.                                  | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| Veneridae                                         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Alvania</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Bulla striata</i> (Brugière, 1792)             | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Gibberula</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Nassarius</i> sp.                              | 0        | 1        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| Turridiidae                                       | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Turritella communis</i> (Risso, 1826)          | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Acanthocardia</i> sp.                          | 1        | 0        | 0        | 0        | 0        | 1         | 0         | 1        | 0         | 1         | 2          | 0         |
| <i>Corbula gibba</i> (Olivi, 1792)                | 0        | 1        | 2        | 1        | 0        | 1         | 1         | 0        | 0         | 3         | 4          | 1         |
| <i>Dentalium</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Rissoa</i> sp.                                 | 1        | 1        | 1        | 1        | 1        | 6         | 5         | 0        | 3         | 13        | 29         | 0         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0        | 0         | 1         | 0          | 0         |
| <i>Gibbula</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0        | 0         | 0         | 1          | 0         |
| <i>Ostrea</i> sp.                                 | 0        | 0        | 0        | 1        | 0        | 0         | 0         | 0        | 0         | 0         | 1          | 0         |
| <i>Tricolia</i> sp.                               | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 1         | 0          | 0         |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 0        | 0        | 0        | 2        | 3        | 12        | 8         | 1        | 20        | 54        | 64         | 5         |
| <i>Cerithium</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 1         | 2         | 4          | 0         |
| <i>Cerithiopsis</i> sp.                           | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Natica</i> sp.                                 | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| Kelliidae                                         | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 1        | 0         | 0         | 0          | 0         |
| <i>Melanella</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Turbonilla</i> sp.                             | 0        | 0        | 0        | 0        | 0        | 2         | 0         | 1        | 1         | 2         | 1          | 4         |
| <i>Azorinus</i> sp.                               | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Glycimeris</i> sp.                             | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| Mytilidae                                         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| unknown                                           | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0        | 0         | 0         | 0          | 0         |
| <i>Hydrobia</i> Hartmann, 1821                    | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0          | 0         |
| <i>Paracentrotus lividus</i>                      | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0        | 0         | 0         | 0          | 1         |
| <b>Total amount of molluscs</b>                   | <b>3</b> | <b>7</b> | <b>6</b> | <b>9</b> | <b>5</b> | <b>29</b> | <b>22</b> | <b>8</b> | <b>28</b> | <b>93</b> | <b>133</b> | <b>16</b> |

Table A5.4 (cont.).

| Species/Depth (cm)                                | 1851     | 1861     | 1869      | 1879     | 1889     | 1890      | 1900      | 1910      | 1920       | 1930      | 1940      | 1971      |
|---------------------------------------------------|----------|----------|-----------|----------|----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| Cardiidae                                         | 0        | 0        | 0         | 0        | 1        | 3         | 0         | 0         | 1          | 0         | 0         | 0         |
| <i>Cerastoderma</i> sp.                           | 1        | 1        | 1         | 1        | 0        | 0         | 0         | 0         | 5          | 2         | 1         | 3         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0        | 0        | 1         | 1        | 0        | 0         | 0         | 1         | 5          | 1         | 1         | 2         |
| <i>Parvicardium</i> sp.                           | 1        | 0        | 1         | 0        | 0        | 1         | 0         | 0         | 3          | 5         | 5         | 0         |
| Pectinidae                                        | 0        | 0        | 1         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Tellina</i> sp.                                | 0        | 1        | 1         | 1        | 1        | 3         | 0         | 2         | 5          | 1         | 3         | 1         |
| <i>Abra</i> sp.                                   | 0        | 0        | 0         | 0        | 0        | 12        | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Macra</i> sp.                                  | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Nucula</i> sp.                                 | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Donax</i> sp.                                  | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| Veneridae                                         | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Alvania</i> sp.                                | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 1         | 0         | 0         |
| <i>Bulla striata</i> (Brugière, 1792)             | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                              | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                              | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0        | 0        | 0         | 0        | 1        | 3         | 1         | 0         | 0          | 0         | 0         | 0         |
| Turridiidae                                       | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Turritella communis</i> (Risso, 1826)          | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Acanthocardia</i> sp.                          | 0        | 0        | 1         | 1        | 0        | 4         | 1         | 2         | 1          | 0         | 1         | 0         |
| <i>Corbula gibba</i> (Olivier, 1792)              | 1        | 1        | 3         | 1        | 0        | 15        | 5         | 10        | 3          | 1         | 5         | 3         |
| <i>Dentalium</i> sp.                              | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                 | 3        | 1        | 1         | 1        | 1        | 3         | 1         | 0         | 19         | 8         | 16        | 8         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 2          | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 1         | 1         | 0         |
| <i>Ostrea</i> sp.                                 | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 3          | 1         | 0         | 2         |
| <i>Tricolia</i> sp.                               | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 2        | 1        | 2         | 2        | 1        | 3         | 6         | 9         | 69         | 38        | 43        | 19        |
| <i>Cerithium</i> sp.                              | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 4          | 1         | 1         | 1         |
| <i>Cerithiopsis</i> sp.                           | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 1         | 0         |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 1          | 1         | 0         | 0         |
| <i>Natica</i> sp.                                 | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| Kelliidae                                         | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 3          | 0         | 0         | 0         |
| <i>Melanella</i> sp.                              | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Turbonilla</i> sp.                             | 0        | 0        | 1         | 0        | 0        | 4         | 3         | 7         | 0          | 1         | 1         | 1         |
| <i>Azorinus</i> sp.                               | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Glycimeris</i> sp.                             | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| Mytilidae                                         | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| unknown                                           | 1        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                    | 0        | 0        | 1         | 0        | 0        | 0         | 0         | 1         | 12         | 5         | 5         | 2         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0        | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 1         | 0         | 0         |
| <i>Paracentrotus lividus</i>                      | 0        | 1        | 0         | 0        | 0        | 0         | 0         | 0         | 1          | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                   | <b>9</b> | <b>6</b> | <b>14</b> | <b>8</b> | <b>5</b> | <b>51</b> | <b>17</b> | <b>32</b> | <b>137</b> | <b>68</b> | <b>84</b> | <b>42</b> |

The molluscan counts for the deep cores

Table A5.4 (cont.).

| Species/Depth (cm)                                | 1981      | 1991      | 1994      | 2004      | 2014      | 2023      | 2033      | 2043      | 2046      | 2056      | 2066      | 2070      |
|---------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Cardiidae                                         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 1         | 0         |
| <i>Cerastoderma</i> sp.                           | 2         | 1         | 1         | 2         | 0         | 3         | 1         | 1         | 2         | 2         | 1         | 4         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 2         | 2         | 0         | 1         | 0         | 3         | 1         | 2         | 0         | 0         | 0         | 5         |
| <i>Parvicardium</i> sp.                           | 1         | 4         | 0         | 1         | 1         | 0         | 1         | 1         | 2         | 1         | 1         | 1         |
| Pectinidae                                        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Tellina</i> sp.                                | 2         | 1         | 3         | 2         | 0         | 0         | 1         | 1         | 2         | 5         | 0         | 1         |
| <i>Abra</i> sp.                                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Mactra</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Nucula</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Donax</i> sp.                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Veneridae                                         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Alvania</i> sp.                                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Bulla striata</i> (Brugière, 1792)             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                              | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0         | 0         | 1         | 0         | 2         | 0         | 0         | 1         | 1         | 0         | 1         | 1         |
| Turridiidae                                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Turritella communis</i> (Risso, 1826)          | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 2         | 0         | 0         | 0         | 0         |
| <i>Acanthocardia</i> sp.                          | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 0         |
| <i>Corbula gibba</i> (Olivi, 1792)                | 3         | 2         | 0         | 4         | 7         | 2         | 1         | 4         | 1         | 3         | 4         | 1         |
| <i>Dentalium</i> sp.                              | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                 | 6         | 4         | 4         | 2         | 3         | 6         | 3         | 5         | 1         | 2         | 2         | 4         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         |
| <i>Ostrea</i> sp.                                 | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         |
| <i>Tricolia</i> sp.                               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 34        | 19        | 3         | 19        | 16        | 27        | 17        | 27        | 9         | 20        | 11        | 33        |
| <i>Cerithium</i> sp.                              | 1         | 0         | 1         | 0         | 0         | 3         | 1         | 2         | 0         | 0         | 1         | 1         |
| <i>Cerithiopsis</i> sp.                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Natica</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Kelliidae                                         | 0         | 1         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 3         | 0         | 1         |
| <i>Melanella</i> sp.                              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Turbonilla</i> sp.                             | 4         | 0         | 0         | 1         | 1         | 0         | 1         | 0         | 2         | 2         | 1         | 0         |
| <i>Azorinus</i> sp.                               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Glycimeris</i> sp.                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Mytilidae                                         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| unknown                                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                    | 2         | 1         | 0         | 3         | 2         | 6         | 1         | 2         | 1         | 5         | 0         | 7         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Paracentrotus lividus</i>                      | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <b>Total amount of molluscs</b>                   | <b>59</b> | <b>35</b> | <b>15</b> | <b>39</b> | <b>39</b> | <b>50</b> | <b>30</b> | <b>48</b> | <b>21</b> | <b>45</b> | <b>24</b> | <b>64</b> |

Table A5.4 (cont.).

| Species/Depth (cm)                                | 2080       | 2100      | 2113      | 2123      | 2133      | 2143      | 2153      | 2163     | 2183     | 2192      | 2202      | 2222      |
|---------------------------------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|
| Cardiidae                                         | 0          | 5         | 1         | 1         | 0         | 2         | 1         | 0        | 1        | 2         | 1         | 1         |
| <i>Cerastoderma</i> sp.                           | 2          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 3          | 9         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Parvicardium</i> sp.                           | 9          | 3         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| Pectinidae                                        | 1          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Tellina</i> sp.                                | 5          | 3         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 3         | 1         | 0         |
| <i>Abra</i> sp.                                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Macra</i> sp.                                  | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Nucula</i> sp.                                 | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Donax</i> sp.                                  | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| Veneridae                                         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Alvania</i> sp.                                | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Bulla striata</i> (Brugière, 1792)             | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Gibberula</i> sp.                              | 1          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                              | 0          | 0         | 0         | 1         | 3         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 1          | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 1         | 1         | 0         |
| Turridiidae                                       | 1          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Turritella communis</i> (Risso, 1826)          | 3          | 0         | 0         | 0         | 0         | 0         | 0         | 1        | 0        | 1         | 0         | 0         |
| <i>Acanthocardia</i> sp.                          | 1          | 0         | 0         | 2         | 2         | 0         | 1         | 0        | 1        | 1         | 0         | 1         |
| <i>Corbula gibba</i> (Oliv, 1792)                 | 0          | 4         | 8         | 9         | 16        | 6         | 4         | 6        | 5        | 6         | 3         | 3         |
| <i>Dentalium</i> sp.                              | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                 | 26         | 9         | 0         | 1         | 2         | 1         | 0         | 0        | 0        | 0         | 0         | 2         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                | 2          | 1         | 0         | 1         | 0         | 1         | 0         | 0        | 0        | 1         | 0         | 1         |
| <i>Ostrea</i> sp.                                 | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Tricolia</i> sp.                               | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 65         | 34        | 1         | 5         | 9         | 4         | 2         | 1        | 1        | 7         | 5         | 2         |
| <i>Cerithium</i> sp.                              | 3          | 1         | 0         | 0         | 1         | 0         | 0         | 1        | 0        | 0         | 0         | 0         |
| <i>Cerithiopsis</i> sp.                           | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Natica</i> sp.                                 | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| Kelliidae                                         | 2          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 1         |
| <i>Melanella</i> sp.                              | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Turbonilla</i> sp.                             | 1          | 4         | 3         | 1         | 1         | 1         | 0         | 0        | 0        | 1         | 0         | 0         |
| <i>Azorinus</i> sp.                               | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Glycimeris</i> sp.                             | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| Mytilidae                                         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| unknown                                           | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                    | 24         | 3         | 1         | 8         | 13        | 4         | 2         | 0        | 1        | 0         | 0         | 2         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Paracentrotus lividus</i>                      | 1          | 1         | 0         | 0         | 1         | 0         | 0         | 0        | 0        | 0         | 0         | 1         |
| <b>Total amount of molluscs</b>                   | <b>151</b> | <b>77</b> | <b>14</b> | <b>30</b> | <b>48</b> | <b>19</b> | <b>10</b> | <b>9</b> | <b>9</b> | <b>23</b> | <b>11</b> | <b>14</b> |

The molluscan counts for the deep cores

Table A5.4 (cont.).

| Species/Depth (cm)                                | 2230      | 2240      | 2275      | 2285      | 2295      | 2298       | 2308        | 2318        | 2328        | 2338       | 2348       | 2353       |
|---------------------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|------------|------------|------------|
| Cardiidae                                         | 0         | 2         | 2         | 3         | 1         | 16         | 22          | 27          | 55          | 2          | 0          | 8          |
| <i>Cerastoderma</i> sp.                           | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 2         | 1         | 1         | 3         | 1         | 16         | 8           | 0           | 44          | 0          | 0          | 10         |
| <i>Parvicardium</i> sp.                           | 0         | 0         | 0         | 0         | 0         | 4          | 0           | 36          | 0           | 2          | 3          | 6          |
| Pectinidae                                        | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 5           | 0          | 0          | 0          |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Tellina</i> sp.                                | 0         | 0         | 0         | 3         | 1         | 110        | 92          | 81          | 191         | 6          | 4          | 122        |
| <i>Abra</i> sp.                                   | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Mactra</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Nucula</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 1          | 0          |
| <i>Donax</i> sp.                                  | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| Veneridae                                         | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Alvania</i> sp.                                | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Bulla striata</i> (Brugière, 1792)             | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Gibberula</i> sp.                              | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Nassarius</i> sp.                              | 0         | 0         | 0         | 1         | 0         | 24         | 12          | 9           | 11          | 2          | 3          | 12         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0         | 0         | 0         | 0         | 0         | 0          | 3           | 5           | 5           | 0          | 0          | 0          |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 1         | 1         | 0         | 0         | 0         | 24         | 27          | 45          | 198         | 5          | 4          | 18         |
| Turridiidae                                       | 0         | 0         | 0         | 0         | 0         | 4          | 2           | 0           | 11          | 0          | 1          | 6          |
| <i>Turritella communis</i> (Risso, 1826)          | 0         | 0         | 1         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Acanthocardia</i> sp.                          | 1         | 2         | 1         | 0         | 1         | 20         | 34          | 54          | 131         | 8          | 6          | 10         |
| <i>Corbula gibba</i> (Olivi, 1792)                | 4         | 10        | 1         | 1         | 10        | 256        | 384         | 477         | 968         | 67         | 78         | 114        |
| <i>Dentalium</i> sp.                              | 0         | 0         | 0         | 0         | 0         | 8          | 8           | 9           | 33          | 3          | 3          | 0          |
| <i>Rissoa</i> sp.                                 | 3         | 4         | 3         | 11        | 5         | 12         | 5           | 0           | 110         | 0          | 8          | 10         |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0         | 0         | 0         | 0         | 0         | 0          | 2           | 5           | 0           | 0          | 0          | 0          |
| <i>Gibbula</i> sp.                                | 0         | 1         | 0         | 0         | 1         | 0          | 0           | 0           | 0           | 0          | 0          | 2          |
| <i>Ostrea</i> sp.                                 | 0         | 1         | 0         | 0         | 0         | 4          | 2           | 9           | 11          | 0          | 0          | 0          |
| <i>Tricolia</i> sp.                               | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 4         | 11        | 17        | 22        | 25        | 192        | 310         | 405         | 720         | 12         | 20         | 92         |
| <i>Cerithium</i> sp.                              | 0         | 0         | 1         | 3         | 0         | 0          | 0           | 0           | 5           | 1          | 1          | 0          |
| <i>Cerithiopsis</i> sp.                           | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0         | 0         | 2          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Natica</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| Kelliidae                                         | 0         | 0         | 0         | 0         | 0         | 12         | 152         | 207         | 396         | 4          | 3          | 12         |
| <i>Melanella</i> sp.                              | 0         | 0         | 0         | 0         | 0         | 0          | 2           | 9           | 0           | 0          | 0          | 0          |
| <i>Turbonilla</i> sp.                             | 2         | 0         | 1         | 1         | 3         | 20         | 23          | 27          | 18          | 11         | 12         | 8          |
| <i>Azorinus</i> sp.                               | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Glycimeris</i> sp.                             | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| Mytilidae                                         | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| unknown                                           | 0         | 0         | 0         | 0         | 0         | 0          | 0           | 0           | 0           | 0          | 0          | 0          |
| <i>Hydrobia</i> Hartmann, 1821                    | 2         | 5         | 2         | 10        | 1         | 68         | 24          | 9           | 110         | 5          | 5          | 20         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0         | 0         | 0         | 0         | 0         | 0          | 2           | 5           | 5           | 2          | 0          | 4          |
| <i>Paracentrotus lividus</i>                      | 0         | 1         | 0         | 1         | 1         | 1          | 1           | 1           | 1           | 0          | 0          | 0          |
| <b>Total amount of molluscs</b>                   | <b>19</b> | <b>39</b> | <b>30</b> | <b>59</b> | <b>50</b> | <b>793</b> | <b>1115</b> | <b>1420</b> | <b>3028</b> | <b>130</b> | <b>152</b> | <b>454</b> |

# Appendix 5

Table A5.4 (cont.).

| Species/Depth (cm)                                | 2358        | 2370      | 2380      | 2398       | 2408       | 2418       | 2428       | 2458        | 2468        | 2508       | 2528       | 2550        |
|---------------------------------------------------|-------------|-----------|-----------|------------|------------|------------|------------|-------------|-------------|------------|------------|-------------|
| Cardiidae                                         | 20          | 0         | 2         | 0          | 0          | 30         | 0          | 0           | 0           | 16         | 4          | 15          |
| <i>Cerastoderma</i> sp.                           | 0           | 0         | 0         | 36         | 60         | 36         | 105        | 88          | 226         | 5          | 21         | 32          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 25          | 2         | 1         | 6          | 8          | 14         | 18         | 0           | 16          | 20         | 14         | 35          |
| <i>Parvicardium</i> sp.                           | 0           | 7         | 0         | 24         | 36         | 22         | 19         | 22          | 170         | 31         | 3          | 23          |
| Pectinidae                                        | 0           | 0         | 0         | 18         | 4          | 4          | 0          | 5           | 0           | 0          | 0          | 12          |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0           | 0         | 0         | 6          | 0          | 0          | 12         | 0           | 0           | 0          | 0          | 0           |
| <i>Tellina</i> sp.                                | 298         | 2         | 0         | 30         | 32         | 27         | 12         | 44          | 113         | 55         | 38         | 53          |
| <i>Abra</i> sp.                                   | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Mactra</i> sp.                                 | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Nucula</i> sp.                                 | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Donax</i> sp.                                  | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| Veneridae                                         | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Alvania</i> sp.                                | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 2          | 0          | 0           |
| <i>Bulla striata</i> (Brugière, 1792)             | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Gibberula</i> sp.                              | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Nassarius</i> sp.                              | 30          | 0         | 0         | 0          | 12         | 4          | 0          | 11          | 8           | 5          | 22         | 60          |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0           | 0         | 0         | 0          | 0          | 4          | 6          | 5           | 0           | 0          | 0          | 0           |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 45          | 2         | 0         | 6          | 4          | 0          | 0          | 11          | 45          | 45         | 25         | 60          |
| Turridiidae                                       | 15          | 1         | 0         | 0          | 0          | 0          | 2          | 5           | 8           | 5          | 4          | 0           |
| <i>Turritella communis</i> (Risso, 1826)          | 0           | 0         | 2         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Acanthocardia</i> sp.                          | 25          | 1         | 0         | 12         | 4          | 9          | 12         | 44          | 16          | 30         | 21         | 38          |
| <i>Corbula gibba</i> (Oliv, 1792)                 | 276         | 15        | 0         | 54         | 40         | 27         | 56         | 77          | 0           | 140        | 211        | 102         |
| <i>Dentalium</i> sp.                              | 3           | 0         | 1         | 0          | 0          | 0          | 12         | 22          | 0           | 11         | 21         | 38          |
| <i>Rissoa</i> sp.                                 | 25          | 12        | 3         | 24         | 60         | 36         | 31         | 88          | 130         | 31         | 21         | 45          |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0           | 0         | 0         | 0          | 0          | 0          | 2          | 0           | 0           | 0          | 0          | 0           |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Gibbula</i> sp.                                | 5           | 0         | 0         | 0          | 0          | 4          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Ostrea</i> sp.                                 | 0           | 0         | 0         | 18         | 16         | 9          | 31         | 11          | 16          | 15         | 7          | 0           |
| <i>Tricolia</i> sp.                               | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 235         | 30        | 16        | 312        | 560        | 616        | 512        | 436         | 930         | 165        | 172        | 352         |
| <i>Cerithium</i> sp.                              | 0           | 0         | 0         | 12         | 12         | 0          | 6          | 0           | 16          | 5          | 4          | 60          |
| <i>Cerithiopsis</i> sp.                           | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 2          | 0          | 0           |
| <i>Natica</i> sp.                                 | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| Kelliidae                                         | 30          | 0         | 0         | 0          | 8          | 0          | 6          | 110         | 60          | 45         | 137        | 150         |
| <i>Melanella</i> sp.                              | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 11          | 8           | 0          | 0          | 15          |
| <i>Turbonilla</i> sp.                             | 20          | 7         | 1         | 18         | 8          | 36         | 6          | 5           | 16          | 16         | 11         | 0           |
| <i>Azorinus</i> sp.                               | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Glycimeris</i> sp.                             | 0           | 0         | 0         | 0          | 0          | 0          | 2          | 0           | 0           | 0          | 0          | 0           |
| Mytilidae                                         | 0           | 0         | 0         | 0          | 4          | 4          | 12         | 0           | 0           | 0          | 0          | 0           |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 1          | 0          | 0           |
| unknown                                           | 0           | 0         | 0         | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0           |
| <i>Hydrobia</i> Hartmann, 1821                    | 50          | 8         | 4         | 0          | 0          | 4          | 2          | 5           | 16          | 16         | 35         | 38          |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 10          | 0         | 0         | 0          | 0          | 0          | 0          | 5           | 0           | 2          | 0          | 0           |
| <i>Paracentrotus lividus</i>                      | 0           | 0         | 0         | 1          | 1          | 0          | 1          | 1           | 1           | 1          | 0          | 0           |
| <b>Total amount of molluscs</b>                   | <b>1112</b> | <b>87</b> | <b>30</b> | <b>577</b> | <b>869</b> | <b>886</b> | <b>865</b> | <b>1006</b> | <b>1795</b> | <b>664</b> | <b>771</b> | <b>1128</b> |

The molluscan counts for the deep cores

Table A5.4 (cont.).

| Species/Depth (cm)                                | 2570      | 2580       | 2590       | 2600      | 2613       | 2625       | 2638       | 2646        | 2656        | 2665      | 2670       | 2687        |
|---------------------------------------------------|-----------|------------|------------|-----------|------------|------------|------------|-------------|-------------|-----------|------------|-------------|
| Cardiidae                                         | 0         | 3          | 0          | 0         | 17         | 18         | 0          | 36          | 3           | 0         | 0          | 0           |
| <i>Cerastoderma</i> sp.                           | 18        | 15         | 14         | 13        | 18         | 0          | 22         | 0           | 24          | 4         | 17         | 120         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0         | 0          | 0          | 0         | 28         | 4          | 0          | 4           | 45          | 0         | 0          | 9           |
| <i>Parvicardium</i> sp.                           | 0         | 0          | 0          | 0         | 9          | 5          | 8          | 9           | 9           | 1         | 4          | 0           |
| Pectinidae                                        | 0         | 0          | 0          | 0         | 24         | 2          | 4          | 0           | 4           | 0         | 0          | 9           |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0         | 3          | 2          | 0         | 0          | 2          | 0          | 2           | 0           | 0         | 4          | 0           |
| <i>Tellina</i> sp.                                | 0         | 3          | 0          | 0         | 4          | 22         | 4          | 90          | 45          | 3         | 34         | 18          |
| <i>Abra</i> sp.                                   | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Mactra</i> sp.                                 | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Nucula</i> sp.                                 | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Donax</i> sp.                                  | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| Veneridae                                         | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Alvania</i> sp.                                | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 4           | 0         | 0          | 32          |
| <i>Bulla striata</i> (Brugière, 1792)             | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Gibberula</i> sp.                              | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Nassarius</i> sp.                              | 3         | 0          | 0          | 6         | 17         | 2          | 8          | 18          | 16          | 1         | 0          | 18          |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0         | 0          | 0          | 0         | 0          | 0          | 4          | 0           | 10          | 1         | 4          | 18          |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0         | 0          | 0          | 0         | 9          | 7          | 4          | 18          | 21          | 1         | 4          | 54          |
| Turridiidae                                       | 0         | 0          | 0          | 0         | 4          | 2          | 0          | 9           | 4           | 1         | 4          | 0           |
| <i>Turritella communis</i> (Risso, 1826)          | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Acanthocardia</i> sp.                          | 3         | 3          | 14         | 0         | 9          | 14         | 8          | 18          | 11          | 3         | 4          | 90          |
| <i>Corbula gibba</i> (Olivi, 1792)                | 6         | 15         | 0          | 13        | 86         | 52         | 22         | 263         | 273         | 11        | 150        | 270         |
| <i>Dentalium</i> sp.                              | 0         | 0          | 0          | 0         | 4          | 2          | 4          | 18          | 0           | 0         | 4          | 54          |
| <i>Rissoa</i> sp.                                 | 0         | 3          | 0          | 0         | 28         | 7          | 8          | 63          | 141         | 7         | 21         | 54          |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0         | 0          | 0          | 0         | 2          | 2          | 0          | 2           | 0           | 0         | 2          | 0           |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 9           |
| <i>Gibbula</i> sp.                                | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 6           | 0         | 0          | 0           |
| <i>Ostrea</i> sp.                                 | 6         | 5          | 2          | 6         | 0          | 4          | 4          | 4           | 4           | 1         | 4          | 18          |
| <i>Tricolia</i> sp.                               | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 10          | 0         | 0          | 0           |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 48        | 45         | 68         | 28        | 270        | 352        | 78         | 459         | 583         | 27        | 198        | 486         |
| <i>Cerithium</i> sp.                              | 0         | 7          | 0          | 0         | 38         | 10         | 8          | 18          | 51          | 1         | 8          | 18          |
| <i>Cerithiopsis</i> sp.                           | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0         | 0          | 0          | 0         | 0          | 0          | 2          | 0           | 4           | 0         | 0          | 4           |
| <i>Natica</i> sp.                                 | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 2          | 0           |
| Kelliidae                                         | 0         | 0          | 0          | 0         | 24         | 23         | 24         | 108         | 65          | 6         | 12         | 36          |
| <i>Melanella</i> sp.                              | 0         | 0          | 0          | 0         | 0          | 0          | 7          | 9           | 0           | 0         | 0          | 0           |
| <i>Turbonilla</i> sp.                             | 0         | 0          | 0          | 0         | 4          | 3          | 0          | 9           | 21          | 2         | 9          | 75          |
| <i>Azorinus</i> sp.                               | 0         | 0          | 0          | 0         | 0          | 0          | 2          | 0           | 0           | 0         | 0          | 0           |
| <i>Glycimeris</i> sp.                             | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 1           | 0           | 0         | 0          | 0           |
| Mytilidae                                         | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0         | 0          | 0          | 0         | 0          | 0          | 0          | 0           | 0           | 0         | 0          | 0           |
| unknown                                           | 0         | 0          | 0          | 0         | 24         | 3          | 0          | 0           | 21          | 0         | 0          | 8           |
| <i>Hydrobia</i> Hartmann, 1821                    | 0         | 0          | 0          | 6         | 5          | 7          | 4          | 4           | 65          | 1         | 4          | 9           |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0         | 0          | 0          | 0         | 4          | 0          | 4          | 0           | 1           | 1         | 4          | 9           |
| <i>Paracentrotus lividus</i>                      | 1         | 0          | 1          | 1         | 1          | 1          | 0          | 1           | 1           | 0         | 1          | 1           |
| <b>Total amount of molluscs</b>                   | <b>85</b> | <b>102</b> | <b>101</b> | <b>73</b> | <b>629</b> | <b>544</b> | <b>229</b> | <b>1163</b> | <b>1442</b> | <b>72</b> | <b>494</b> | <b>1419</b> |

Table A5.4 (cont.).

| Species/Depth (cm)                                | 2693      | 2696      | 2700      | 2782     | 2786     | 2792     | 2797     | 2804     | 2807     | 2812     | 2820     | 2825     |
|---------------------------------------------------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Cardiidae                                         | 5         | 3         | 0         | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                           | 0         | 0         | 4         | 2        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 2         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Parvicardium</i> sp.                           | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Pectinidae                                        | 0         | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 2         | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina</i> sp.                                | 2         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Abra</i> sp.                                   | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Macra</i> sp.                                  | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Nucula</i> sp.                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Donax</i> sp.                                  | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Veneridae                                         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Alvania</i> sp.                                | 2         | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulla striata</i> (Brugière, 1792)             | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibberula</i> sp.                              | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Nassarius</i> sp.                              | 3         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Turridiidae                                       | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turritella communis</i> (Risso, 1826)          | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Acanthocardia</i> sp.                          | 5         | 4         | 1         | 2        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Corbula gibba</i> (Oliv, 1792)                 | 21        | 3         | 9         | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Dentalium</i> sp.                              | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                 | 0         | 0         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                | 0         | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                 | 2         | 2         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tricolia</i> sp.                               | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 7         | 11        | 57        | 0        | 1        | 0        | 1        | 0        | 0        | 0        | 1        | 0        |
| <i>Cerithium</i> sp.                              | 2         | 3         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithiopsis</i> sp.                           | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Natica</i> sp.                                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Kelliidae                                         | 0         | 3         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Melanella</i> sp.                              | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                             | 2         | 0         | 1         | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Azorinus</i> sp.                               | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Glycimeris</i> sp.                             | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Mytilidae                                         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| unknown                                           | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paracentrotus lividus</i>                      | 1         | 0         | 1         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                   | <b>56</b> | <b>39</b> | <b>83</b> | <b>4</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> |

**Table A5.4** (cont.).

| Species/Depth (cm)                                | 2832     | 2850     |
|---------------------------------------------------|----------|----------|
| Cardiidae                                         | 0        | 0        |
| <i>Cerastoderma</i> sp.                           | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0        | 0        |
| <i>Parvicardium</i> sp.                           | 0        | 0        |
| Pectinidae                                        | 0        | 0        |
| <i>Tapes decussatus</i> (Linnaeus, 1758)          | 0        | 0        |
| <i>Tellina</i> sp.                                | 0        | 0        |
| <i>Abra</i> sp.                                   | 0        | 0        |
| <i>Mactra</i> sp.                                 | 0        | 0        |
| <i>Nucula</i> sp.                                 | 0        | 0        |
| <i>Donax</i> sp.                                  | 0        | 0        |
| Veneridae                                         | 0        | 0        |
| <i>Alvania</i> sp.                                | 0        | 0        |
| <i>Bulla striata</i> (Brugière, 1792)             | 0        | 0        |
| <i>Gibberula</i> sp.                              | 0        | 0        |
| <i>Nassarius</i> sp.                              | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0        | 0        |
| Turridiidae                                       | 0        | 0        |
| <i>Turritella communis</i> (Risso, 1826)          | 0        | 0        |
| <i>Acanthocardia</i> sp.                          | 0        | 0        |
| <i>Corbula gibba</i> (Olivi, 1792)                | 1        | 0        |
| <i>Dentalium</i> sp.                              | 0        | 0        |
| <i>Rissoa</i> sp.                                 | 0        | 0        |
| <i>Lithophaga lithophaga</i> (Linnaeus, 1758)     | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0        | 0        |
| <i>Gibbula</i> sp.                                | 0        | 0        |
| <i>Ostrea</i> sp.                                 | 0        | 0        |
| <i>Tricolia</i> sp.                               | 0        | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)       | 1        | 2        |
| <i>Cerithium</i> sp.                              | 0        | 0        |
| <i>Cerithiopsis</i> sp.                           | 0        | 0        |
| <i>Columbella rustica</i> (Linnaeus, 1758)        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0        | 0        |
| <i>Natica</i> sp.                                 | 0        | 0        |
| Kelliidae                                         | 0        | 0        |
| <i>Melanella</i> sp.                              | 0        | 0        |
| <i>Turbonilla</i> sp.                             | 0        | 0        |
| <i>Azorinus</i> sp.                               | 0        | 0        |
| <i>Glycimeris</i> sp.                             | 0        | 0        |
| Mytilidae                                         | 0        | 0        |
| <i>Arca noae</i> (Linnaeus, 1758)                 | 0        | 0        |
| unknown                                           | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0        | 0        |
| <i>Paracentrotus lividus</i>                      | 0        | 0        |
| <b>Total amount of molluscs</b>                   | <b>2</b> | <b>2</b> |

Table A5.5. Wied Żembaq 2.

| Species/Depth (cm)                                                   | 117       | 121       | 125       | 129      | 133       | 137       | 141       | 145       | 149       | 153       | 157       | 161       | 165      | 169      |
|----------------------------------------------------------------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 1         | 1         | 0         | 0        | 3         | 1         | 3         | 3         | 2         | 7         | 2         | 0         | 0        | 1        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 7         | 3         | 3         | 1        | 9         | 14        | 26        | 21        | 42        | 48        | 27        | 11        | 1        | 0        |
| <i>Cerithium</i> sp.                                                 | 0         | 0         | 0         | 0        | 1         | 0         | 2         | 2         | 3         | 5         | 5         | 0         | 0        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 1         | 1         | 0        | 0         | 0         | 1         | 1         | 1         | 2         | 2         | 0         | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 0         | 0         | 0        | 0         | 2         | 0         | 1         | 2         | 2         | 0         | 2         | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 1         | 0        | 0         | 0         | 1         | 1         | 1         | 0         | 1         | 0         | 0        | 0        |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 1         | 0        | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 2         | 0         | 2         | 0        | 0         | 0         | 0         | 3         | 8         | 8         | 7         | 1         | 0        | 0        |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0         | 1         | 0         | 0        | 1         | 0         | 1         | 0         | 0         | 2         | 0         | 0         | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 0         | 1         | 1         | 0        | 2         | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 0        | 1        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0         | 1         | 0        | 0         | 1         | 0         | 0         | 2         | 0         | 5         | 2         | 0        | 0        |
| other/unknown marine                                                 | 2         | 3         | 1         | 0        | 1         | 0         | 3         | 0         | 0         | 2         | 0         | 0         | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0         | 0         | 0         | 0        | 2         | 3         | 1         | 4         | 6         | 4         | 8         | 2         | 1        | 1        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 0        | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 1         | 1         | 0        | 0         | 3         | 0         | 0         | 0         | 2         | 0         | 0         | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 1         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 1         | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0        | 1        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0         | 0         | 0        | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 1         | 0         | 0         | 0        | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0        | 0        |
| <i>Caracollina lenticula</i> (Michaud, 1831)                         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 1         | 0         | 1         | 1        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0         | 0        | 0         | 0         | 5         | 0         | 1         | 0         | 0         | 0         | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1         | 1         | 0         | 0        | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 1         | 1        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 1         | 0         | 1         | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        |
| Helicioid fragments                                                  | 1         | 1         | 1         | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1        | 1        |
| <b>Total amount of molluscs</b>                                      | <b>19</b> | <b>14</b> | <b>16</b> | <b>4</b> | <b>23</b> | <b>28</b> | <b>50</b> | <b>40</b> | <b>74</b> | <b>89</b> | <b>60</b> | <b>21</b> | <b>4</b> | <b>5</b> |

The molluscan counts for the deep cores

Table A5.5 (cont.).

| Species/Depth (cm)                                                   | 173       | 177       | 181      | 185      | 189       | 193      | 227       | 230       | 234       | 237       | 240       | 244       | 248      | 251      |
|----------------------------------------------------------------------|-----------|-----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 1         | 4         | 0        | 0        | 0         | 0        | 0         | 1         | 1         | 0         | 0         | 0         | 0        | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 6         | 0         | 1        | 2        | 13        | 0        | 1         | 20        | 6         | 3         | 5         | 2         | 1        | 1        |
| <i>Cerithium</i> sp.                                                 | 1         | 2         | 0        | 1        | 0         | 0        | 0         | 1         | 3         | 1         | 1         | 0         | 0        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 2         | 0        | 0        | 0         | 0        | 0         | 2         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 1         | 0         | 0         | 1         | 0         | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 2         | 3         | 0        | 0        | 1         | 0        | 0         | 2         | 0         | 2         | 3         | 0         | 0        | 0        |
| <i>Tricolia</i> sp.                                                  | 0         | 1         | 1        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0         | 1         | 0        | 0        | 1         | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 1         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 2         | 0        | 0        | 0         | 0        | 0         | 3         | 1         | 0         | 1         | 0         | 0        | 0        |
| other/unknown marine                                                 | 2         | 1         | 0        | 0        | 1         | 0        | 0         | 0         | 2         | 0         | 0         | 0         | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0         | 10        | 1        | 1        | 2         | 0        | 1         | 2         | 2         | 0         | 1         | 1         | 1        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0        | 1        | 0         | 0        | 10        | 0         | 0         | 0         | 1         | 1         | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 1         | 0        | 0        | 0         | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0        | 0        | 0         | 0        | 2         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0         | 0         | 0        | 0        | 0         | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 1        | 0        | 2         | 1        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 0         | 1        | 1        | 0         | 1        | 1         | 0         | 1         | 1         | 1         | 0         | 1        | 1        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0         | 0        | 0        | 0         | 0        | 2         | 0         | 0         | 0         | 0         | 0         | 1        | 2        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 1         | 0         | 0        | 1        | 0         | 1        | 0         | 0         | 1         | 0         | 1         | 1         | 0        | 0        |
| <i>Caracollina lenticula</i> (Michaud, 1831)                         | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 0         | 0         | 0        | 0        | 0         | 0        | 1         | 1         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 1         | 0         | 0        | 0        | 0         | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0         | 1        | 1        | 0         | 0        | 1         | 0         | 1         | 1         | 1         | 2         | 2        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 1         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0         | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0        | 1        |
| Helicoid fragments                                                   | 1         | 1         | 1        | 1        | 1         | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 1        | 1        |
| <b>Total amount of molluscs</b>                                      | <b>18</b> | <b>28</b> | <b>7</b> | <b>9</b> | <b>21</b> | <b>4</b> | <b>21</b> | <b>36</b> | <b>21</b> | <b>10</b> | <b>18</b> | <b>10</b> | <b>7</b> | <b>8</b> |

Table A5.5 (cont.).

| Species/Depth (cm)                                                   | 254       | 258       | 262      | 265      | 269      | 272      | 276      | 279      | 283      | 286      | 290       | 293       | 297       | 302      |
|----------------------------------------------------------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|
| <i>Alvania</i> sp.                                                   | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 4         | 3         | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 23        | 5         | 1        |
| <i>Cerithium</i> sp.                                                 | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2         | 0         | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Nassarius</i> sp.                                                 | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4         | 0         | 0        |
| <i>Rissoa</i> sp.                                                    | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 6         | 1         | 0        |
| <i>Tricolia</i> sp.                                                  | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Turbonilla</i> sp.                                                | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Cardium</i> sp.                                                   | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1         | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2         | 0         | 0        |
| other/unknown marine                                                 | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 2         | 3         | 0        | 0        | 0        | 1        | 1        | 2        | 1        | 0        | 0         | 1         | 5         | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 2         | 1         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 4         | 0         | 0         | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 1        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0         | 0         | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| Clausiliidae Mörch, 1864                                             | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1         | 1         | 1         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1         | 0         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 1        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 1         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 0        |
| <i>Caracollina lenticula</i> (Michaud, 1831)                         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                              | 0         | 0         | 0        | 0        | 1        | 0        | 2        | 0        | 0        | 0        | 1         | 0         | 0         | 1        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0         | 1         | 0         | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 1         | 0        | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 0         | 1         | 0         | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 0         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 3        |
| Helicioid fragments                                                  | 1         | 1         | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1         | 1         | 1        |
| <b>Total amount of molluscs</b>                                      | <b>13</b> | <b>14</b> | <b>7</b> | <b>2</b> | <b>6</b> | <b>3</b> | <b>4</b> | <b>3</b> | <b>3</b> | <b>3</b> | <b>10</b> | <b>45</b> | <b>14</b> | <b>9</b> |

The molluscan counts for the deep cores

Table A5.5 (cont.).

| Species/Depth (cm)                                                   | 307      | 312      | 317      | 322       | 327      | 332      | 337      | 342      | 347      | 352      | 357      | 362      | 367      | 372      |
|----------------------------------------------------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                                                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Nassarius</i> sp.                                                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tricolia</i> sp.                                                  | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/unknown marine                                                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0         | 0        | 0        | 3        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 1        | 0        | 0         | 1        | 1        | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 1        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 1        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 3        | 0        | 0        | 1        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 1        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 0        | 0        | 1        | 1         | 0        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        | 1         | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 4        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 1         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Caracollina lenticula</i> (Michaud, 1831)                         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 0        | 1        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 1        | 0        | 0         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        | 0        | 1        | 0        | 1        | 1        | 1        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        | 6         | 0        | 4        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        |
| Helicoid fragments                                                   | 1        | 1        | 1        | 1         | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| <b>Total amount of molluscs</b>                                      | <b>2</b> | <b>3</b> | <b>3</b> | <b>12</b> | <b>2</b> | <b>9</b> | <b>9</b> | <b>3</b> | <b>5</b> | <b>4</b> | <b>7</b> | <b>6</b> | <b>9</b> | <b>7</b> |

Table A5.5 (cont.).

| Species/Depth (cm)                                                   | 377      | 382       | 387       | 392       | 463       | 468       | 473       | 479       | 483       | 489      | 494      | 503       | 507       | 511       |
|----------------------------------------------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 0        | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0        | 0        | 2         | 0         | 0         |
| <i>Cerithium</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Cylichnea</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Nassarius</i> sp.                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 1         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Tricolia</i> sp.                                                  | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Turbonilla</i> sp.                                                | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                                   | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| other/unknown marine                                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0        | 0         | 0         | 0         | 0         | 0         | 13        | 18        | 3         | 0        | 0        | 5         | 3         | 2         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 12        | 21        | 29        | 15        | 6         | 51        | 62        | 1         | 2        | 1        | 23        | 14        | 7         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 1         | 0         | 0         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0         | 1         | 1         | 0         | 0         | 2         | 0         | 0         | 0        | 0        | 1         | 2         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0         | 0         | 1         | 0         | 0         | 2         | 0         | 0         | 0        | 0        | 0         | 1         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 1        | 1         | 1         | 1         | 2         | 2         | 3         | 3         | 3         | 3        | 2        | 1         | 1         | 1         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1        | 0         | 2         | 0         | 1         | 0         | 1         | 2         | 0         | 0        | 0        | 1         | 1         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1        | 1         | 0         | 1         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 1         | 0        | 0        | 0         | 0         | 0         |
| <i>Caracollina lenticula</i> (Michaud, 1831)                         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 2         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 1         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1        | 0        | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1        | 0         | 1         | 0         | 2         | 1         | 0         | 1         | 1         | 0        | 2        | 0         | 1         | 1         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         | 0         |
| Helicioid fragments                                                  | 1        | 1         | 1         | 1         | 2         | 3         | 3         | 3         | 3         | 3        | 2        | 1         | 1         | 1         |
| <b>Total amount of molluscs</b>                                      | <b>4</b> | <b>14</b> | <b>28</b> | <b>33</b> | <b>26</b> | <b>15</b> | <b>76</b> | <b>89</b> | <b>12</b> | <b>9</b> | <b>8</b> | <b>39</b> | <b>25</b> | <b>13</b> |

**Table A5.5** (cont.).

| Species/Depth (cm)                                                   | 515      | 519      | 523      |
|----------------------------------------------------------------------|----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 0        | 0        | 0        |
| <i>Bittium reticulatum</i> (Da Costa, 1778)                          | 1        | 0        | 1        |
| <i>Cerithium</i> sp.                                                 | 0        | 0        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)                           | 0        | 0        | 0        |
| <i>Nassarius</i> sp.                                                 | 0        | 0        | 1        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        |
| <i>Tricolia</i> sp.                                                  | 0        | 0        | 0        |
| <i>Turbonilla</i> sp.                                                | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        |
| other/unknown marine                                                 | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 3        | 1        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 2        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        |
| <i>Vitrea</i> Fitzinger, 1833                                        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 1        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1        | 1        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 1        |
| <i>Caracollina lenticula</i> (Michaud, 1831)                         | 0        | 0        | 0        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)                             | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 0        |
| Helicoid fragments                                                   | 1        | 1        | 1        |
| <b>Total amount of molluscs</b>                                      | <b>9</b> | <b>4</b> | <b>4</b> |

Table A5.6. Wied Żembaq 1.

| Species/Depth (cm)                                                   | 126       | 131       | 136       | 141       | 145       | 150       | 154      | 159       | 163      | 168      | 173      | 178      | 182      | 187      |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 1         | 2         | 0         | 6         | 2         | 0         | 0        | 0         | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Bittium</i> sp.                                                   | 16        | 28        | 28        | 51        | 26        | 8         | 1        | 2         | 1        | 0        | 1        | 0        | 0        | 1        |
| <i>Cerithium</i> sp.                                                 | 0         | 2         | 2         | 4         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 1         | 1         | 0         | 1         | 0         | 0        | 0         | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 1         | 0         | 2         | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 1         | 2         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 2         | 2         | 2         | 2         | 4         | 3         | 0        | 2         | 0        | 0        | 1        | 0        | 1        | 0        |
| <i>Cardium</i> sp.                                                   | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 1         | 0         | 2         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| other/unknown                                                        | 1         | 3         | 2         | 0         | 1         | 0         | 0        | 2         | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0         | 2         | 1         | 7         | 2         | 1         | 0        | 1         | 0        | 0        | 0        | 1        | 2        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 1         | 0         | 1         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 0         | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cantareus</i> Risso, 1826                                         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 1        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 1         | 0         | 0         | 1         | 0         | 0         | 0        | 0         | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 1         | 0         | 0         | 0         | 1         | 0         | 0        | 0         | 0        | 1        | 1        | 0        | 1        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 0         | 1         | 1         | 1         | 1        | 1         | 1        | 1        | 1        | 1        | 1        | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 0         | 0         | 2         | 0         | 2         | 1        | 1         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cernuella</i> Schlüter, 1838                                      | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 1        | 1        | 0        | 0        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)               | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 3         | 2         | 4         | 0         | 2         | 0        | 2         | 2        | 0        | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 1         | 1         | 1         | 1         | 0         | 1        | 1         | 0        | 1        | 0        | 1        | 1        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid                                                             | 1         | 1         | 1         | 1         | 1         | 1         | 1        | 1         | 1        | 1        | 1        | 1        | 1        | 1        |
| <b>Total amount of molluscs</b>                                      | <b>24</b> | <b>50</b> | <b>41</b> | <b>89</b> | <b>41</b> | <b>18</b> | <b>5</b> | <b>13</b> | <b>7</b> | <b>5</b> | <b>8</b> | <b>6</b> | <b>8</b> | <b>3</b> |

The molluscan counts for the deep cores

Table A5.6 (cont.).

| Species/Depth (cm)                                                   | 191      | 195      | 199       | 204       | 208       | 213       | 227       | 232      | 237      | 242      | 247      | 253       | 258       | 263      |
|----------------------------------------------------------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|-----------|----------|
| <i>Alvania</i> sp.                                                   | 0        | 0        | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Bittium</i> sp.                                                   | 0        | 3        | 0         | 2         | 2         | 1         | 3         | 0        | 0        | 0        | 0        | 0         | 1         | 0        |
| <i>Cerithium</i> sp.                                                 | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Cylichnea</i> sp.                                                 | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 1        | 0         | 1         | 5         | 0         | 1         | 1        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Cardium</i> sp.                                                   | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| other/unknown                                                        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 1        | 0        | 0        | 0         | 0         | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0        | 0        | 0         | 0         | 1         | 4         | 1         | 0        | 0        | 1        | 0        | 0         | 1         | 4        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0         | 3         | 0         | 0         | 3         | 0        | 1        | 2        | 0        | 27        | 8         | 2        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 1        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 1         | 0         | 1        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 1         | 0         | 0        |
| <i>Cantareus</i> Risso, 1826                                         | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 0         | 2         | 0         | 2         | 1         | 1        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1        | 1        | 1         | 1         | 1         | 1         | 4         | 2        | 0        | 1        | 0        | 1         | 1         | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0         | 0         | 0         | 1         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 1        | 2         | 0         | 0         | 2         | 0         | 1        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Cernuella</i> Schlüter, 1838                                      | 0        | 0        | 2         | 2         | 2         | 0         | 1         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)               | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 1        | 0         | 0         | 0         | 1         | 0         | 1        | 0        | 0        | 0        | 1         | 1         | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 1        | 1         | 2         | 1         | 0         | 1         | 0        | 0        | 0        | 0        | 1         | 1         | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0        | 1         | 0         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0         | 0         | 0        |
| Helicoid                                                             | 1        | 1        | 1         | 1         | 1         | 1         | 1         | 1        | 1        | 1        | 1        | 1         | 1         | 1        |
| <b>Total amount of molluscs</b>                                      | <b>3</b> | <b>9</b> | <b>10</b> | <b>14</b> | <b>13</b> | <b>13</b> | <b>17</b> | <b>7</b> | <b>3</b> | <b>5</b> | <b>1</b> | <b>33</b> | <b>14</b> | <b>9</b> |

Table A5.6 (cont.).

| Species/Depth (cm)                                                   | 268      | 273       | 278      | 283      | 288      | 293       | 298      | 303      | 308      | 313       | 318      | 323      | 328      | 333      |
|----------------------------------------------------------------------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|----------|
| <i>Alvania</i> sp.                                                   | 0        | 1         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Bittium</i> sp.                                                   | 0        | 0         | 1        | 3        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 1        | 0        | 0        |
| <i>Cerithium</i> sp.                                                 | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Cylichnea</i> sp.                                                 | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                                   | 0        | 0         | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 1        | 2        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| other/unknown                                                        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0        | 6         | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 1        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 4        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 2        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 1        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 0        | 0        | 0        | 1         | 1        | 0        | 2        | 1         | 0        | 0        | 0        | 1        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 1        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| <i>Cantareus</i> Risso, 1826                                         | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| Clausiliidae Mörch, 1864                                             | 0        | 0         | 1        | 0        | 0        | 0         | 0        | 0        | 1        | 0         | 0        | 1        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0        | 0        | 0        | 0         | 2        | 0        | 0        | 2         | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0         | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1        | 1         | 1        | 1        | 0        | 1         | 1        | 0        | 1        | 1         | 1        | 1        | 1        | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1         | 0        | 0        | 1        | 0        |
| <i>Cernuella</i> Schlüter, 1838                                      | 0        | 1         | 0        | 0        | 0        | 1         | 0        | 1        | 0        | 1         | 0        | 0        | 1        | 0        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)               | 0        | 0         | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 1         | 0        | 0        | 0        | 1         | 0        | 1        | 0        | 1         | 0        | 1        | 0        | 1        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0        | 1         | 1        | 0        | 0        | 1         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0         | 0        | 0        | 2        | 8         | 1        | 4        | 2        | 4         | 1        | 0        | 1        | 0        |
| Helicoid                                                             | 1        | 1         | 1        | 1        | 1        | 1         | 1        | 1        | 1        | 1         | 1        | 1        | 1        | 1        |
| <b>Total amount of molluscs</b>                                      | <b>6</b> | <b>12</b> | <b>7</b> | <b>9</b> | <b>3</b> | <b>15</b> | <b>7</b> | <b>8</b> | <b>7</b> | <b>12</b> | <b>3</b> | <b>5</b> | <b>9</b> | <b>5</b> |

The molluscan counts for the deep cores

Table A5.6 (cont.).

| Species/Depth (cm)                                                   | 338      | 343      | 348      | 353      | 358      | 363      | 368       | 373       | 378       | 383       | 388       | 393       | 398       | 403       |
|----------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Bittium</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cylichnea</i> sp.                                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| other/unknown                                                        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 0        | 0        | 0        | 2        | 0        | 0        | 0         | 0         | 0         | 0         | 23        | 32        | 29        | 27        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 0        | 0        | 0        | 1        | 0        | 1        | 8         | 28        | 9         | 6         | 8         | 18        | 27        | 27        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 14        | 13        | 5         | 3         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0        | 0        | 0        | 1        | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0        | 0        | 0        | 0        | 0        | 2         | 8         | 0         | 1         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cantareus</i> Risso, 1826                                         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 0        | 0        | 1        | 0        | 0        | 0        | 2         | 0         | 0         | 2         | 0         | 0         | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0        | 1        | 0        | 2        | 1        | 1         | 1         | 0         | 1         | 0         | 0         | 0         | 1         |
| <i>Muticaria</i> Lindholm, 1925                                      | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1         | 1         | 0         | 0         | 1         | 1         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cernuella</i> Schlüter, 1838                                      | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)               | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1        | 0        | 1        | 1        | 1        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid                                                             | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| <b>Total amount of molluscs</b>                                      | <b>3</b> | <b>2</b> | <b>5</b> | <b>7</b> | <b>6</b> | <b>5</b> | <b>17</b> | <b>41</b> | <b>11</b> | <b>11</b> | <b>47</b> | <b>65</b> | <b>64</b> | <b>62</b> |

Table A5.6 (cont.).

| Species/Depth (cm)                                                   | 408       | 413       | 418       | 423       | 428       | 433      | 438      | 443      | 448      | 456      | 468       | 480       | 492       | 504      |
|----------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|
| <i>Alvania</i> sp.                                                   | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 0        |
| <i>Bittium</i> sp.                                                   | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 2        | 1         | 0         | 0         | 0        |
| <i>Cerithium</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Cylichnea</i> sp.                                                 | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Gibbula</i> sp.                                                   | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Rissoa</i> sp.                                                    | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 1        | 0         | 1         | 0         | 0        |
| <i>Cardium</i> sp.                                                   | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| other/unknown                                                        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                       | 21        | 29        | 27        | 33        | 3         | 1        | 0        | 0        | 0        | 0        | 0         | 13        | 17        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 29        | 45        | 43        | 33        | 6         | 0        | 1        | 0        | 2        | 1        | 1         | 11        | 13        | 3        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 7         | 1         | 0         | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 2         | 0         | 0        |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Cantareus</i> Risso, 1826                                         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| Clausiliidae Mörch, 1864                                             | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 1         | 2         | 0         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 1        | 0        | 0        | 1         | 1         | 1         | 1        |
| <i>Muticaria</i> Lindholm, 1925                                      | 1         | 1         | 1         | 1         | 1         | 1        | 1        | 1        | 1        | 1        | 2         | 1         | 1         | 1        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 1        | 0        | 0        | 2         | 0         | 0         | 0        |
| <i>Cernuella</i> Schlüter, 1838                                      | 0         | 0         | 0         | 0         | 0         | 0        | 1        | 0        | 0        | 0        | 0         | 1         | 0         | 0        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)               | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 1         | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 0         | 0         | 1         | 0         | 1         | 1        | 0        | 1        | 1        | 0        | 0         | 1         | 1         | 0        |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                             | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 2        | 0         | 0         | 0         | 0        |
| Helicoid                                                             | 1         | 1         | 1         | 1         | 1         | 1        | 1        | 1        | 1        | 1        | 1         | 1         | 1         | 1        |
| <b>Total amount of molluscs</b>                                      | <b>60</b> | <b>79</b> | <b>73</b> | <b>69</b> | <b>12</b> | <b>4</b> | <b>4</b> | <b>6</b> | <b>5</b> | <b>8</b> | <b>10</b> | <b>35</b> | <b>35</b> | <b>6</b> |

**Table A5.6** (cont.).

| Species/Depth (cm)                                                   | 516      | 528       | 540       |
|----------------------------------------------------------------------|----------|-----------|-----------|
| <i>Alvania</i> sp.                                                   | 0        | 0         | 0         |
| <i>Bittium</i> sp.                                                   | 0        | 1         | 0         |
| <i>Cerithium</i> sp.                                                 | 0        | 0         | 0         |
| <i>Cylichnea</i> sp.                                                 | 0        | 0         | 0         |
| <i>Gibbula</i> sp.                                                   | 0        | 0         | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)                           | 0        | 0         | 0         |
| <i>Rissoa</i> sp.                                                    | 0        | 0         | 0         |
| <i>Cardium</i> sp.                                                   | 0        | 0         | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)                             | 0        | 0         | 0         |
| other/unknown                                                        | 0        | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                       | 1        | 10        | 16        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                          | 1        | 1         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                    | 0        | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)       | 0        | 4         | 0         |
| <i>Ferussacia</i> (s.str.) <i>folliculus</i> (Gmelin, 1791)          | 0        | 0         | 0         |
| <i>Oxychilus</i> (Mediterranea) <i>hydatinus</i> (Rossmässler, 1838) | 0        | 0         | 0         |
| <i>Pleurodiscus balmei</i> (Potiez & Michaud, 1838)                  | 0        | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                     | 0        | 0         | 0         |
| <i>Cantareus</i> Risso, 1826                                         | 0        | 0         | 0         |
| Clausiliidae Mörch, 1864                                             | 1        | 0         | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)                           | 0        | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                         | 0        | 0         | 0         |
| <i>Muticaria</i> Lindholm, 1925                                      | 1        | 1         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                             | 0        | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                           | 0        | 0         | 0         |
| <i>Cernuella</i> Schlüter, 1838                                      | 0        | 0         | 0         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)      | 0        | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                              | 2        | 1         | 1         |
| <i>Eobania vermiculata</i> (Müller, 1774)                            | 0        | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                          | 1        | 1         | 1         |
| <i>Theba pisana</i> (Müller, 1774)                                   | 0        | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                            | 0        | 0         | 0         |
| Helicioid                                                            | 1        | 1         | 1         |
| <b>Total amount of molluscs</b>                                      | <b>8</b> | <b>20</b> | <b>20</b> |

Table A5.7. *Xemxija 1.*

| Species/Depth (cm)                                             | 49       | 54       | 59       | 64       | 69       | 72       | 76       | 81       | 86       | 91       | 96       | 101      | 106      | 111      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cermea caruanae</i> (Kobelt, 1888)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

The molluscan counts for the deep cores

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 116      | 121      | 126      | 131      | 136      | 141      | 145      | 149      | 154      | 158      | 163      | 168      | 173      | 178      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2        | 1        | 1        | 2        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4        | 6        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0        | 1        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>1</b> | <b>4</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>6</b> | <b>8</b> |

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 183      | 188      | 193       | 198       | 203       | 208        | 213       | 218      | 223      | 228      | 233       | 238       | 243      | 248       |
|----------------------------------------------------------------|----------|----------|-----------|-----------|-----------|------------|-----------|----------|----------|----------|-----------|-----------|----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 2        | 0         | 0         | 1         | 1          | 2         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 1        | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 4        | 0        | 1         | 0         | 17        | 249        | 8         | 3        | 0        | 0        | 0         | 0         | 0        | 1         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 1        | 0        | 12        | 10        | 23        | 3          | 1         | 1        | 1        | 2        | 12        | 25        | 8        | 13        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0         | 1         | 0         | 0          | 1         | 0        | 1        | 0        | 2         | 1         | 0        | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0         | 0         | 13        | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 1         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Cermeuella caruanae</i> (Kobelt, 1888)                      | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 1         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| Helicoid juveniles                                             | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0         | 0         | 0        | 0         |
| <b>Total amount of molluscs</b>                                | <b>5</b> | <b>2</b> | <b>14</b> | <b>11</b> | <b>54</b> | <b>253</b> | <b>12</b> | <b>4</b> | <b>2</b> | <b>2</b> | <b>14</b> | <b>26</b> | <b>9</b> | <b>16</b> |

The molluscan counts for the deep cores

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 267       | 271       | 275       | 280        | 284       | 288       | 293       | 297       | 301       | 306       | 310      | 314      | 318       | 323       |
|----------------------------------------------------------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 49        | 38        | 46        | 107        | 93        | 71        | 37        | 48        | 60        | 17        | 2        | 1        | 28        | 59        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Planorbis</i> Müller, 1774                                  | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 1        | 0        | 0         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 2         | 0         | 1         | 2          | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| Helicoid juveniles                                             | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>51</b> | <b>38</b> | <b>47</b> | <b>109</b> | <b>93</b> | <b>72</b> | <b>37</b> | <b>48</b> | <b>60</b> | <b>17</b> | <b>3</b> | <b>1</b> | <b>28</b> | <b>60</b> |

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 327       | 331       | 336      | 340      | 344       | 349      | 353      | 366      | 370      | 375      | 380      | 384      | 389      | 393      |
|----------------------------------------------------------------|-----------|-----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 1         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 42        | 20        | 6        | 6        | 4         | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 1         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0         | 0         | 0        | 0        | 0         | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0        | 0        | 2         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0         | 0         | 0        | 1        | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0         | 0        | 0        | 0         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 1         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 1         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 3         | 3        | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 3         | 0         | 0        | 2        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 0         | 0         | 0        | 0        | 1         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>48</b> | <b>24</b> | <b>9</b> | <b>9</b> | <b>11</b> | <b>5</b> | <b>3</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>3</b> |

The molluscan counts for the deep cores

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 398      | 403      | 407      | 412      | 416       | 421      | 426      | 430       | 435      | 439       | 440       | 449       | 453       | 458       |
|----------------------------------------------------------------|----------|----------|----------|----------|-----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 1        | 1        | 2         | 2        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0         | 1        | 9         | 9         | 9         | 32        | 16        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 1         | 0         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 1        | 0        | 0        | 1         | 0        | 3        | 2         | 0        | 2         | 2         | 2         | 1         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 1        | 0        | 0        | 1         | 0        | 0        | 0         | 0        | 1         | 0         | 1         | 0         | 0         |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 5         | 2        | 1        | 6         | 0        | 0         | 1         | 2         | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 1        | 0        | 0        | 0        | 11        | 2        | 0        | 3         | 2        | 0         | 0         | 0         | 0         | 2         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 1         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 1         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 1         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 1         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 1        | 0         | 0        | 2        | 1         | 2        | 2         | 1         | 0         | 0         | 1         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                             | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 1         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>2</b> | <b>1</b> | <b>2</b> | <b>20</b> | <b>7</b> | <b>6</b> | <b>12</b> | <b>5</b> | <b>14</b> | <b>14</b> | <b>14</b> | <b>33</b> | <b>24</b> |

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 483       | 487        | 491        | 495        | 499        | 503       | 507       | 511      | 515       | 519       | 523       | 527       | 531      | 535       |
|----------------------------------------------------------------|-----------|------------|------------|------------|------------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 2         | 1          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 26        | 117        | 270        | 367        | 40         | 16        | 9         | 0        | 16        | 16        | 18        | 8         | 0        | 32        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 3         | 0          | 3          | 9          | 2          | 1         | 0         | 0        | 1         | 0         | 0         | 1         | 0        | 2         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 29        | 25         | 19         | 78         | 44         | 11        | 3         | 0        | 1         | 2         | 5         | 0         | 2        | 11        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 3         | 0          | 2          | 14         | 5          | 1         | 1         | 0        | 0         | 2         | 0         | 1         | 0        | 2         |
| <i>Planorbis</i> Müller, 1774                                  | 2         | 12         | 35         | 38         | 2          | 2         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 1         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 0          | 0          | 2          | 4          | 2         | 0         | 0        | 0         | 1         | 1         | 2         | 0        | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0          | 0          | 0          | 2          | 0         | 2         | 0        | 1         | 1         | 1         | 1         | 0        | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0         | 0          | 0          | 0          | 1          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 1         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0          | 0          | 0          | 0          | 0         | 1         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Cermea caruanae</i> (Kobelt, 1888)                          | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0          | 0          | 0          | 0          | 0         | 2         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| Helicoid juveniles                                             | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0         | 0          | 0          | 0          | 0          | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0        | 0         |
| <b>Total amount of molluscs</b>                                | <b>65</b> | <b>155</b> | <b>329</b> | <b>508</b> | <b>100</b> | <b>33</b> | <b>18</b> | <b>1</b> | <b>19</b> | <b>22</b> | <b>25</b> | <b>13</b> | <b>2</b> | <b>50</b> |

The molluscan counts for the deep cores

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 539       | 543        | 547       | 551       | 555       | 559       | 563      | 582       | 586       | 590       | 595       | 599       | 603       | 607       |
|----------------------------------------------------------------|-----------|------------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 46        | 32         | 15        | 18        | 12        | 8         | 0        | 0         | 0         | 3         | 3         | 0         | 2         | 1         |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 1         | 11         | 1         | 0         | 0         | 1         | 0        | 7         | 4         | 4         | 4         | 0         | 2         | 1         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 15        | 126        | 0         | 13        | 2         | 8         | 0        | 10        | 13        | 26        | 15        | 1         | 7         | 3         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 1         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0         | 10         | 3         | 4         | 4         | 9         | 0        | 5         | 2         | 3         | 4         | 0         | 1         | 0         |
| <i>Planorbis</i> Müller, 1774                                  | 4         | 16         | 12        | 19        | 3         | 3         | 0        | 5         | 30        | 28        | 34        | 10        | 24        | 8         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 7          | 0         | 0         | 0         | 0         | 0        | 14        | 2         | 3         | 2         | 2         | 0         | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0          | 0         | 0         | 1         | 3         | 0        | 2         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 2         | 0          | 0         | 0         | 1         | 0         | 0        | 0         | 1         | 2         | 1         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                             | 1         | 0          | 0         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0         | 0          | 1         | 0         | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>69</b> | <b>202</b> | <b>32</b> | <b>54</b> | <b>23</b> | <b>32</b> | <b>1</b> | <b>43</b> | <b>52</b> | <b>69</b> | <b>63</b> | <b>15</b> | <b>36</b> | <b>15</b> |

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 612       | 616       | 621       | 625       | 629       | 633      | 638       | 642      | 646       | 651       | 655       | 659       | 663       | 668       |
|----------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0         | 1         | 0         | 0         | 0         | 0        | 0         | 0        | 2         | 0         | 1         | 0         | 0         | 2         |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 1         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 2         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 7         | 9         | 2         | 3         | 1         | 2        | 8         | 2        | 9         | 8         | 15        | 6         | 7         | 4         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 2         | 0         | 0         | 1         | 0         | 0        | 1         | 3        | 0         | 0         | 1         | 2         | 2         | 0         |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 1         | 0         | 0         | 0         | 0         | 1        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0         | 0         | 1         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Planorbis</i> Müller, 1774                                  | 19        | 24        | 22        | 12        | 11        | 4        | 9         | 2        | 22        | 14        | 11        | 6         | 1         | 5         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 1         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 1         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cermea caruanae</i> (Kobelt, 1888)                          | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                             | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>31</b> | <b>35</b> | <b>25</b> | <b>16</b> | <b>12</b> | <b>7</b> | <b>18</b> | <b>7</b> | <b>33</b> | <b>22</b> | <b>28</b> | <b>14</b> | <b>10</b> | <b>13</b> |

The molluscan counts for the deep cores

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 672      | 682      | 686      | 691      | 696      | 701      | 706      | 710      | 715      | 720      | 725       | 730      | 734      | 739      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 3        | 0        | 0        | 0        | 2        | 3        | 0         | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4        | 2         | 1        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 1        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 4        | 3        | 8        | 5        | 5        | 3        | 4        | 1        | 6        | 2        | 6         | 3        | 0        | 1        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0        | 1        | 0        |
| Helicoid juveniles                                             | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 1         | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 1        |
| <b>Total amount of molluscs</b>                                | <b>4</b> | <b>3</b> | <b>9</b> | <b>6</b> | <b>8</b> | <b>3</b> | <b>4</b> | <b>2</b> | <b>9</b> | <b>9</b> | <b>10</b> | <b>6</b> | <b>1</b> | <b>2</b> |

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 744      | 749      | 754      | 758      | 763      | 768      | 773      | 778      | 802      | 806      | 810      | 814      | 818      | 822      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cermea caruanae</i> (Kobelt, 1888)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 1        | 4        | 1        | 3        | 4        | 6        | 3        | 2        | 0        | 0        | 0        | 3        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>3</b> | <b>4</b> | <b>1</b> | <b>3</b> | <b>5</b> | <b>7</b> | <b>4</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>3</b> | <b>1</b> | <b>1</b> |

The molluscan counts for the deep cores

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 826      | 831      | 835      | 839      | 843      | 847      | 851      | 855      | 859      | 863      | 867      | 871      | 876      | 880      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3        | 1        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>3</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.7 (cont.).

| Species/Depth (cm)                                             | 884      | 887      | 888      | 889       | 894      | 899       | 905      | 910       | 916       | 921      | 927      | 932      | 938      | 943      |
|----------------------------------------------------------------|----------|----------|----------|-----------|----------|-----------|----------|-----------|-----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 1        | 1         | 1        | 1         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 2        | 9         | 3        | 14        | 5        | 11        | 9         | 3        | 2        | 1        | 2        | 6        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0         | 1        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0        | 0        | 1        | 0         | 0        | 0         | 1        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0         | 1        | 0         | 1        | 0         | 0         | 0        | 0        | 0        | 1        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 2        | 2         | 2        | 1         | 1        | 0         | 1         | 0        | 2        | 1        | 2        | 1        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 1         | 1        | 0        | 1        | 1        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 2        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 0        |
| Helicioid juveniles                                            | 0        | 0        | 0        | 0         | 0        | 0         | 0        | 1         | 0         | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0        | 0        | 0        | 1         | 1        | 1         | 0        | 0         | 0         | 0        | 0        | 0        | 0        | 1        |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>1</b> | <b>6</b> | <b>13</b> | <b>9</b> | <b>17</b> | <b>8</b> | <b>13</b> | <b>11</b> | <b>6</b> | <b>4</b> | <b>3</b> | <b>6</b> | <b>8</b> |

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The molluscan counts for the deep cores

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**Table A5.7** (cont.).

| Species/Depth (cm)                                             | 949       | 954      | 960      | 965       | 971       | 976      | 982      | 987      |
|----------------------------------------------------------------|-----------|----------|----------|-----------|-----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0         | 0        | 0        | 1         | 0         | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0         | 0        | 1        | 0         | 0         | 0        | 0        | 0        |
| <i>Paludinella</i> cf. <i>littorina</i> (Delle Chiaje, 1828)   | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 9         | 1        | 4        | 24        | 12        | 4        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0        | 0        | 1         | 0         | 0        | 0        | 0        |
| <i>Bulinus</i> cf. <i>truncatus</i> (Audouin, 1827)            | 0         | 0        | 1        | 0         | 0         | 0        | 0        | 0        |
| <i>Lymnaea</i> (Feilden, 1879)                                 | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 1         | 1        | 0        | 1         | 0         | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0        | 0        | 0         | 0         | 0        | 1        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 1         | 0        | 0        | 0         | 0         | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>11</b> | <b>2</b> | <b>6</b> | <b>27</b> | <b>12</b> | <b>4</b> | <b>1</b> | <b>1</b> |

Table A5.8. *Xemxija 2.*

| Species/Depth (cm)                                             | 120      | 124      | 129      | 133      | 137      | 141      | 146      | 150      | 154      | 158      | 163      | 167      | 171      | 175      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2        | 3        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 3        | 1        | 2        | 1        | 2        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0        | 0        | 0        | 2        | 1        | 0        | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>3</b> | <b>3</b> | <b>5</b> | <b>4</b> | <b>2</b> |

The molluscan counts for the deep cores

Table A5.8. *Xemxija 2*.

| Species/Depth (cm)                                               | 180      | 184      | 188      | 192      | 197      | 200      | 201       | 206       | 211       | 216       | 223       | 227       | 232       | 237       |
|------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                      | 1        | 0        | 0        | 0        | 0        | 0        | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Cardium</i> sp.                                               | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                               | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                   | 1        | 0        | 2        | 1        | 0        | 3        | 6         | 17        | 18        | 8         | 70        | 59        | 28        | 21        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                      | 3        | 5        | 3        | 3        | 0        | 2        | 10        | 1         | 1         | 0         | 0         | 1         | 2         | 6         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                | 1        | 0        | 0        | 0        | 0        | 0        | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)   | 0        | 0        | 1        | 1        | 0        | 0        | 7         | 12        | 24        | 6         | 7         | 11        | 10        | 10        |
| <i>Ancylus fluviatilis</i> Müller, 1774                          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> ( <i>Galba</i> ) <i>truncatula</i> (Müller, 1774) | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Planorbis</i> Müller, 1774                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                 | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                       | 0        | 0        | 0        | 0        | 0        | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)  | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                          | 0        | 0        | 0        | 2        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                      | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                               | 0        | 1        | 0        | 1        | 0        | 1        | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                  | <b>6</b> | <b>6</b> | <b>6</b> | <b>8</b> | <b>1</b> | <b>6</b> | <b>28</b> | <b>31</b> | <b>44</b> | <b>14</b> | <b>77</b> | <b>72</b> | <b>41</b> | <b>38</b> |

Table A5.8. *Xemxija 2.*

| Species/Depth (cm)                                             | 242       | 248       | 253       | 258       | 264       | 269       | 274       | 279       | 285       | 290       | 295       | 300       | 319       | 323       |
|----------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 4         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                           | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                             | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                              | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 2         | 2         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 22        | 55        | 42        | 45        | 43        | 78        | 18        | 84        | 58        | 89        | 77        | 75        | 18        | 39        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Planorbis</i> Müller, 1774                                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 2         | 1         | 2         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 2         | 0         | 1         | 1         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                             | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>31</b> | <b>62</b> | <b>44</b> | <b>47</b> | <b>44</b> | <b>78</b> | <b>18</b> | <b>86</b> | <b>58</b> | <b>90</b> | <b>79</b> | <b>75</b> | <b>19</b> | <b>42</b> |

The molluscan counts for the deep cores

Table A5.8 (cont.).

| Species/Depth (cm)                                               | 328       | 332       | 336      | 340      | 345      | 349      | 353      | 358      | 362      | 366      | 371      | 375      | 379      | 384      |
|------------------------------------------------------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                      | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                               | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                                             | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                               | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                      | 49        | 5         | 3        | 4        | 4        | 1        | 0        | 3        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                             | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> ( <i>Galba</i> ) <i>truncatula</i> (Müller, 1774) | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 2        | 1        | 0        | 0        | 1        |
| <i>Planorbis</i> Müller, 1774                                    | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977             | 0         | 0         | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)         | 0         | 0         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 5        | 1        | 0        | 2        | 0        |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                       | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                                 | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                 | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                     | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                    | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                       | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                          | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)  | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                          | 1         | 9         | 6        | 5        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                      | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                               | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                  | <b>50</b> | <b>14</b> | <b>9</b> | <b>9</b> | <b>9</b> | <b>2</b> | <b>1</b> | <b>3</b> | <b>1</b> | <b>7</b> | <b>3</b> | <b>1</b> | <b>4</b> | <b>2</b> |

Table A5.8 (cont.).

| Species/Depth (cm)                                             | 388      | 392      | 397      | 401      | 415      | 420      | 424       | 429       | 433       | 438       | 442        | 447       | 451       | 456       |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 1        | 0        | 0        | 1        | 2        | 15        | 57        | 20        | 64        | 50         | 24        | 11        | 8         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 1        | 1        | 0        | 0        | 0         | 2         | 3         | 2         | 3          | 2         | 2         | 1         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 0        | 0        | 0        | 4        | 1        | 4         | 4         | 2         | 13        | 55         | 34        | 24        | 4         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 2        | 0        | 2        | 1        | 0        | 1        | 1         | 1         | 2         | 7         | 9          | 5         | 3         | 1         |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2         | 0         | 3         | 5          | 9         | 14        | 4         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 2         | 0         | 1         | 0          | 2         | 4         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 1        | 1        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 2         | 1          | 1         | 0         | 0         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 0         | 0         | 1          | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1         | 1         | 0         | 0          | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| Helicoid juveniles                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 1         | 0         | 0          | 0         | 0         | 0         |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>4</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>4</b> | <b>20</b> | <b>71</b> | <b>29</b> | <b>92</b> | <b>124</b> | <b>77</b> | <b>58</b> | <b>18</b> |

The molluscan counts for the deep cores

Table A5.8 (cont.).

| Species/Depth (cm)                                               | 460       | 465       | 470        | 474       | 478       | 483       | 488       | 492       | 496       | 501       | 526       | 530       | 534       | 539       |
|------------------------------------------------------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                      | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                               | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                             | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                               | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                   | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 1         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                      | 38        | 9         | 33         | 39        | 21        | 20        | 8         | 5         | 7         | 2         | 33        | 43        | 14        | 33        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                             | 0         | 1         | 0          | 4         | 1         | 4         | 2         | 2         | 3         | 0         | 2         | 0         | 4         | 2         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)   | 10        | 7         | 51         | 12        | 12        | 0         | 4         | 4         | 11        | 9         | 14        | 13        | 6         | 2         |
| <i>Ancylus fluviatilis</i> Müller, 1774                          | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> ( <i>Galba</i> ) <i>truncatula</i> (Müller, 1774) | 7         | 2         | 1          | 14        | 14        | 1         | 0         | 2         | 3         | 1         | 10        | 1         | 1         | 1         |
| <i>Planorbis</i> Müller, 1774                                    | 8         | 8         | 18         | 4         | 8         | 0         | 1         | 1         | 4         | 3         | 1         | 0         | 2         | 3         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977             | 0         | 0         | 1          | 2         | 5         | 10        | 2         | 0         | 4         | 0         | 0         | 0         | 1         | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)         | 1         | 0         | 0          | 0         | 0         | 0         | 5         | 1         | 0         | 0         | 1         | 2         | 7         | 1         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                       | 0         | 0         | 0          | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                                 | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                 | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                     | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                    | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                       | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                          | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)  | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                          | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                      | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                               | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| <i>Cecilioides acicula</i> (Müller, 1774)                        | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         |
| <b>Total amount of molluscs</b>                                  | <b>64</b> | <b>27</b> | <b>104</b> | <b>75</b> | <b>61</b> | <b>36</b> | <b>22</b> | <b>15</b> | <b>32</b> | <b>16</b> | <b>64</b> | <b>63</b> | <b>35</b> | <b>46</b> |

Table A5.8 (cont.).

| Species/Depth (cm)                                             | 543       | 547       | 551       | 556       | 560       | 564       | 568       | 573       | 577       | 581       | 585       | 590       | 594       | 598       |
|----------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 34        | 18        | 21        | 28        | 29        | 17        | 27        | 28        | 30        | 17        | 5         | 8         | 3         | 1         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 4         | 2         | 2         | 5         | 2         | 0         | 2         | 2         | 2         | 4         | 1         | 0         | 0         | 1         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 13        | 24        | 23        | 21        | 28        | 6         | 21        | 37        | 11        | 5         | 0         | 2         | 10        | 10        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 4         | 12        | 3         | 5         | 3         | 4         | 3         | 3         | 14        | 2         | 0         | 4         | 1         | 1         |
| <i>Planorbis</i> Müller, 1774                                  | 0         | 9         | 13        | 9         | 16        | 6         | 3         | 11        | 7         | 2         | 1         | 9         | 3         | 7         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 2         | 1         | 0         | 6         | 0         | 0         | 1         | 2         | 0         | 4         | 2         | 4         | 0         | 1         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 2         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 0         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>61</b> | <b>67</b> | <b>62</b> | <b>74</b> | <b>79</b> | <b>34</b> | <b>57</b> | <b>83</b> | <b>64</b> | <b>35</b> | <b>13</b> | <b>28</b> | <b>17</b> | <b>21</b> |

The molluscan counts for the deep cores

Table A5.8 (cont.).

| Species/Depth (cm)                                             | 602       | 606       | 611       | 626       | 630       | 635       | 639       | 644       | 648       | 653       | 657       | 662       | 666       | 671       |
|----------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 5         | 4         | 2         | 1         | 1         | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 4         | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 2         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 3         | 2         | 2         | 4         | 0         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 11        | 6         | 3         | 1         | 4         | 2         | 3         | 4         | 6         | 8         | 4         | 5         | 9         | 0         |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 2         | 0         | 0         | 0         | 1         | 0         | 2         | 0         | 0         | 1         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 3         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 2         | 2         | 3         | 0         | 0         | 3         |
| <i>Planorbis</i> Müller, 1774                                  | 5         | 1         | 6         | 18        | 24        | 34        | 14        | 12        | 6         | 24        | 23        | 25        | 19        | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 2         | 9         |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 4         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                | <b>28</b> | <b>11</b> | <b>12</b> | <b>22</b> | <b>31</b> | <b>37</b> | <b>21</b> | <b>18</b> | <b>14</b> | <b>40</b> | <b>33</b> | <b>34</b> | <b>41</b> | <b>16</b> |

Table A5.8 (cont.).

| Species/Depth (cm)                                             | 675       | 680       | 684       | 689       | 693      | 698      | 702      | 707      | 711      | 716      | 738      | 742      | 746      | 750      |
|----------------------------------------------------------------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                                           | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                             | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                              | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 1         | 6         | 4         | 8         | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 3         | 4         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 5         | 4         | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 1         | 0         | 5         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0         | 0         | 15        | 5         | 4        | 3        | 0        | 6        | 5        | 7        | 3        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0         | 1         | 0         | 0         | 1        | 0        | 3        | 0        | 0        | 2        | 0        | 0        | 2        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 2         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
| <b>Total amount of molluscs</b>                                | <b>12</b> | <b>15</b> | <b>26</b> | <b>13</b> | <b>9</b> | <b>3</b> | <b>3</b> | <b>6</b> | <b>5</b> | <b>9</b> | <b>3</b> | <b>1</b> | <b>3</b> | <b>3</b> |

The molluscan counts for the deep cores

Table A5.8 (cont.).

| Species/Depth (cm)                                               | 754      | 758      | 763      | 767      | 771      | 775      | 779      | 783      | 788      | 792      | 796      | 800      | 804      | 808      |
|------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> ( <i>Galba</i> ) <i>truncatula</i> (Müller, 1774) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                                 | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                    | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                               | 0        | 0        | 0        | 1        | 0        | 1        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)                        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                                  | <b>1</b> | <b>1</b> | <b>1</b> | <b>3</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.8 (cont.).

| Species/Depth (cm)                                             | 813      | 817      | 821      | 858      | 861      | 865      | 868      | 872      | 875      | 879      | 882      | 886      | 889      | 893      |
|----------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4        | 5        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxyloma elegans</i> (Risso, 1826)                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pisidium caesertanum</i> (Poli, 1791)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841) | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        |
| <i>Ancylus fluviatilis</i> Müller, 1774                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lymnaea</i> (Galba) <i>truncatula</i> (Müller, 1774)        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Planorbis</i> Müller, 1774                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vallonia pulchella</i> (Müller, 1774)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Oxychilus</i> Fitzinger, 1833                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rumina decollata</i> (Linnaeus, 1758)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Chondrula</i> (Mastus) <i>pupa</i> (Linnaeus, 1758)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                             | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceciloides acicula</i> (Müller, 1774)                       | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        |
| <b>Total amount of molluscs</b>                                | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>6</b> | <b>5</b> |

The molluscan counts for the deep cores

Table A5.8 (cont.).

| Species/Depth (cm)                                               | 896      | 900       | 903       | 907       | 910       | 914       | 917       | 921       | 924       | 928       | 931       |
|------------------------------------------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Bittium reticulatum</i> (Da Costa, 1778)                      | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cardium</i> sp.                                               | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cerithium</i> sp.                                             | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Gibbula</i> sp.                                               | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rissoa</i> sp.                                                | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Hydrobia</i> Hartmann, 1821                                   | 0        | 0         | 0         | 1         | 0         | 1         | 1         | 1         | 0         | 0         | 2         |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)                      | 6        | 9         | 13        | 25        | 18        | 18        | 20        | 58        | 41        | 22        | 7         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767)                | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxyloma elegans</i> (Risso, 1826)                             | 0        | 1         | 0         | 2         | 3         | 2         | 0         | 2         | 1         | 1         | 1         |
| <i>Pisidium caesertanum</i> (Poli, 1791)                         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         |
| <i>Pseudamnicola</i> (s.str.) <i>moussonii</i> (Calcara, 1841)   | 0        | 0         | 0         | 1         | 2         | 3         | 7         | 14        | 12        | 7         | 1         |
| <i>Ancylus fluviatilis</i> Müller, 1774                          | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Lymnaea</i> ( <i>Galba</i> ) <i>truncatula</i> (Müller, 1774) | 0        | 0         | 0         | 0         | 0         | 4         | 3         | 2         | 2         | 3         | 1         |
| <i>Planorbis</i> Müller, 1774                                    | 0        | 0         | 0         | 2         | 0         | 0         | 0         | 3         | 2         | 3         | 0         |
| <i>Carychium</i> cf. <i>schlickumi</i> Strauch, 1977             | 0        | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <i>Vallonia pulchella</i> (Müller, 1774)                         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Vertigo</i> cf. <i>antivertigo</i> (Draparnaud, 1801)         | 0        | 0         | 0         | 0         | 1         | 0         | 2         | 0         | 1         | 1         | 0         |
| <i>Lauria cylindracea</i> (Da Costa, 1778)                       | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Oxychilus</i> Fitzinger, 1833                                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Truncatellina callicratis</i> (Scacchi, 1833)                 | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)                     | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Muticaria macrostoma</i> (Cantraine, 1835)                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Rumina decollata</i> (Linnaeus, 1758)                         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Trochoidea spratti</i> (Pfeiffer, 1846)                       | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Ceruella caruanae</i> (Kobelt, 1888)                          | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Chondrula</i> ( <i>Mastus</i> ) <i>pupa</i> (Linnaeus, 1758)  | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)                          | 1        | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)                      | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Helicoid juveniles                                               | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)                        | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| <b>Total amount of molluscs</b>                                  | <b>7</b> | <b>10</b> | <b>14</b> | <b>33</b> | <b>24</b> | <b>32</b> | <b>33</b> | <b>81</b> | <b>59</b> | <b>37</b> | <b>12</b> |

Table A5.9. Marsaxlokk 1.

| Species/Depth (cm)                                | 15        | 19        | 24        | 28        | 32        | 36        | 41        | 45        | 49        | 54        | 58        | 62        | 67         | 71        |
|---------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| <i>Alvania</i> sp.                                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 3         | 0         | 3          | 1         |
| <i>Bittium</i> sp.                                | 1         | 1         | 0         | 2         | 3         | 6         | 2         | 2         | 7         | 8         | 12        | 6         | 14         | 8         |
| <i>Bolma rugosa</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Calliostoma</i> sp.                            | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0          | 1         |
| <i>Cerithium</i> sp.                              | 1         | 0         | 6         | 2         | 4         | 7         | 2         | 3         | 3         | 17        | 18        | 8         | 27         | 9         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cylichnia</i> sp.                              | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 1          | 1         |
| <i>Gibberula</i> sp.                              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Gibbula</i> sp.                                | 0         | 1         | 1         | 1         | 0         | 1         | 1         | 0         | 0         | 3         | 6         | 2         | 2          | 1         |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 5         | 2         | 2         | 3          | 6         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          | 0         |
| <i>Rissoa</i> sp.                                 | 0         | 3         | 2         | 3         | 4         | 3         | 0         | 2         | 4         | 5         | 10        | 4         | 10         | 2         |
| <i>Tricolia</i> sp.                               | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1          | 0         |
| <i>Turrida</i> sp.                                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 3         | 0          | 0         |
| <i>Cardium</i> sp.                                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cerastoderma</i> sp.                           | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 1          | 0         |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 3         | 2         | 3          | 2         |
| <i>Ostrea</i> sp.                                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Spondylus gaedareopus</i> (Linnaeus, 1758)     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Tellina planata</i> (Linnaeus, 1767)           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| other/unknown                                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0          | 0         |
| <i>Hydrobia</i> Hartmann, 1821                    | 5         | 6         | 10        | 18        | 9         | 12        | 13        | 7         | 14        | 30        | 28        | 18        | 62         | 27        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 2         | 1         | 1         | 2         | 0         | 0         | 3         | 1         | 0         | 9         | 8         | 3         | 18         | 10        |
| <i>Xerotricha</i> Monterosato, 1892               | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Granopupa granum</i> (Draparnaud, 1801)        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Papillifera papillaris</i> (Müller, 1774)      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Muticaria</i> Lindholm, 1925                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Trochoidea</i> Brown, 1827                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cerneuella caruanae</i> (Kobelt, 1888)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cochlicella acuta</i> (Müller, 1774)           | 3         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0          | 0         |
| <i>Eobania vermiculata</i> (Müller, 1774)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
| <i>Cecilioides acicula</i> (Müller, 1774)         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0          | 0         |
| Helicoid juveniles                                | 1         | 0         | 1         | 2         | 0         | 1         | 2         | 1         | 2         | 0         | 0         | 0         | 0          | 0         |
| <b>Total amount of molluscs</b>                   | <b>13</b> | <b>18</b> | <b>21</b> | <b>36</b> | <b>21</b> | <b>31</b> | <b>24</b> | <b>16</b> | <b>34</b> | <b>80</b> | <b>96</b> | <b>50</b> | <b>147</b> | <b>68</b> |

The molluscan counts for the deep cores

Table A5.9 (cont.).

| Species/Depth (cm)                                | 75        | 80        | 84        | 89       | 94        | 99       | 104      | 109       | 114       | 119       | 124        | 129       | 134        | 139        |
|---------------------------------------------------|-----------|-----------|-----------|----------|-----------|----------|----------|-----------|-----------|-----------|------------|-----------|------------|------------|
| <i>Alvania</i> sp.                                | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 1          | 0          |
| <i>Bittium</i> sp.                                | 2         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 2          | 18         |
| <i>Bolma rugosa</i> (Linnaeus, 1767)              | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Calliostoma</i> sp.                            | 0         | 1         | 1         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Cerithium</i> sp.                              | 1         | 3         | 1         | 0        | 0         | 0        | 0        | 1         | 1         | 0         | 0          | 13        | 28         | 49         |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 1          |
| <i>Cylichnia</i> sp.                              | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Gibberula</i> sp.                              | 0         | 0         | 0         | 1        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 1          | 0          |
| <i>Gibbula</i> sp.                                | 0         | 0         | 1         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 2         | 4          | 8          |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 1         | 0          | 1          |
| <i>Pirenella conica</i> (Blainville, 1826)        | 1         | 0         | 0         | 0        | 0         | 1        | 0        | 0         | 0         | 0         | 3          | 10        | 16         | 40         |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Rissoa</i> sp.                                 | 2         | 0         | 0         | 0        | 1         | 0        | 0        | 1         | 0         | 0         | 2          | 2         | 1          | 3          |
| <i>Tricolia</i> sp.                               | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Turrida</i> sp.                                | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Cardium</i> sp.                                | 0         | 0         | 0         | 0        | 0         | 0        | 1        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Cerastoderma</i> sp.                           | 0         | 0         | 1         | 0        | 1         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 4          |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 1         | 0         | 2         | 1          | 0         | 3          | 2          |
| <i>Ostrea</i> sp.                                 | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Spondylus gaedareopus</i> (Linnaeus, 1758)     | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Tellina planata</i> (Linnaeus, 1767)           | 0         | 1         | 1         | 0        | 0         | 0        | 0        | 0         | 1         | 0         | 0          | 0         | 0          | 1          |
| other/unknown                                     | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 1         | 0          | 0          |
| <i>Hydrobia</i> Hartmann, 1821                    | 17        | 9         | 10        | 1        | 1         | 1        | 3        | 15        | 24        | 22        | 59         | 47        | 46         | 109        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)       | 3         | 1         | 0         | 1        | 14        | 0        | 0        | 0         | 10        | 17        | 21         | 0         | 0          | 0          |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 4         | 5         | 6         | 1        | 1         | 0        | 0        | 0         | 3         | 5         | 32         | 23        | 10         | 29         |
| <i>Xerotricha</i> Monterosato, 1892               | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Granopupa granum</i> (Draparnaud, 1801)        | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Papillifera papillaris</i> (Müller, 1774)      | 1         | 1         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Muticaria</i> Lindholm, 1925                   | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Trochoidea</i> Brown, 1827                     | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)          | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 1          | 0          |
| <i>Cochlicella acuta</i> (Müller, 1774)           | 0         | 1         | 0         | 1        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 2          | 0          |
| <i>Eobania vermiculata</i> (Müller, 1774)         | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)       | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 1          | 0          |
| <i>Cecilioides acicula</i> (Müller, 1774)         | 0         | 0         | 0         | 0        | 2         | 1        | 0        | 0         | 0         | 0         | 0          | 0         | 0          | 0          |
| Helicioid juveniles                               | 0         | 0         | 0         | 0        | 0         | 0        | 0        | 0         | 0         | 0         | 0          | 0         | 2          | 1          |
| <b>Total amount of molluscs</b>                   | <b>31</b> | <b>22</b> | <b>21</b> | <b>5</b> | <b>20</b> | <b>3</b> | <b>4</b> | <b>18</b> | <b>39</b> | <b>46</b> | <b>118</b> | <b>99</b> | <b>118</b> | <b>266</b> |

Table A5.9 (cont.).

| Species/Depth (cm)                                | 144        | 149        | 154        | 159       | 164        | 169        | 174        | 179        | 184       | 189        | 194       | 199       | 204       | 209      |
|---------------------------------------------------|------------|------------|------------|-----------|------------|------------|------------|------------|-----------|------------|-----------|-----------|-----------|----------|
| <i>Alvania</i> sp.                                | 0          | 3          | 0          | 5         | 3          | 0          | 0          | 0          | 0         | 5          | 0         | 0         | 0         | 0        |
| <i>Bittium</i> sp.                                | 7          | 2          | 7          | 21        | 34         | 0          | 2          | 2          | 3         | 21         | 21        | 1         | 2         | 2        |
| <i>Bolma rugosa</i> (Linnaeus, 1767)              | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Calliostoma</i> sp.                            | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Cerithium</i> sp.                              | 23         | 28         | 15         | 16        | 38         | 3          | 5          | 2          | 15        | 30         | 19        | 2         | 1         | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 1         | 0         | 0         | 0        |
| <i>Cylichnia</i> sp.                              | 0          | 0          | 0          | 0         | 1          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Gibberula</i> sp.                              | 0          | 0          | 0          | 1         | 0          | 0          | 0          | 0          | 0         | 0          | 1         | 0         | 0         | 0        |
| <i>Gibbula</i> sp.                                | 5          | 5          | 2          | 8         | 4          | 0          | 0          | 1          | 2         | 5          | 4         | 0         | 0         | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0          | 0          | 0          | 2         | 1          | 0          | 0          | 0          | 0         | 0          | 1         | 0         | 0         | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 10         | 7          | 4          | 6         | 9          | 10         | 15         | 3          | 10        | 16         | 13        | 0         | 0         | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Rissoa</i> sp.                                 | 1          | 4          | 1          | 4         | 11         | 0          | 2          | 0          | 1         | 3          | 3         | 0         | 0         | 0        |
| <i>Tricolia</i> sp.                               | 0          | 0          | 0          | 0         | 1          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Turrida</i> sp.                                | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Cardium</i> sp.                                | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 1         | 0         | 0        |
| <i>Cerastoderma</i> sp.                           | 0          | 0          | 0          | 1         | 2          | 1          | 0          | 0          | 1         | 0          | 1         | 0         | 0         | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0          | 3          | 5          | 4         | 5          | 2          | 3          | 0          | 2         | 3          | 3         | 0         | 0         | 0        |
| <i>Ostrea</i> sp.                                 | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 1         | 0         | 0         | 0        |
| <i>Spondylus gaedareopus</i> (Linnaeus, 1758)     | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Tellina planata</i> (Linnaeus, 1767)           | 2          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| other/unknown                                     | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 91         | 48         | 37         | 10        | 35         | 59         | 249        | 103        | 26        | 15         | 12        | 1         | 0         | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)       | 1          | 0          | 0          | 0         | 0          | 7          | 0          | 1          | 1         | 2          | 4         | 3         | 8         | 1        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 40         | 103        | 42         | 9         | 6          | 62         | 35         | 10         | 18        | 3          | 4         | 1         | 1         | 0        |
| <i>Xerotricha</i> Monterosato, 1892               | 0          | 0          | 1          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)        | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 1         | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)      | 0          | 0          | 1          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 1         | 0         | 0        |
| <i>Muticaria</i> Lindholm, 1925                   | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Trochoidea</i> Brown, 1827                     | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 3         | 1         | 1        |
| <i>Cerneuella caruanae</i> (Kobelt, 1888)         | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 1         | 3         | 2         | 2        |
| <i>Cochlicella acuta</i> (Müller, 1774)           | 1          | 0          | 1          | 1         | 0          | 0          | 1          | 0          | 2         | 1          | 0         | 1         | 16        | 1        |
| <i>Eobania vermiculata</i> (Müller, 1774)         | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)       | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 2         | 0         | 0         | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)         | 1          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 2        |
| Helicoid juveniles                                | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 1          | 1         | 0         | 0         | 0        |
| <b>Total amount of molluscs</b>                   | <b>182</b> | <b>203</b> | <b>116</b> | <b>88</b> | <b>150</b> | <b>144</b> | <b>312</b> | <b>122</b> | <b>81</b> | <b>105</b> | <b>92</b> | <b>17</b> | <b>32</b> | <b>9</b> |

The molluscan counts for the deep cores

Table A5.9 (cont.).

| Species/Depth (cm)                                | 214      | 219      | 224      | 229      | 234      | 239      | 244      | 249      | 254      | 259      | 264      | 269      | 274      | 279      |
|---------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Alvania</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bittium</i> sp.                                | 0        | 1        | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 1        | 0        | 1        |
| <i>Bolma rugosa</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Calliostoma</i> sp.                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cylichnia</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibberula</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tricolia</i> sp.                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turrida</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| <i>Spondylus gaedareopus</i> (Linnaeus, 1758)     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina planata</i> (Linnaeus, 1767)           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/unknown                                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 2        | 0        | 0        | 2        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)      | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        |
| <i>Trochoidea</i> Brown, 1827                     | 1        | 0        | 2        | 2        | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 2        | 3        | 0        |
| <i>Cernuella caruanae</i> (Kobelt, 1888)          | 1        | 1        | 2        | 1        | 2        | 1        | 1        | 0        | 1        | 0        | 1        | 2        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)           | 0        | 0        | 2        | 0        | 2        | 0        | 1        | 1        | 2        | 0        | 0        | 1        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        |
| <i>Cecilioides acicula</i> (Müller, 1774)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicioid juveniles                               | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 1        | 2        | 0        | 3        | 0        |
| <b>Total amount of molluscs</b>                   | <b>2</b> | <b>4</b> | <b>6</b> | <b>4</b> | <b>6</b> | <b>2</b> | <b>4</b> | <b>4</b> | <b>5</b> | <b>4</b> | <b>7</b> | <b>7</b> | <b>9</b> | <b>3</b> |

Table A5.9 (cont.).

| Species/Depth (cm)                                | 284      | 289       | 294       | 299       | 304       | 309      | 314      | 319      | 324      | 329      | 334      | 339      | 344      | 349      |
|---------------------------------------------------|----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <i>Alvania</i> sp.                                | 0        | 0         | 4         | 2         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bittium</i> sp.                                | 0        | 5         | 15        | 6         | 2         | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bolma rugosa</i> (Linnaeus, 1767)              | 0        | 0         | 0         | 1         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Calliostoma</i> sp.                            | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                              | 0        | 5         | 31        | 9         | 3         | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cylichnia</i> sp.                              | 0        | 2         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibberula</i> sp.                              | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                | 0        | 5         | 8         | 3         | 1         | 1        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0        | 9         | 8         | 5         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                 | 0        | 10        | 6         | 2         | 1         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tricolia</i> sp.                               | 0        | 1         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turrida</i> sp.                                | 0        | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                           | 0        | 1         | 3         | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0        | 3         | 3         | 1         | 1         | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                 | 0        | 0         | 0         | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Spondylus gaedareopus</i> (Linnaeus, 1758)     | 0        | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina planata</i> (Linnaeus, 1767)           | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/unknown                                     | 0        | 0         | 0         | 0         | 0         | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 0        | 4         | 4         | 4         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)       | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0        | 0         | 3         | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892               | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)        | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)      | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                   | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea</i> Brown, 1827                     | 1        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerneuella caruanae</i> (Kobelt, 1888)         | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)           | 0        | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)         | 0        | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)       | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)         | 0        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                | 0        | 1         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                   | <b>1</b> | <b>47</b> | <b>88</b> | <b>37</b> | <b>13</b> | <b>6</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Table A5.9 (cont.).

| Species/Depth (cm)                                | 354      | 359      | 364      | 369      | 374      | 379      | 384      |
|---------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|
| <i>Alvania</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bittium</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Bolma rugosa</i> (Linnaeus, 1767)              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Calliostoma</i> sp.                            | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerithium</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Conus mediterraneus</i> (Hwass, 1792)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cylichnia</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibberula</i> sp.                              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Gibbula</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hexaplex trunculus</i> (Linnaeus, 1758)        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pirenella conica</i> (Blainville, 1826)        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Retusa truncatula</i> (Brugière, 1792)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Rissoa</i> sp.                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tricolia</i> sp.                               | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Turrida</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cardium</i> sp.                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cerastoderma</i> sp.                           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Loripes lucinalis</i> (Lamarck, 1818)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ostrea</i> sp.                                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Spondylus gaedareopus</i> (Linnaeus, 1758)     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Tellina planata</i> (Linnaeus, 1767)           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| other/unknown                                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Hydrobia</i> Hartmann, 1821                    | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ovatella myosotis</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Truncatella subcylindrica</i> (Linnaeus, 1767) | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Xerotricha</i> Monterosato, 1892               | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Granopupa granum</i> (Draparnaud, 1801)        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Papillifera papillaris</i> (Müller, 1774)      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Muticaria</i> Lindholm, 1925                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Trochoidea</i> Brown, 1827                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Ceriuella caruanae</i> (Kobelt, 1888)          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cochlicella acuta</i> (Müller, 1774)           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Eobania vermiculata</i> (Müller, 1774)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Pomatias sulcatus</i> (Draparnaud, 1801)       | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <i>Cecilioides acicula</i> (Müller, 1774)         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Helicoid juveniles                                | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total amount of molluscs</b>                   | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |



# Temple landscapes

The ERC-funded *FRAGSUS Project* (*Fragility and sustainability in small island environments: adaptation, cultural change and collapse in prehistory, 2013–18*), led by Caroline Malone (Queens University Belfast) has explored issues of environmental fragility and Neolithic social resilience and sustainability during the Holocene period in the Maltese Islands. This, the first volume of three, presents the palaeo-environmental story of early Maltese landscapes.

The project employed a programme of high-resolution chronological and stratigraphic investigations of the valley systems on Malta and Gozo. Buried deposits extracted through coring and geoarchaeological study yielded rich and chronologically controlled data that allow an important new understanding of environmental change in the islands. The study combined AMS radiocarbon and OSL chronologies with detailed palynological, molluscan and geoarchaeological analyses. These enable environmental reconstruction of prehistoric landscapes and the changing resources exploited by the islanders between the seventh and second millennia BC. The interdisciplinary studies combined with excavated economic and environmental materials from archaeological sites allows *Temple landscapes* to examine the dramatic and damaging impacts made by the first farming communities on the islands' soil and resources. The project reveals the remarkable resilience of the soil-vegetational system of the island landscapes, as well as the adaptations made by Neolithic communities to harness their productivity, in the face of climatic change and inexorable soil erosion. Neolithic people evidently understood how to maintain soil fertility and cope with the inherently unstable changing landscapes of Malta. In contrast, second millennium BC Bronze Age societies failed to adapt effectively to the long-term aridifying trend so clearly highlighted in the soil and vegetation record. This failure led to severe and irreversible erosion and very different and short-lived socio-economic systems across the Maltese islands.

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