

TAXONOMY WORK AT CNR

ERICA KEPPEL, SIMONA ARMELI MINICANTE, SERGIO BONOMO, LUCILLA CAPOTONDI,
ALESSANDRO CEREGATO, DIEGO FONTANETO, CARLO FROGLIA, ANTONELLA PETROCELLI, MARCO TAVIANI
& CNR TAXONOMIC TEAM

Contents

<u>CNR TAXONOMIC TEAM.....</u>	<u>1</u>
<u>INTRODUCTION</u>	<u>2</u>
<u>SYNTHESIS</u>	<u>7</u>
<u>BIBLIOGRAPHIC LIST</u>	<u>10</u>
<u>Description of new taxa/species, taxonomic reviews</u>	<u>10</u>
<u>Floro-faunal records (parataxonomic papers, species list, first records by determined area, records of non-indigenous species, etc.)</u>	<u>31</u>
<u>Molecular-Phylogenetic-Cytogenetic Analysis</u>	<u>91</u>
<u>COLLECTIONS.....</u>	<u>104</u>
<u>APPENDIX A</u>	<u>1</u>

How to cite this Report: KEPPEL E, ARMELI MINICANTE S, BONOMO S, CAPOTONDI L, CEREGATO A, FONTANETO D, FROGLIA C, PETROCELLI A, TAVIANI M & CNR TAXONOMIC TEAM (2017) Taxonomy work at CNR. ISMAR, Venezia. 146 pp.

CNR TAXONOMIC TEAM

1. ABBIATI MARCO (ISMAR, BOLOGNA)
2. AMORI GIOVANNI (ISE, ROMA)
3. ANGELETTI LORENZO (ISMAR, BOLOGNA)
4. ARMELI MINICANTE SIMONA (ISMAR, VENEZIA)
5. ASIOLI ALESSANDRA (ISMAR, BOLOGNA)
6. AUSTONI MARTINA (ISE, VERBANIA)
7. BADALAMENTI FABIO (IAMC, CASTELLAMMARE DEL GOLFO)
8. BALDRIGHI ELISA (ISMAR, ANCONA)
9. BELMONTE MANUELA (IAMC, TARANTO)
10. BERGAMI CATERINA (ISMAR, BOLOGNA)
11. BERNARDI AUBRY FABRIZIO (ISMAR, VENEZIA)
12. BOGGERO ANGELA (ISE, VERBANIA)
13. BOERO FERDINANDO (ISMAR, GENOVA)
14. BOLOGNINI LUCA (ISMAR, ANCONA)
15. BONOMO SERGIO (IAMC, NAPOLI)
16. BORSETTI ANNA MARIA (ISMAR, BOLOGNA)
17. CAMATTI ELISA (ISMAR, VENEZIA)
18. CAMEDDA ANDREA (IAMC, ORISTANO)
19. CAPOTONDI LUCILLA (ISMAR, BOLOGNA)
20. CAROPPO CARMELA (IAMC, TARANTO)
21. CECERE ESTER (IAMC, TARANTO)
22. CEREGATO ALESSANDRO (ISMAR, VENEZIA)
23. CHIARI MARCO (IGG, FIRENZE)
24. COLANGELO PAOLO (ISE, ROMA)
25. COMO SERENA (IAMC, ORISTANO)
26. COPPA STEFANIA (IAMC, ORISTANO)
27. DI LORENZO TIZIANA (ISE, FIRENZE)
28. DE LUCIA GIUSEPPE ANDREA (IAMC, ORISTANO)
29. DOMENICHETTI FILIPPO (ISMAR, ANCONA)
30. DONNICI SANDRA (ISMAR, VENEZIA)
31. ECKERT ESTER (ISE, VERBANIA)
32. FERRARO LUCIANA (IAMC, NAPOLI)
33. FINOTTO STEFANIA (ISMAR, VENEZIA)
34. FONTANETO DIEGO (ISE, VERBANIA)
35. FROGLIA CARLO (ISMAR, ANCONA)
36. GHIGLIOTTI LAURA (ISMAR, GENOVA)
37. GIACOBBE MARIA GRAZIA (IAMC, MESSINA)
38. GIOVANNELLI DONATO (ISMAR, ANCONA)
39. GRATI FABIO (ISMAR, ANCONA)
40. GUARNERI IRENE (ISMAR, VENEZIA)
41. KEPPEL ERICA (ISMAR, VENEZIA)
42. LA CONO VIOLETTA (IAMC, MESSINA)
43. LORU LAURA (ISE, SASSARI)
44. LUNA GIAN MARCO (ISMAR, ANCONA)
45. MAGNI PAOLO (IAMC, ORISTANO)

46. MANCA MARINA (ISE, VERBANIA)
47. MARCHETTO ALDO (ISE, VERBANIA)
48. MARTINEZ GARCIA ALEJANDRO (ISE, VERBANIA)
49. MASSI DANIELA (IAMC, MAZARA DEL VALLO)
50. MESSANA GIUSEPPE (ISE, FIRENZE)
51. MIRTO SIMONE (IAMC, CASTELLAMMARE DEL GOLFO)
52. PANFILI MONICA (ISMAR, ANCONA)
53. PANSERA MARCO (ISMAR, VENEZIA)
54. PANTALEONI ROBERTO (ISE, SASSARI)
55. PETROCELLI ANTONELLA (IAMC, TARANTO)
56. PIPITONE CARLO (IAMC, CASTELLAMMARE DEL GOLFO)
57. PISCIA ROBERTA (ISE, VERBANIA)
58. PRATO ERMELINDA (IAMC, TARANTO)
59. PUNZO ELISA (ISMAR, ANCONA)
60. RICCARDI NICOLETTA (ISE, VERBANIA)
61. RUBINO FERNANDO (IAMC, TARANTO)
62. SALVALAGGIO VERA (ISMAR, ANCONA)
63. SANTELLI ANGELA (ISMAR, ANCONA)
64. SERRA GIUSEPPE (ISE, SASSARI)
65. SIGOVINI MARCO (ISMAR, VENEZIA)
66. SPAGNOLO ALESSANDRA (ISMAR, ANCONA)
67. STRAFELLA PIERLUIGI (ISMAR, ANCONA)
68. TAGLIAPIETRA DAVIDE (ISMAR, VENEZIA)
69. TAITI STEFANO (ISE, FIRENZE)
70. TAVIANI MARCO (ISMAR, BOLOGNA)
71. VASAPOLLO CLAUDIO (ISMAR, ANCONA)
72. VACCHI MARINO (ISMAR, GENOVA)
73. VERDINELLI MARCELLO (ISE, SASSARI)
74. VOLTA PIETRO (ISE, VERBANIA)
75. YAKIMOV MICHAIL (IAMC, MESSINA)

INTRODUCTION

Taxonomy is the science of naming, describing and classifying organisms. Morphological descriptions are the base of this science but there are refined statistical tools available to quantify the differences between species in several features. These features include behavior, ecology, physiology, molecular biology, DNA sequence data, karyology, cytology, biochemistry, etc. and they make taxonomy a proper science with its toolkit of quantitative approaches to explicitly test hypotheses or identify, describe and arrange species into classifications. The taxonomist has the privilege and the burden of describing species that are new to science. Something that is not uncommon for many reasons even in well-studied areas as taxonomic investigation is becoming more and more sophisticated also because of the aid provided by molecular biology.

Nevertheless, taxonomy is in crisis all around the world (Godfray 2002, 2004, Giangrande 2003, Mallet & Willmott 2003, Raven 2004, Stoch 2004, Agnarsson & Kuntner 2007, Archambault et al 2010, Boero 2010, Bacher 2012), facing the same dramatic declining trend: lack of funding, loss of expertise due to retirements, and lack of personnel involved in this thematic. The current situation is a paradox: in a period of increasing biodiversity loss due to global environmental problems, the

expertise needed to describe and understand biodiversity decreases. The National Research Council of Italy (CNR), with its dwindling number of active taxonomists, is not one of its kind in this aspect.

Almost no grants are specifically devoted to basic taxonomy in Italy as it is also the case on a more global scale, and most taxonomists have to work on ecologically, oceanographic, stratigraphic or climatic oriented studies to satisfy a more applied vision of science. On the other hand, such specialists often deal with taxonomy as they need to identify the species in the environments they study, producing species lists and identifying new records. Thus, scientists with taxonomic expertise in some groups of organisms can be considered parataxonomists as their knowledge is not devoted to the study of biodiversity only, but they still use and know biodiversity. The term parataxonomist does not want to express a downgrading of the expertise but it is here used to distinguish the scientist that knows biodiversity without actively working for example on describing new species from a pure taxonomist, specifically devoted to describe biodiversity. Parataxonomy must not be confused with the term parataxon, a classification based on incomplete data. It is a term, instead, that was first coined by Daniel Janzen (e.g. Janzen 1991) to describe the jobs held by assistants to help taxonomists within the National Institute of Biodiversity of Costa Rica. As the pure taxonomists are declining, parataxonomists are acquiring a relevant role to save this peculiar knowledge and promote the study of taxonomy if correctly motivated and supported in their job. In the era of biodiversity, the role of real taxonomist is not something we can afford to lose, and we need to invest in rebuilding the expertise.

We need to train new generations, experts are needed to write down and update monographies. European Union had devoted plenty of funds for biodiversity but not to do pure taxonomy. The EU's Marine Strategy Framework Directive (MSFD) reports biodiversity as first descriptor. But who are the experts able to recognize the biodiversity? Our ability to identify biodiversity is critical to the next step: the comprehension of the ecosystem functioning. The EU has recognized just last year that there should be a balance of investment in infrastructure and in development of human capital, to provide scientific capacity for describing and characterizing species recognition (Thiede et al 2016 § 8.2.2 & Box 8.2).

The main rationale behind the present report is to fill the need to know how many people currently work in the field of taxonomy and parataxonomy within the CNR institutes mainly dedicated to the aquatic environments, which expertise are involved, and what the literature production outcome through years is composed of. Answering these questions becomes the basis for the next steps to resurrect taxonomy within CNR, from common project proposals to the protection of past and present knowledge gained to date in this area. This action is also functional to the recent MOTax initiative to promote taxonomy on a national base to serve societal purposes (Anonimo 2016).

The report includes the list of taxonomists from IAMC (Institute for Coastal Marine Environment), IGG (Institute of Geosciences and Earth Resources), ISE (Institute of Ecosystem Study), and ISMAR (Institute of Marine Sciences), who responded to our call, and their scientific publications on taxonomy. The names of the staff who responded to the call are marked in bold in the publication list.

The list of publications is divided in 3 categories:

- 1) description of new taxa\species, taxonomic reviews: all papers related to taxonomy *sensu stricto*
- 2) floro-faunal records (parataxonomic papers e.g. species lists, first records in specific areas, records of non-indigenous species, etc.)
- 3) molecular, phylogenetic, and cytogenetic analyses with a taxonomical rationale

The list of papers in each category was provided by each of the participating authors, and its correct identification in the category was cross checked from the pdf of the papers, available in the CNR repositories (i.e. PUMA, Gestionelstituti, PEOPLE). Few problems emerged during the bibliographic collection: availability of literature on website, and unequivocal placement of paper in the appropriate category in many cases. There are a few caveats in such bibliographic census and the resulting list should be considered as the best possible compromise in the identification of a recognizable taxonomic value in papers. Most papers discuss on biodiversity but, not necessary, they are dealing with taxonomy, and most ecological, biostratigraphic papers do not involve taxonomical work or it is not clearly evident in the work. Most species lists are attached as appendix or supplement, therefore they are not immediately evident and mostly overlooked.

Every paper is reported with keywords in square parentheses, helping the reader to understand taxon/taxa of each paper and the focal habitat. The first keywords are usually associated to the Phylum (e.g. Annelida, Mollusca) or Subphylum (e.g. Crustacea, Vertebrata) listed alphabetically with the addition of class or order in round brackets. Taxonomic terms were chosen following the classification of Ruggiero et al. (2015) since the online databases as WoRMS or ITIS are not updated for all the kingdoms. After the taxonomic keywords, habitat keywords were provided: "paleo" for fossil or extant fauna, and in case such keyword is not present, it is implicitly related to papers with living current fauna; "freshwater", "marine", "transitional waters", or "terrestrial" to indicate the habitat; "NIS" for papers dealing with non-indigenous species; "Species List" to designate the presence of a species list. In rare cases few different words were used as "Manual", "database", "collection", "cave fauna", and "meiofauna".

An additional category of taxonomic output does not deal with publications but provides a list of the collections belonging or made available by the staff of the institutes of CNR. Collections are an underestimated resource that the CNR institutes should implement and integrate in a network to avoid its loss and make it usable by other researchers and projects.

The bibliographic list does not cover all the taxonomic production of IAMC/IGG/ISE/ISMAR but it covers all the participants who answered to the Census of Taxonomists 2016 and are officially and actively participating to the taxonomic group inside the 4 Institutes. IGG is present with just two researchers, therefore it will not be discussed in the staff analysis. ISMAR has the highest number of staff involved in taxonomic studies with 35 units, followed by IAMC and ISE with 20 and 19 units, respectively. Not all retired staff, affiliated researchers, and staff who moved to other institutes were considered in this report. Therefore, what is here presented is still an incomplete view of the contribution of CNR to the field of taxonomy in the last 50 years. It is instead the first census of the active staff dealing and in perspective interested in working further in taxonomy, and of their activity in the field.

Table 1 provides the total number of papers per category and per habitat (marine/transitional vs freshwater/terrestrial).

The three institutes with several active taxonomists (IAMC/ISE/ISMAR) have enough personnel at different level of experience in terms of years of activity as a taxonomist, from zero to up to more than 40 years, with median values between 10 and 20 years (Fig 1-2-3-4). This means that, on one hand, there is an interest in taxonomy at an early stage of the career, and on the other hand, there are still highly experienced senior scientists that could transmit their knowledge. Figure 5 shows the percentage of research staff per institute divided by temporary staff, technicians, researchers, senior researchers and affiliate researchers. The proportion of temporary staff varies between

institutes, from 22% in IAMC to 37% in ISMAR, denoting an important role by non-permanent researchers. Considering the number of taxonomists in each institute, four locations are stronger than the others (Fig 6): Oristano and Taranto for IAMC with the same percentage (28%), Verbania (50%) for ISE and Ancona (40%) for ISMAR. All the institutes (IAMC, ISE, ISMAR) have most of the expertise in the kingdom Animalia (56-80%) (Fig 7), with IAMC including also expertise on Plantae and Protozoa. Therefore, the different institutes working on marine organisms (IAMC & ISMAR) are in reality complementary to each other in terms of taxonomic expertise.

The Appendix A illustrates the noticeable contribution offered by CNR scholars to taxonomy. The table lists all new taxa at specific or higher level introduced by the researchers mentioned in this report and that are still active in the field to date (March 31st, 2017). The total count documents as many as 634 taxa new to Science, including 534 species. The large majority of new taxa pertains to the terrestrial domain (77%) vs 23% aquatic taxa (21% of which marine or transitional). The terrestrial taxa are mostly Isopoda (Arthropoda) while the aquatic taxa are predominantly marine Mollusca and include many fossil representatives. Taxa are listed as originally introduced by the authors without discussing their subsequent history in terms of acceptance, refusal, or taxonomic updating.

References cited in the introduction

- Agnarsson I, Kuntner M (2007) Taxonomy in a changing world: seeking solutions for a science in crisis. *Systematic Biology* 56(3): 531-539.
- Archambault P, Snelgrove PVR, Fisher JAD, Gagnon J-M, Garbary DJ, et al. (2010) From Sea to Sea: Canada's Three Oceans of Biodiversity. *PLoS ONE* 5(8): e12182. doi:10.1371/journal.pone.0012182
- Anonimo (2016) MOTax Newsletter, Stazione Zoologica Anton Dohrn Napoli, Issue 0: 1-9.
- Bacher S (2012) Still not enough taxonomists: reply to Joppa et al. *Trends in Ecology and Evolution* 27: 65-66.
- Boero F (2010) The Study of Species in the Era of Biodiversity: A Tale of Stupidity *Diversity* 2: 115-126.
- Giangrande, A (2003) Biodiversity, conservation, and the 'Taxonomic impediment'. *Aquatic conservation: marine and freshwater ecosystems* 13: 451-459.
- Godfray HCJ (2002) Challenges for Taxonomy. *Nature* 417: 17-19.
- Godfray HCJ (2004) *Philosophical Transactions of the Royal Society London B* 359(1444): 559-569.
- Janzen DH (1991) How to save tropical biodiversity. *American Entomologist* 37: 159-171.
- Mallet J and Willmott K (2003) Taxonomy: renaissance or Tower of Babel? *Trends in Ecology and Evolution* 18(2): 57-59.
- Raven PH 2004 Taxonomy: where are we now? *Philosophical Transactions of the Royal Society London B* 359(1444): 729-730.
- Ruggiero MA, Gordon DP, Orrell TM, Bailly N, Bourgoin T, Brusca RC, Cavalier-Smith T, Guiry MD, Kirk PM (2015) A Higher Level Classification of All Living Organisms. *PLoS ONE* 10(6): e0130114. <http://dx.doi.org/10.1371/journal.pone.0119248>
- Stoch F (2004) Crisi o rinascita? I nuovi orizzonti della tassonomia in Italia. *Studi Trentini di Scienze Naturali, Acta Biologica* 81: 23-29
- Thiede J, Betti M, Dowell M, Martinsohn J, Bidoglio G, Aksens D, Bathmann U, Boero F, Boxshall G, Cury P, Emmerson R, Estrada M, Fine M, Grigelis A, Herman P, Hendl G, Kuparinen J, Prasil J, Serrao Santos R, Soomere T, Synolakis C (2016) Marine sustainability in an age of changing oceans and seas. EUROPEAN COMMISSION, DG Joint Research Centre; EASAC. 60 pp. <http://www.interacademies.net/File.aspx?id=29455>

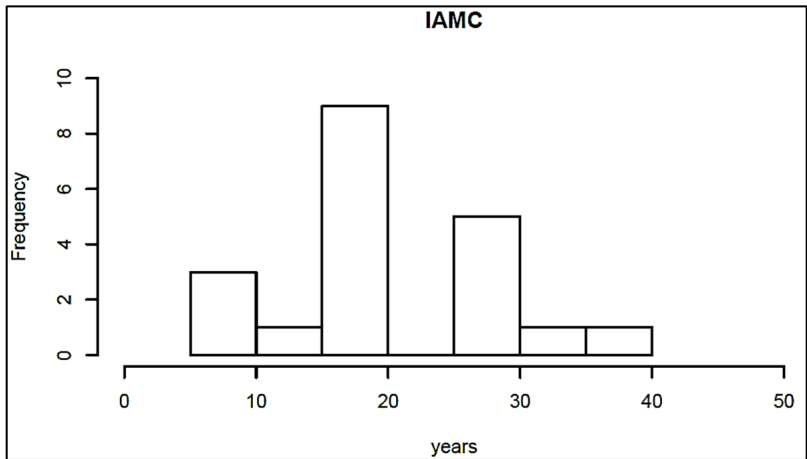


Figure 1: Years of taxonomic experience for staff working at IAMC.

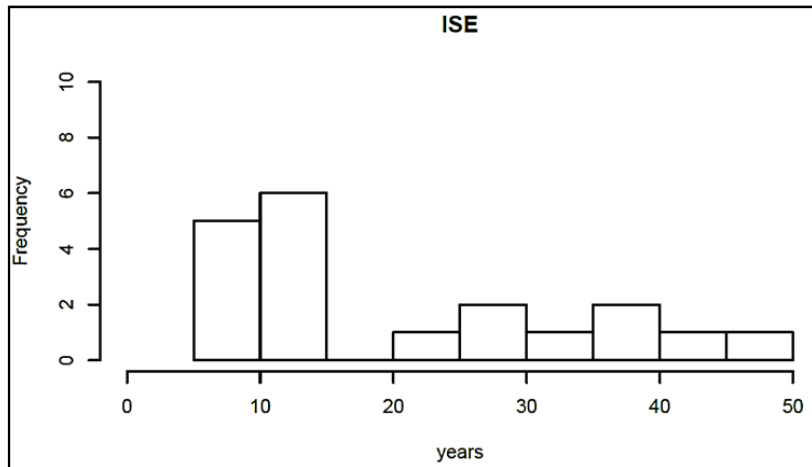


Figure 2: Years of taxonomic experience for staff working at ISE.

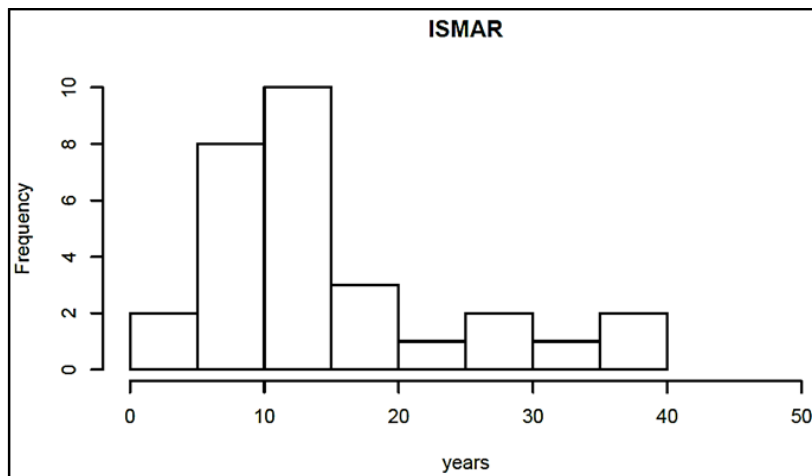


Figure 3: Years of taxonomic experience for staff working at ISMAR.

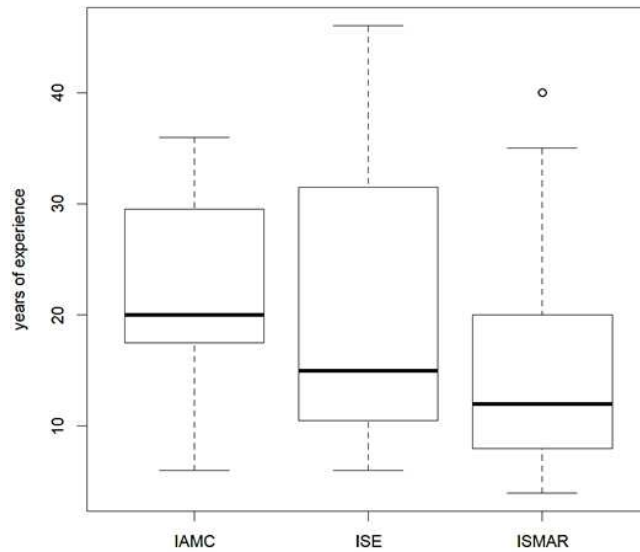


Figure 4: Boxplot of the years of taxonomic experience of staff in the three Institutes. The thick horizontal line is the median value, the boxes include 50% of the staff, the whiskers reach the highest and lowest value within 95% of the distribution, and the dots identify single values outside the 95%.

SYNTHESIS

TOTAL PAPER ENTRIES: 1140

YEARS COVERED: LAST 46 YEARS, FROM 1970 TO 2016

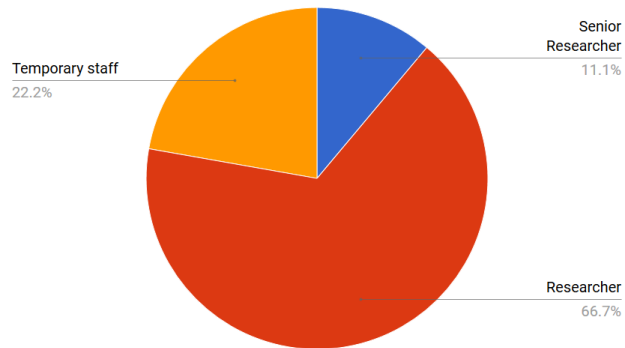
TAXA DESCRIBED NEW FOR THE SCIENCE: 636 (534 TO SPECIES LEVEL)

DETAILS: THIS IS NOT ALL THE TAXONOMIC PRODUCTION OF ISMAR/IAMC/ISE/IGG BUT IT BELONGS TO THE PARTICIPANTS THAT ANSWERED TO THE CENSUS 2016 AND ARE OFFICIALLY AND ACTIVELY PARTICIPATING TO THE TAXONOMIC GROUP INSIDE THE 4 INSTITUTES.

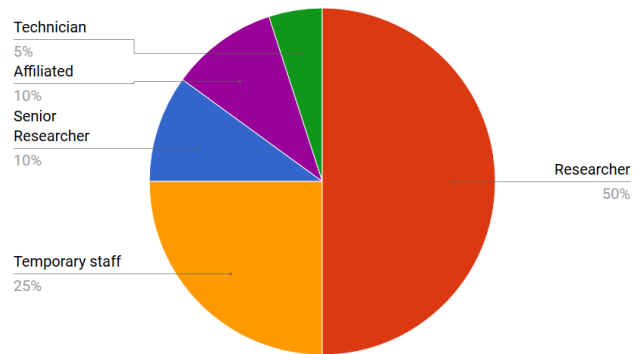
Table 1: Number of papers in each category and habitats divided in Marine/Transitional and Freshwater/Terrestrial

	Marine/Transitional waters		Fresh Water/Terrestrial	
	N# papers	%	N# papers	%
Tot Papers	619		521	
# Papers describing new species\taxonomical review	86	13.9	211	40.5
# Parataxonomic Papers	326	52.7	179	34.4
# Papers with first records	89	14.4	20	3.8
# Papers with NIS records	66	10.7	18	3.5
# Papers with molecular/phylogenetic/cytogenetic analysis	52	8.4	93	17.9
Collections	17		3	

Role of staff in IAMC



Role of staff in ISE



Role of staff in ISMAR

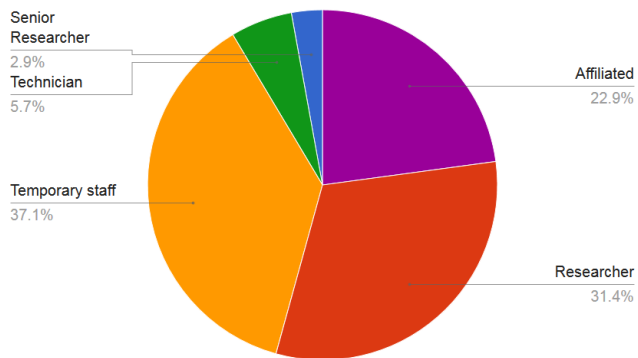


Figure 5: Percentage of the staff (considering only who had answered to the Census call 2016) per institute divided per temporary staff, technicians, researchers, senior researchers and affiliate.

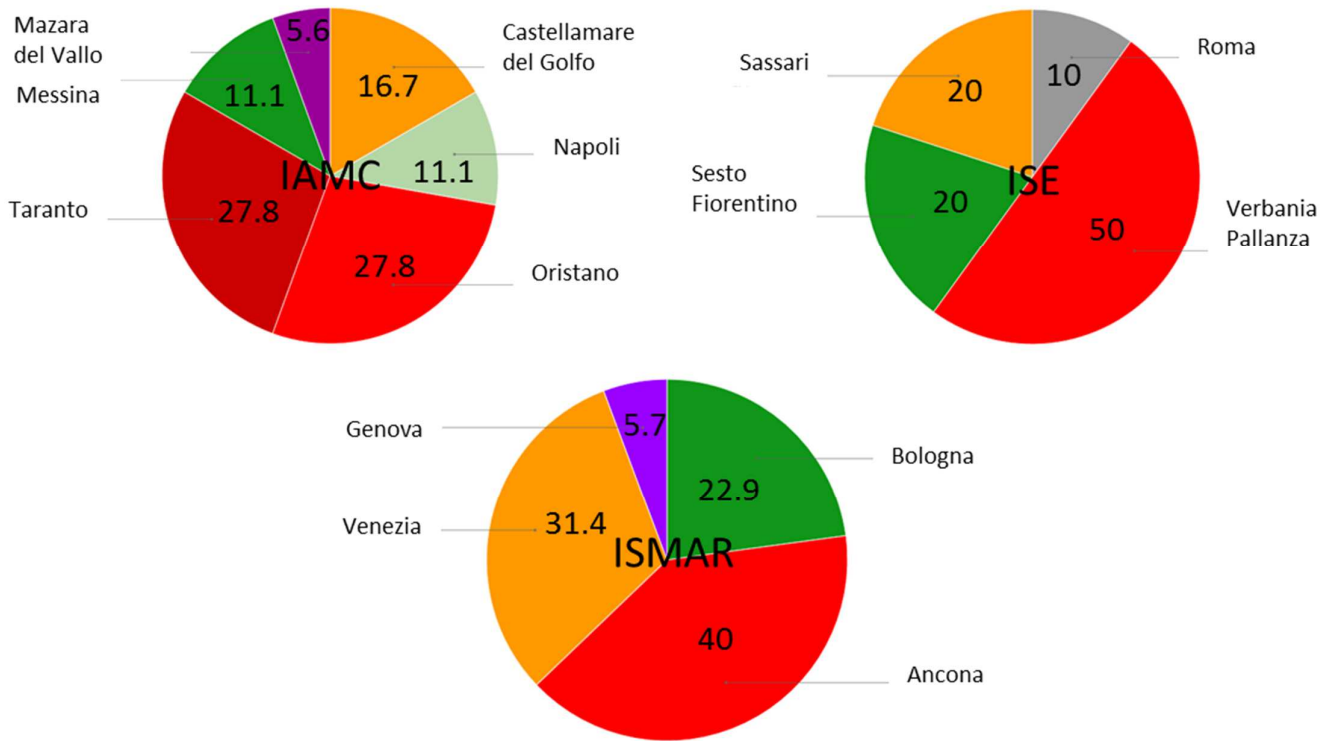


Figure 6: Distribution of percentage of staff (considering only who had answered to the Census call 2016) involved in taxonomic work per institute.

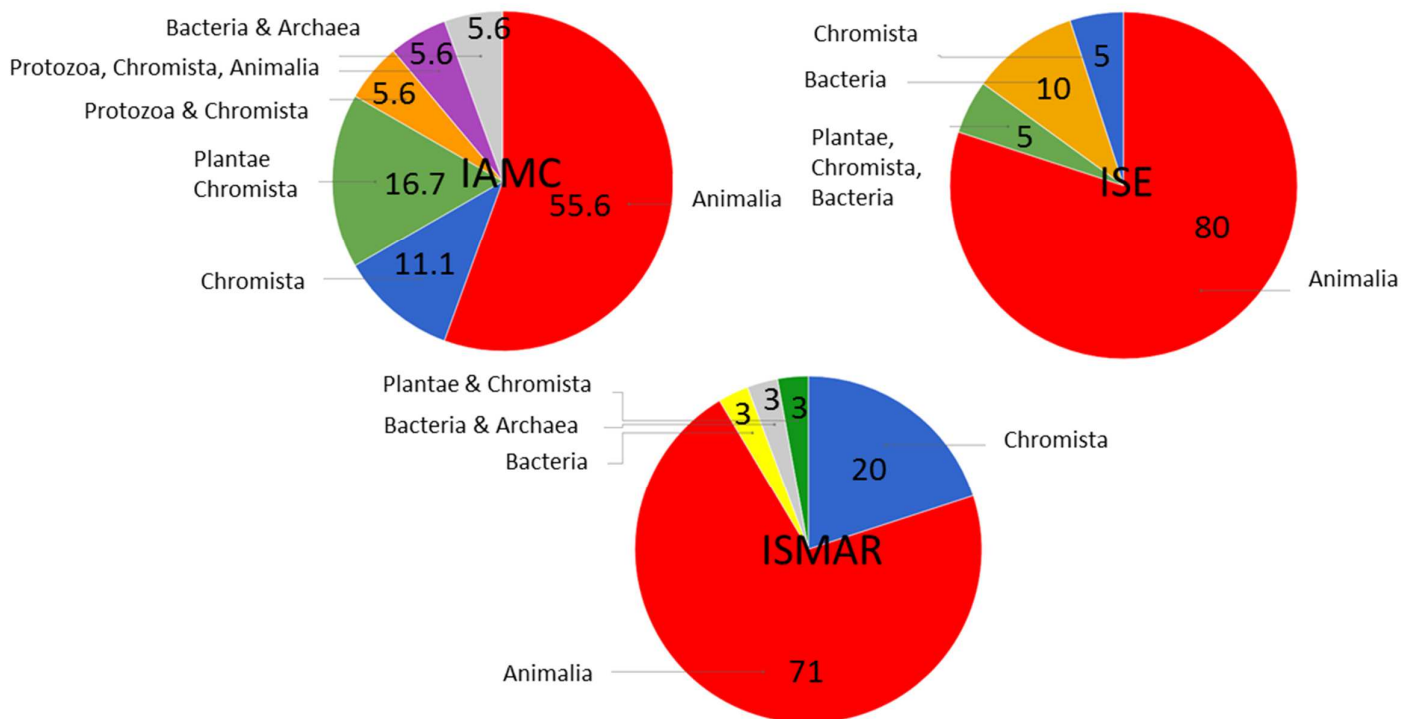


Figure 7: Percentage of staff (considering only who had answered to the Census call 2016) with experience on Kingdoms per institute.

BIBLIOGRAPHIC LIST

Description of new taxa/species, taxonomic reviews

- Abiadh A, **Colangelo P**, Capanna E, Cheniti TL, Chetoui M (2010) Morphometric analysis of six *Gerbillus* species (Rodentia, Gerbillinae) from Tunisia. *Comptes Rendus Biologies* 333: 680–687. [KW: **Vertebrata (Mammalia), terrestrial**]
- Albuquerque A, França L, Taborda M, **La Cono V**, **Yakimov M**, da Costa MS (2014) *Palleronia abyssalis* sp. nov., isolated from the deep Mediterranean Sea and the emended description of the genus *Palleronia* and of the species *Palleronia marisminoris*. *Antonie van Leeuwenhoek* 107: 633–642. doi:10.1007/s10482-014-0358-2 [KW: **Proteobacteria (Alphaproteobacteria, Rhodobacteriales), marine**]
- Albuquerque L, Taborda M, **La Cono V**, **Yakimov M**, da Costa MS (2012) *Natrinema salaciae* sp. nov., a halophilic archaeon isolated from the deep, hypersaline anoxic Lake Medee in the Eastern Mediterranean Sea. *Systematic and Applied Microbiology* 35: 368–373. doi: 10.1016/j.syapm.2012.06.005 [KW: **Euryarchaeota (Halobacteria, Natribiales), marine**]
- Amori G**, Contoli L, Nappi A (eds) (2008) Mammalia II. Erinaceomorpha, Soricomorpha, Lagomorpha, Rodentia. *Fauna d'Italia XLIV*. Calderini, Sole24Ore, Milano. [KW: **Vertebrata (Mammalia), terrestrial**]
- Araujo PB, **Taiti S** (2007) Terrestrial isopods (Crustacea, Oniscidea) from Rocas Atoll, northeastern Brazil. *Arquivos do Museu Nacional, Rio de Janeiro* 65(3): 347–355. [KW: **Crustacea (Isopoda), terrestrial**]
- Argano R, **Messana G** (1991) A new stygobitic Crustacean in the Ligurian Alps (Italy): *Chthonasellus bodoni* n. gen., n. sp. (Crustacea, Isopoda, Asellota). *Stygologia* 6(4): 209–215. [KW: **Crustacea (Isopoda), freshwater**]
- Badalamenti F**, Castelli A (1991) *Schroederella laubieri* n. sp., a new species of the subfamily Protoaricinae (Polychaeta: Orbiniidae), with some notes on the genus *Schroederella*, Laubier, 1962. *Bollettino di Zoologia* 58: 95–98. [KW: **Annelida (Orbiniidae), marine**]
- Badalamenti F**, Castelli A (1993) Censimento dei policheti dei mari italiani: Orbiniidae Hartman, 1942. *Atti della Società Toscana di Scienze Naturali Memorie Serie B* 100: 189–206. [KW: **Annelida (Orbiniida), marine**]
- Badano D, **Pantaleoni RA** (2012) *Agadirius trojani* gen. et sp. nov.: a new owlfly (Neuroptera Ascalaphidae) from Morocco. *Zootaxa* 3270: 51–57. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Badano D, **Pantaleoni RA** (2014) The larvae of European Ascalaphidae (Neuroptera). *Zootaxa* 3796(2): 287–319. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Badano D, **Pantaleoni RA** (2014) The larvae of European Myrmeleontidae (Neuroptera). *Zootaxa* 3762(1): 1–71. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Baratti M, **Messana G** (1990) An Asellid from the Apuan Alps: *Proasellus micropectinatus* n. sp. (Crustacea, Isopoda, Asellota). *Mémoires de Biospéologie* 17: 135–139. [KW: **Crustacea (Isopoda), freshwater**]
- Bastida-Zavala JR, McCann LD, **Keppel E**, Ruiz GM (2017) The Fouling serpulids (Polychaeta: Serpulidae) from the coasts of United States coastal waters: an

- overview. *European Journal of Taxonomy*. (In press) **[KW: Annelida (Polychaeta), marine]**
- Bedek J, **Taiti S** (2009) A new species of *Strouhaloniscellus* Tabacaru, 1993 (Crustacea: Isopoda: Oniscidea) from a cave in Mt Biokovo, Croatia. *Zootaxa* 2196: 59–64. **[KW: Crustacea (Isopoda), terrestrial]**
- Bedek J, **Taiti S** (2011) Preliminary taxonomic evaluation and diversity of *Alpioniscus* (*Illyrionethes*) taxa in the Dinaric karst. In: Zidar P, Štrus J (eds) *Proceedings of the 8th International Symposium of Terrestrial Isopod Biology ISTIB* University of Ljubljana, Biotechnical Faculty, Department of Biology, pp. 31–32. **[KW: Crustacea (Isopoda), terrestrial]**
- Benvenuti D, **Messana G**, Schotte M (2000) On a new species of *Oxinasphaera* (Isopoda, Sphaeromatidae) from somali and yemeni coast, Western Indian Ocean. *Crustaceana* 73(4): 407–415. **[KW: Crustacea (Isopoda), marine]**
- Benvenuti D, **Messana G** (2000) The sphaeromatid genus *Paracilicaea* Stebbing 1910 (Crustacea Isopoda) from the Western Indian Ocean with the description of five new species. *Tropical Zoology* 13: 181–217. **[KW: Crustacea (Isopoda), marine]**
- Bergami C, Capotondi L**, Langone L, Giglio F, Ravaioli M (2009) Distribution of living planktonic foraminifera in the Ross Sea and the Pacific sector of the Southern Ocean (Antarctica). *Marine Micropaleontology* 73: 37–48. **[KW: Foraminifera (Rotaliida), marine]**
- Besteiro C, Núñez J, **Martínez A** (2012) Familia Nerillidae Levinsen, 1883. In: Parapar J, Alós C, Núñez J, Moreira J, López E, Aguirrezabalaga F, Besteiro C, Martínez A *Annelida Polychaeta* III. Ramos MA et al (eds) *Fauna Ibérica* vol. 36. Museo Nacional de Ciencias Naturales. CSIC. Madrid: 335–345. **[KW: Annelida (Polychaeta), marine]**
- Beu A, **Taviani M** (2013) Early Miocene Mollusca from McMurdo Sound, Antarctica (ANDRILL 2A drill core), with a review of Antarctic Oligocene and Neogene Pectinidae (Bivalvia). *Palaeontology* 57(2): 299–342. **[KW: Mollusca (Bivalvia), paleo, marine]**
- Bezerra AMR, Annesi F, Aloise G, **Amori G**, Giustini L, Castiglia R (2016) Integrative taxonomy of the Italian pine voles, *Microtus savii* group (Cricetidae, Arvicolinae). *Zoologica Scripta* 45: 225–236. **[KW: Vertebrata (Mammalia), terrestrial]**
- Birky CW, Ricci C, Melone G, **Fontaneto D** (2011) Integrating DNA and morphological taxonomy to describe diversity in poorly studied microscopic animals: new species of the genus *Abrochtha* Bryce, 1910 (Rotifera: Bdelloidea: Philodinae). *Zoological Journal of the Linnean Society* 161: 723–734. **[KW: Rotifera, freshwater]**
- Boggero A**, Ruocco M, Shokri M, Ansaloni I, Zaupa S, Montagna M, Rossaro B (2017) *Chironomus* (*Chironomus*) *aprilinus* Meigen 1818, first record for Italy: morphology, cytotoxicity and ecology. *REDIA – Journal of Zoology* (100): 11–17. **[KW: Hexapoda (Diptera), freshwater]**
- Boggero A**, Zaupa S, Rossaro B (2014) *Pseudosmittia fabioi* sp. n., a new species from Sardinia (Diptera: Chironomidae, Orthocladinae). *Journal of Entomological and Acarological Research* 46(1892): 1–5. **[KW: Hexapoda (Diptera), freshwater]**
- Borsetti AM**, Cati F (1974) *Globigerinoides fragilis* nuova specie del Pliocene inferiore. *Giornale di Geologia* 2(38): 689–702. **[KW: Foraminifera (Rotaliida), paleo, marine]**

- Borsetti AM**, Cati F (1974) L'importanza di *Globigerinoides ruber seigliei* nella stratigrafia del Miocene terminale e descrizione di un nuovo taxon. *Giornale di Geologia* 2(39): 355–362. [KW: **Foraminifera (Rotaliida), paleo, marine**]
- Borsetti AM**, Vercesi PL (1977) *Glabrattella gallignanii* nuova specie dei sedimenti recenti del Tirreno e del Pliocene inferiore della Liguria occidentale *Atti dell'Istituto geologico dell'Università di Pavia* XXVI: 84–90. [KW: **Foraminifera (Rotaliida), marine**]
- Campos-Filho IS, Araujo PB, Bichuette ME, Trajano E, **Taiti S** (2014) Terrestrial isopods (Crustacea: Isopoda: Oniscidae) from Brazilian caves. *Zoological Journal of the Linnean Society* 172: 360–425. [KW: **Crustacea (Isopoda), terrestrial**]
- Campos-Filho IS, Bichuette ME, **Taiti S** (2016) Three new species of terrestrial isopods (Crustacea, Isopoda, Oniscidea) from Brazilian caves. *Nauplius* 24: e2016001, 19 pp. [KW: **Crustacea (Isopoda), terrestrial**]
- Campos-Filho IS, **Taiti S**, Araujo PB (2015) Taxonomic revision of the genus *Benthana* Budde-Lund, 1908 (Isopoda: Oniscidea: Philosciidae). *Zootaxa* 4022: 1–73. DOI: 10.11646/zootaxa.4022.1.1. [KW: **Crustacea (Isopoda), terrestrial**]
- Cantone G, Catalano D, **Badalamenti F** (2001) A new species of Nereididae (Annelida Polychaeta) from the Island of Ustica (Northern Sicily, Italy). *Marine Life* 11(1–2):11–16. [KW: **Annelida (Phyllodocida), marine**]
- Cardoso GM, **Taiti S**, Sfenthourakis S (2015) A new genus of Trachelipodidae Strouhal, 1953 (Crustacea, Isopoda, Oniscidea) from the eastern Mediterranean. *Zootaxa* 4040(1): 1–16. [KW: **Crustacea (Isopoda), terrestrial**]
- Caroppo C** (2001) Autoecology and morphological variability of *Dinophysis sacculus* (Dinophyceae: Dinophysiaceae) in a Mediterranean lagoon. *Journal of the Marine Biological Association of the United Kingdom* 81: 11–21. [KW: **Myzozoa (Dinophyceae), marine**]
- Caroppo C**, Albertano P, Bruno L, Montinari MR, Rizzi M, Vigliotta G, Pagliara P (2012) Identification and characterization of a new *Halomicronema* species (Cyanobacteria) isolated from the Mediterranean marine sponge *Petrosia ficiformis* (Porifera). *Fottea* 12(2):315–326. [KW: **Cyanobacteria, marine**]
- Casale A, Giachino PM, **Pantaleoni RA** (1996) Life history and pre-imaginal stages of *Dromius meridionalis* (Coleoptera: Carabidae: Dromiini) in Sardinia. *Acta Societas Zoologicae Bohemicae* 60: 363–371. [KW: **Hexapoda (Coleoptera), terrestrial**]
- Castelli A, **Badalamenti F**, Lardicci C (1987) *Exogone cognetii* n. sp. a new species of the subfamily Exogoninae (Polychaeta: Syllidae) collected in the Bay of Calvi (Northern Corsica). *Bollettino di Zoologia* 54: 155–157. [KW: **Annelida (Phyllodocida), marine**]
- Ceregato A**, Della Bella G, Tabanelli C (2005) Revisione della malacofauna pliocenica di Rio Albonello. I. La presenza del genere *Pelycidion*, Fischer in Folin & Perier, 1873 (Gastropoda, Pelycidiidae). *Bollettino Malacologico* 40(9–12): 101–105. [KW: **Mollusca (Gastropoda), paleo, marine**]
- Ceregato A**, Della Bella G (2004) *Crassispira leonardiana*, n. sp. In: Scarponi D, Della Bella G, Molluschi del Pliocene dell'Emilia Romagna e della Toscana – Conoidea I. Drilliidae e Turridae. Collana a cura di Ceregato A, Raffi S, Regione–Emilia Romagna, Sistema Museale d'Ateneo, Museo Geologico Capellini G, pp. 50–51. [KW: **Mollusca (Neogastropoda), paleo, marine**]

- Ceregato A**, Scarponi D, Della Bella G. (2010) The Neogene mollusc type material from the collection Lodovico Foresti preserved in the “Giovanni Capellini” Museum of Geology of Bologna University, Italy. *GeoActa* 9: 43–56. **[KW: Mollusca, paleo, marine]**
- Ceregato A**, Tabanelli C (2001) *Kelliella ruggierii*, A new deep-sea bivalve from the Mediterranean pliocene. *Bollettino della Società Paleontologica Italiana* 40(3): 339–343. **[KW: Mollusca (Bivalvia), paleo, marine]**
- Ceregato A**, Tabanelli C (2005) Il genere *Ceratia* Adams H & A, 1852 nei depositi pliocenici della Romagna. (Mollusca Mesogastropoda Rissoidea Iravadiidae). *Quaderni di studi e notizie di storia naturale della Romagna* 20: 5–8. **[KW: Mollusca (Gastropoda), paleo, marine]**
- Ceregato A**, Tabanelli C (2006) Revisione della malacofauna pliocenica di Rio Albonello. IV Due taxa dimenticati di Giuseppe Seguenza. *Bollettino Malacologico* 42(1–4): 33–37. **[KW: Mollusca (Gastropoda), paleo, marine]**
- Cesaroni C, Nicoli Aldini R, **Pantaleoni RA** (2010) Larvae of *Gymnocnemia variegata* (Schneider, 1845) and *Megistopus flavicornis* (Rossi, 1790) (Neuroptera Myrmeleontidae). In: Devetak, D, Lipovšek, S, Arnett AE (eds) *Proceedings of the Tenth International Symposium on Neuropterology*. Piran, Slovenia, 2008. Maribor, Slovenia. pp. 135–144. **[KW: Hexapoda (Neuroptera), terrestrial]**
- Chelazzi L, **Messana G** (1982) *Monodella somala* n.sp. (Crustacea Thermosbaenacea) from the Somali Democratic Republic. *Monitore Zoologico Italiano* S16: 161–172. **[KW: Crustacea (Thermosbaenacea), freshwater]**
- Chelazzi L, **Messana G** (1985) *Acanthastenasellus forficuloides* n. gen. n. sp., a stenasellid isopod (Asellota) from Somalian phreatic layer. *Monitore Zoologico Italiano* S20: 43–54. **[KW: Crustacea (Isopoda), freshwater]**
- Chelazzi L, **Messana G** (1987) Speleobiology of Somalia. *Stenasellus agiuranicus* n. sp. a new stygobiont isopod (Crustacea Asellota Stenasellidae) from the caves of Mugdile and Showli Berdi. *Monitore Zoologico Italiano* S22: 281–289. **[KW: Crustacea (Isopoda), freshwater]**
- Chiari M** (1994) Radiolarian assemblage from Ophiolite sequence of Northern Apennines: 2 - Sasso di Castro sections. *Ofioliti* 19(2b): 377–395. **[KW: Radiozoa (Radiolaria), marine, Species List]**
- Chiari M**, Cortese G, Marcucci M., Nozzoli N (1997) Radiolarian biostratigraphy in the sedimentary cover of the ophiolites, of south-western Tuscany, Central Italy. *Eclogae Geologicae Helvetiae* 90: 55–77. **[KW: Radiozoa (Radiolaria), marine, Species List]**
- Chiari M**, Marcucci M, Prela M (2002) New species of Jurassic radiolarian in the sedimentary cover of ophiolites in the Mirdita area, Albania. *Micropaleontology* 48(S1): 61–87. **[KW: Radiozoa (Radiolaria), marine, Species List]**
- Colangelo P**, Castiglia R, Franchini P, Solano E (2010) Pattern of shape variation in the eastern African gerbils of the genus *Gerbilliscus* (Rodentia, muridae): Environmental correlations and implication for taxonomy and systematics. *Mammalian Biology* 75: 302–310. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colangelo P**, Civitelli MV, Capanna E (2001) Morphometry and chromosomes of *Tatera Lataste* 1882 (Rodentia, Muridae, Gerbillinae) in West Africa. *Tropical Zoology* 14: 243–253. **[KW: Vertebrata (Mammalia), terrestrial]**
- Corti M, Castiglia R, **Colangelo P**, Capanna E, Beolchini F, Bekele A, Oguge NO, Makundi RH, Sichilima AM, Leirs H, Verheyen W, Verhagen R (2005) Cytotaxonomy of rodent

- species from Ethiopia, Kenya, Tanzania and Zambia. *Belgian Journal of Zoology* 135: 157–176. [KW: **Vertebrata (Mammalia), terrestrial**]
- Crovato P, **Taviani M** (1985) *Nystiella atlantis* Clench & Turner, 1952, from the Pleistocene of Archi (Reggio Calabria: southern Italy): First fossil record of the subfamily Nystiellinae (Gastropoda, Epitoniidae). *Bollettino Malacologico* 21(10–12): 289–294. [KW: **Mollusca (Gastropoda), paleo, marine**]
- Dell'Angelo B, Bonfitto A, **Taviani M** (2011) Chitons (Polyplacophora) from Paleogene strata in Western Washington State, USA. *Journal of Paleontology* 85(5): 936–954. [KW: **Mollusca (Polyplacophora), paleo, marine**]
- Dell'Angelo B, Lombardi C, **Taviani M** (1998) Chitons (Mollusca, Polyplacophora) collected during cruise CS96 in the Strait of Sicily. *Giornale di Geologia* 3(60): 235–252. [KW: **Mollusca (Polyplacophora), marine**]
- Dell'Angelo B, Sabelli B, **Taviani M**, Bonfitto A (2010) New data on the Polyplacophora of Madagascar (Western Indian Ocean). *Archiv für Molluskenkunde* 139(1): 35–43. [KW: **Mollusca (Polyplacophora), marine**]
- Del Ry D, **Messana G** (1997) Morphometric comparison of two populations of *Stenasellus racovitzai* Razzauti 1925 (Crustacea, Isopoda, Asellota). *Atti XII Congresso AIOL I*: 435–444. [KW: **Crustacea (Isopoda), freshwater**]
- De Smet WH, Melone G, **Fontaneto D**, Leasi F (2015) Marine Rotifera. Fauna d'Italia vol. 50. Bologna, Calderini. [KW: **Rotifera, marine**]
- Di Domenico M, **Martínez A**, Amaral CCZ, Lana PC, Worsaae K (2014) Saccocirridae (Annelida) from the southern and southeastern Brazilian coasts. *Marine Biodiversity* 44(3): 313–325. DOI:10.1007/s12526-014-0208-5. [KW: **Annelida (Polychaeta), marine**]
- Di Domenico M, **Martínez A**, Lana PC, Worsaae K (2013) *Protodrilus* (Protodrilidae, Annelida) from the southern and southeastern Brazilian coasts. *Helgoland Marine Research* 67(4): 733–748. DOI:10.1007/s10152-013-0358-z [KW: **Annelida (Polychaeta), marine**]
- Di Domenico M, **Martínez A**, Lana PC, Worsaae K (2014) Molecular and morphological phylogeny of Saccocirridae (Annelida) reveals two cosmopolitan clades with specific habitat preferences. *Molecular Phylogenetics and Evolution* 75: 202–218. DOI:10.1016/j.ympev.2014.02.003 [KW: **Annelida (Polychaeta), marine**]
- Fadda C, Castiglia R, **Colangelo P**, Corti M, Machang'u R, Makundi R, Scanzani A, Protas T, Verheyen E, Capanna E (2001) The rodent fauna of Tanzania: a cytotaxonomic report from the Masaai Steppe (1999). *Rendiconti Lincei, Scienze Fisiche e Naturali* s. 9 v. 12: 29–49. [KW: **Vertebrata (Mammalia), terrestrial**]
- Ferrara F, Meli C, **Taiti S** (1995) Taxonomic revision of the subfamily Toradjiinae (Crustacea: Oniscidea: Scleropactidae). *Zoological Journal of the Linnean Society* 113: 351–459. [KW: **Crustacea (Isopoda), terrestrial**]
- Ferrara F, Paoli P, **Taiti S** (1994) Philosciids with pleopodal lungs? The case of the genus *Aphiloscia* Budde-Lund, 1908 (Crustacea: Isopoda: Oniscidea), with a description of six new species. *Journal of Natural History* 28: 1231–1264. [KW: **Crustacea (Isopoda), terrestrial**]
- Ferrara F, Paoli P, **Taiti S** (1997) An original respiratory structure in the xeric genus *Periscyphis* Gerstaecker, 1873 (Crustacea: Oniscidea: Eubelidae). *Zoologischer Anzeiger* 235(1996/97): 147–156. [KW: **Crustacea (Isopoda), terrestrial**]

- Ferrara F, Schmalzfuss H, **Taiti S** (1987) *Cristarmadillo pardii*, new species of Armadillidae from Zaire (Crustacea Isopoda Oniscoidea). *Monitore Zoologico Italiano* S22: 375–381. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1976) Description of a new terrestrial isopod (Crustacea Oniscoidea) from central Africa: *Kivudillo benoiti* n. gen. n. sp. *Monitore Zoologico Italiano* S8: 203–211. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1978a) Gli Isopodi terrestri dell'Arcipelago Toscano. Studio sistematico e biogeografico. *Redia* 61: 1–106. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1978b) *Pseudodiploexochus madagascariensis*, new species of Armadillidae (terrestrial Isopoda) from Madagascar. *Monitore Zoologico Italiano* S10: 81–83. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1978c) Un nuovo Isopodo terrestre proveniente dalla Rhodesia: *Rhodesillo sulcifrons* n. g., n. sp. (Armadillidae). *Revue de Zoologie africaine* 92: 947–952. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1981) Terrestrial Isopods from Ascension Island. *Monitore Zoologico Italiano* S14: 189–198. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1982a) A new Philosciid from eastern Africa (Crustacea, Oniscoidea). *Revue Suisse de Zoologie* 89: 439–442. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1982b) On two genera of Eubelidae (Crustacea Isopoda) from eastern Africa: *Aethiopopactes* Verhoeff, 1942 and *Oropactes* n. gen. *Monitore Zoologico Italiano* S16: 205–217. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1982c) *Periscyphis merolobatus*, a new species of terrestrial isopod from Ethiopia. *Crustaceana* 43: 9–12. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1982d) Ricerche zoologiche della "REEF 78" alle Andamane. VIII. Isopodi terrestri delle Isole Andamane. *Bollettino del Museo civico di Storia naturale di Verona* 8 (1981): 459–492. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1982e) Su alcuni Eubelidi dei Monti Uluguru, Tanzania (Crustacea, Oniscoidea). *Revue de Zoologie africaine* 96: 847–858. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1982f) The reduction of the genus *Buddelundiscus* Verhoeff, 1942 to a synonym of *Aphiloscia* Budde-Lund, 1908 (Crustacea, Isopoda, Philosciidae). *Spixiana* 5: 187–191. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1983a) Contribution à l'étude de la faune terrestre des îles granitiques de l'archipel des Séchelles (Mission PLG Benoit - JJ Van Mol 1972). Isopodi terrestri. *Annales du Musée royal de l'Afrique centrale, Série IN- 8th (Sciences Zoologiques)* 242: 1–92. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1983b) *Troglocylisticus cyrnensis* n. gen. n. sp. di Isopodo terrestre della Corsica (Cylisticidae). *Redia* 66: 485–490. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1984a) New species and records of Philosciidae (terrestrial Isopods) from eastern Africa. *Revue de Zoologie africaine* 98: 295–307. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1984b) *Oritoniscus beroni* nuova specie di Isopodo terrestre della Sardegna (Trichoniscidae). *Redia* 67: 417–420. **[KW: Crustacea (Isopoda), terrestrial]**

- Ferrara F, **Taiti S** (1985a) New genera, species and records of Philosciidae (Crustacea, Isopoda, Oniscidea) from southern Africa and Madagascar. *Annals of the Natal Museum* 26: 559–600. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1985b) Su una nuova specie del genere *Cylisticus* Schnitzler, 1853 della Liguria orientale (Crustacea, Oniscidea). *Fragmenta entomologica* 18: 33–37. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1985c) The terrestrial isopods (Crustacea) of Aldabra. *Zoological Journal of the Linnean Society* 85: 291–315. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1985d) Two new species of *Aethiopopactes* (Isopoda: Eubelidae) with systematic and zoogeographic observations on the genus. *Cimbebasia* (A)7: 77–85. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1986a) Ricerche sulla fauna appenninica. CXLIX. Su alcune specie di isopodi terrestri della fauna italiana. *Bollettino del Museo civico di Storia naturale di Verona* 11 (1984): 469–479. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1986b) The terrestrial Isopods (Oniscidea) of the Arabian Peninsula. *Fauna of Saudi Arabia* 7(1985): 93–121. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1986c) Validity of the genus *Anchiphiloscia* Stebbing, 1908 (Crustacea Isopoda Oniscidea). *Monitore Zoologico Italiano* S21: 149–167. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1988) Terrestrial isopods from Oman (Crustacea). *Journal of Oman Studies* Special Report 3: 391–396. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1989a) A new genus and species of terrestrial isopod from Malaysia (Crustacea, Oniscidea, Platyarthridae). *Journal of Natural History* 23: 1033–1039. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1989b) Description of two new genera and species of terrestrial isopods (Isopoda, Oniscidea, Eubelidae) from Africa. *Crustaceana* 57: 88–96. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1990a) A new genus of Eubelidae (Crustacea Isopoda Oniscidea) from the Horn of Africa and the Arabian Peninsula. *Tropical Zoology* 3: 89–105. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1990b) Two new species of *Reductoniscus* Kesselyak, 1930 from New Guinea (Crustacea, Oniscidea, Armadillidae). *Revue Suisse de Zoologie* 97: 489–497. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1996a) Terrestrial Isopoda (Crustacea) from Yemen. *Fauna of Saudi Arabia*, 15: 118–136. **[KW: Crustacea (Isopoda), terrestrial]**
- Ferrara F, **Taiti S** (1996b) *Typhlarmadillidium ruffoi* nuova specie di Isopode terrestre dei Colli Euganei (Padova) (Crustacea, Oniscidea, Armadillidiidae). *Bollettino del Museo civico di Storia naturale di Verona* 20(1993): 727–732. **[KW: Crustacea (Isopoda), terrestrial]**
- Fontaneto D**, De Smet WH, Melone G (2008) Identification key to the genera of marine rotifers worldwide. *Meiofauna Marina* 16: 75–99. **[KW: Rotifera, marine]**
- Fontaneto D**, De Smet WH (2015) Rotifera. Chapter 4. In: Schmidt-Rhaesa A (ed) *Handbook of Zoology, Gastrotricha, Cycloneuralia and Gnathifera*. Volume 3, Gastrotricha and Gnathifera. De Gruyter GmbH, Berlin: 217–300. **[KW: Rotifera, freshwater]**

- Fontaneto D**, Giordani I, Melone G, Serra M (2007) Disentangling the morphological stasis in two rotifer species of the *Brachionus plicatilis* species complex. *Hydrobiologia* 583: 297–307. [KW: Rotifera, marine]
- Fontaneto D**, Herniou EA, Barraclough TG, Ricci C, Melone G (2007) On the reality and recognisability of asexual organisms: morphological analysis of the masticatory apparatus of bdelloid rotifers. *Zoologica Scripta* 36: 361–370. [KW: Rotifera, freshwater]
- Fontaneto D**, Melone G (2003) Bdelloid rotifers from lakes above 1700 m in Western Italian Alps, with taxonomic notes on *Dissotrocha macrostyla*. *International Review of Hydrobiology* 88: 594–601. [KW: Rotifera, freshwater]
- Fontaneto D**, Melone G (2003) Redescription of *Pleuretra hystrix*, an endemic alpine bdelloid rotifer. *Hydrobiologia* 497: 153–160. [KW: Rotifera, freshwater]
- Fontaneto D**, Ricci C (2004) Rotifera: Bdelloidea. In: Yule CM, Yong HS (eds) *Freshwater invertebrates of the Malaysian Region*. Kuala Lumpur, Academy of Sciences Malaysia: 121–126. [KW: Rotifera, freshwater]
- Fontaneto D**, Segers H, Melone G (2004) Epizoic rotifers in the gill chamber of *Potamon fluviatile* (Herbst, 1785). *Journal of Natural History* 38: 1225–1232. [KW: Rotifera, freshwater]
- Fontaneto D**, Segers H, Melone G (2008) Marine rotifers from the Northern Adriatic Sea, with description of *Lecane insulaconae* n. sp. *Journal of the Marine Biological Association of the United Kingdom* 88: 253–259. [KW: Rotifera, marine]
- Forli M, Dell'Angelo B, Ciappelli F, **Taviani M** (2002) A new species of Haliotidae (Mollusca, Vetigastropoda) in the Italian Pliocene. *Bollettino Malacologico* 38(9–12): 149–154. [KW: Mollusca (Gastropoda), paleo, marine]
- Forli M, Dell'Angelo B, **Montagna P**, **Taviani M** (2004) A new large *Patella* (Mollusca: Archaeogastropoda) in the Pliocene of the Mediterranean Basin. *Bollettino Malacologico* 40(1–4): 1–9. [KW: Mollusca (Gastropoda), paleo, marine]
- Frogliia C** (1978) Decapodi (Crustacea Decapoda). *Guide per il riconoscimento delle specie animali delle acque interne italiane* 4: 41 pp. [KW: Crustacea (Decapoda), freshwater]
- Frogliia C** (1978) The identity of *Macrophthalmus franchettii* Maccagno, 1936 (Decapoda, Ocypodidae). *Crustaceana* 34(2): 222–224. [KW: Crustacea (Decapoda), marine]
- Frogliia C** (1987) Redescription of *Uroptychus ensirostris* Parisi, 1917 (Decapoda, Anomura, Chirostylidae). *Crustaceana* 53(2): 148–151. [KW: Crustacea (Decapoda), marine]
- Frogliia C**, Clark PF (2011) The forgotten Narrative of H.M.S. Challenger and the implications for decapod nomenclature. *Zootaxa* 2788: 45–56. [KW: Crustacea (Decapoda), marine]
- Frogliia C**, Gramitto ME (2000) A new pelagic shrimp of the genus *Sergia* (Decapoda, Sergestidae) from the Atlantic Ocean. *Journal of Crustacean Biology* 20(Special 2): 71–77. [KW: Crustacea (Decapoda), marine]
- Frogliia C**, Grippa GB (1986) A Catalogue of the types kept in the collections of Museo civico di Storia Naturale di Milano. VIII. Types of Decapod Crustacea (annotated catalog). *Atti Societa' Italiana di Scienze Naturali e Museo civico di Storia naturale Milano* 127(3/4): 253–283. [KW: Crustacea (Decapoda), marine, freshwater]
- Frogliia C**, Manning RB (1978) *Brachynotus gemmellari* (Rizza, 1839), the third Mediterranean species of the genus (Crustacea, Decapoda, Brachyura). *Proceeding*

- of *Biological Society Washington* 91(3): 691–705. [KW: Crustacea (Decapoda), marine]
- Frogli C**, Manning RB (1982) Notes on *Liocarcinus pusillus* (Leach) and related species. *Quaderni Laboratorio Tecnologia Pesca* 3(2–5): 257–266. [KW: Crustacea (Decapoda), marine]
- Frogli C**, Manning RB (1986) Notes on the species of *Allosquilla* and *Platysquilloides* (Crustacea: Stomatopoda). *Proceeding of Biological Society Washington* 99(2): 261–265. [KW: Crustacea (Stomatopoda), marine]
- Frogli C**, Manning RB (1989) Checklist and key to adult mediterranean stomatopod Crustacea. In: Ferrero EA (ed) *Biology of Stomatopods. Selected Symposia and Monographs UZI*, Mucchi, Modena 3: 265–273. [KW: Crustacea (Stomatopoda), marine]
- Garthwaite RL, **Taiti S** (1989) *Platyarthrus aiasensis* Legrand (Isopoda: Oniscidea: Platyarthridae) in the Americas. *Bulletin of the southern California Academy of Sciences* 88: 42–43. [KW: Crustacea (Isopoda), terrestrial]
- Ghlala A, Della Valle D, **Messana G** (2009) First record of the genus *Typhlocirolana* Racovitza, 1905 (Isopoda: Cirolanidae) from Tunisia and description of a new species from the National park of Ichkeul. *Zootaxa* 2176: 57–64. [KW: Crustacea (Isopoda), freshwater]
- Giacobbe MG** (1995) Morphological observations on *Dinophysis* species (Dinophyceae) from Mediterranean coastal waters. *Cryptogamie, Algologie* 16(4): 233–245. [KW: Myzozoa (Dinophyceae), marine, transitional waters]
- Giovannelli D**, Chung M, Staley J, Starovoytov V, Vetriani C (2016) *Sulfurovum rifitae* sp. nov., a mesophilic, nitrate-reducing, chemosynthetic, thiosulfate-oxidizing bacterium isolated from the tube of the vestimentiferan worm *Riftia pachyptila*. *International Journal of Systematic and Evolutionary Microbiology* 66: 2697–2701. doi: 10.1099/ijsem.0.001106 [KW: Proteobacteria (Campylobacterales), marine]
- Giovannelli D**, Starovoytov V, Manini E, Yakimov M, Vetriani C (2012) *Galenea microaerophila* gen. nov., sp. nov., a mesophilic, microaerophilic, chemosynthetic, thiosulfate-oxidizing bacterium isolated from a shallow hydrothermal vent. *International Journal of Systematic and Evolutionary Microbiology* 62(12): 3060–3066. [KW: Proteobacteria (Thiotrichales), marine]
- Gippoliti S, **Amori G** (2011) A new species of mole-rat (Rodentia, Bathyergidae) from the Horn of Africa. *Zootaxa* 2918: 39–46. [KW: Vertebrata (Mammalia), terrestrial]
- Golyshina OV, Pivovarova TA, Karavaiko GI, Kondratéva TF, Moore ER, Abraham WR, Lünsdorf H, Timmis KN, **Yakimov MM**, Golyshin PN (2000) *Ferroplasma acidiphilum* gen. nov., sp. nov., an acidophilic, autotrophic, ferrous-iron-oxidizing, cell-wall-lacking, mesophilic member of the Ferroplasmaceae fam. nov., comprising a distinct lineage of the Archaea. *International journal of systematic and evolutionary microbiology* 50(3): 997–1006. [KW: Euryarchaeota, marine]
- Golyshina OV, **Yakimov MM**, Lünsdorf H, Ferrer M, Nimtz M, Timmis KN, Wray V, Tindall BJ, Golyshin PN (2009) *Acidiplasma aeolicum* gen. nov., sp. nov., a euryarchaeon of the family Ferroplasmaceae isolated from a hydrothermal pool, and transfer of *Ferroplasma cupricumulans* to *Acidiplasma cupricumulans* comb. nov. *International journal of systematic and evolutionary microbiology* 59(11): 2815–2823. [KW: Euryarchaeota, marine]

- Golyshin PN, Chernikova TN, Abraham WR, Lünsdorf H, Timmis KN, **Yakimov MM** (2002) Oleiphilaceae fam. nov., to include *Oleiphilus messinensis* gen. nov., sp. nov., a novel marine bacterium that obligately utilizes hydrocarbons. *International Journal of Systematic and Evolutionary Microbiology* 52(3): 901–911. **[KW: Proteobacteria, freshwater]**
- Golyshin PN, Harayama S, Timmis KN, **Yakimov MM** (2007) Family II. Alcanivoraceae fam. nov. In: Brenner DJ, Krieg NR, Staley JR (eds) *Bergey's Manual® of Systematic Bacteriology*. Vol 2: The Proteobacteria, Part B: The Gammaproteobacteria, Springer Science & Business Media, pp. 295. **[KW: Proteobacteria, marine]**
- Gongalsky KB, **Taiti S** (2014) A new cavernicolous species of *Typhloligidium* Verhoeff, 1918 (Isopoda: Oniscidea: Ligiidae) from the Caucasus. *Arthropoda Selecta* 23: 51–56. **[KW: Crustacea (Isopoda), terrestrial]**
- Granjon L, **Colangelo P**, Tatar C, Colyn M, Dobigny G, Nicolas V (2012) Intrageneric relationships and description of a new West African species in *Gerbilliscus* (Rodentia, Muridae, Gerbillinae). *Zootaxa* 3325: 1–25. **[KW: Vertebrata (Mammalia), terrestrial]**
- Gravili C, De Vito D, Di Camillo CG, L Martell, S Piraino, **F Boero** (2015) The non-Siphonophoran Hydrozoa (Cnidaria) of Salento, Italy with notes on their life-cycles: an illustrated guide. *Zootaxa* 3908(1): 001–187. <http://dx.doi.org/10.11646/zootaxa.3908.1.1> **[KW: Cnidaria (Hydrozoa), marine]**
- Green JA, Ferrara F, **Taiti S** (1990) Terrestrial Isopoda from the Krakatau Islands, South Sumatra and West Java. *Memoirs of Museum Victoria* 50: 417–436. **[KW: Crustacea (Isopoda), terrestrial]**
- Guidastri R, Melone G, **Taviani M** (1984) Systematic position of “*Trochus*” *wiseri* Calcara (Prosobranchia: Trochidae). *Archiv für Molluskenkunde* 114(4–6): 125–136. **[KW: Mollusca (Gastropoda), marine]**
- Janssen R, **Taviani M** (2014) Taxonomic, ecological and historical considerations on the deep–water benthic mollusc fauna of the Red Sea. In: Rasul NMA, Stewart ICF (eds) *The Red Sea*, Springer–Verlag Berlin Heidelberg: pp. 511–528. **[KW: Mollusca (Bivalvia, Gastropoda), marine]**
- Judd S, **Taiti S** (2011) Preliminary taxonomy and biogeography of the subfamily Buddelundiinae Vandel (Armadillidae) in Western Australia. In: Zidar P, Štrus J (eds) *Proceedings of the 8th International Symposium of Terrestrial Isopod Biology* ISTIB University of Ljubljana, Biotechnical Faculty, Department of Biology, pp. 33–34. **[KW: Crustacea (Isopoda), terrestrial]**
- Khemiri H, **Colangelo P**, Chétoui M, Nouria S (2016) Skull size and shape variation in *Psammomys* spp. (Rodentia, Gerbillinae) from Tunisia, with emphasis on the impact of allometric variation on species recognition. *African Zoology* (in press) **[KW: Vertebrata (Mammalia), terrestrial]**
- Kiel S, **Taviani M** (2017) Chemosymbiotic bivalves from Miocene methane–seep carbonates in Italy. *Journal of Paleontology* (in press) **[KW: Mollusca (Bivalvia), paleo, marine]**
- Koenemann S, Bloechl A, **Martínez A**, Iliffe TM, Hoenemann M, Oromí P (2009) A new, disjunct species of *Speleonectes* (Remipedia, Crustacea) from the Canary Islands. *Marine Biodiversity* 39(3): 215–225. DOI:10.1007/s12526-009-0021-8. **[KW: Crustacea (Remipedia), marine]**

- Kwon DH, Ferrara F, **Taiti S** (1992) Two new species of *Laureola* Barnard, 1960 from India and Vietnam (Crustacea, Oniscidea, Armadillidae). *Revue Suisse de Zoologie* 99 (3): 645–653. [KW: **Crustacea (Isopoda), terrestrial**]
- Kwon DH, **Taiti S** (1993) Terrestrial Isopoda (Crustacea) from southern China, Macao and Hong Kong. *Stuttgarter Beiträge zur Naturkunde (A)*490: 1–83. [KW: **Crustacea (Isopoda), terrestrial**]
- La Mesa M, **Vacchi M**, Iwami T, Eastman JT (2002) Taxonomic studies of the icefish genus *Cryodraco* Dollo, 1900 (Notothenioidae: Channichthyidae). *Polar Biology* 25(4): 384–390. [KW: **Vertebrata (Perciformes), marine**]
- Lanza B, Chelazzi L, **Messana G** (1970) *Stenasellus costai* sp. n., isopode freatobio gigante della Somalia. *Monitore Zoologico Italiano* S3: 133–158. [KW: **Crustacea (Isopoda), freshwater**]
- La Perna R, **Ceregato A**, Tabanelli C (2004) Mediterranean Pliocene protobranchs: the genera *Jupiteria* Bellardi, 1877, *Ledella* Verrill & Bush, 1897 and *Zealeda* Marwick, 1924 (Mollusca, Bivalvia). *Bollettino Malacologico* 40(1–4): 25–36. [KW: **Mollusca (Bivalvia, Nuculanida), marine**]
- Lehtinen PT, **Taiti S**, Ferrara F, Green AJA (1994) *Styloniscus* Dana, 1853 (Crustacea, Isopoda): proposed designation of *S. magellanicus* Dana, 1853 as the type species. (Case 2912). *Bulletin of zoological Nomenclature* 51: 1. [KW: **Crustacea (Isopoda), terrestrial**]
- Lehtinen PT, **Taiti S**, Ferrara F (1995) Case 2910. *Cubaris murina* Brandt, 1833 (Crustacea, Isopoda): proposed conservation of both the generic and specific names. *Bulletin of zoological Nomenclature* 52: 153–156. [KW: **Crustacea (Isopoda), terrestrial**]
- Lehtinen PT, **Taiti S**, Ferrara F (1998) Case 2911. *Spherillo* Dana, 1852 (Crustacea, Isopoda): proposed designation of *S. vitiensis* Dana, 1853 as the type species, with designation of a neotype. *Bulletin of zoological Nomenclature* 55: 217–219. [KW: **Crustacea (Isopoda), terrestrial**]
- Le Renard J, Sabelli B, **Taviani M** (1996) On *Candinia* (Sacoglossa: Juliidae), a new fossil genus of bivalved gastropods. *Journal of Paleontology* 70(2): 230–235. [KW: **Mollusca (Gastropoda), paleo, marine**]
- Loeffler SB, Janssen R, Gurs KR, **Taviani M** (2005) The genus *Axinus* Sowerby, 1821 in the Mediterranean Basin (Bivalvia: Thyasiridae). *Journal of Conchology* 38(5): 581–598. [KW: **Mollusca (Bivalvia), marine**]
- Loru L, Pantaleoni RA, Sassu A** (2007) Overwintering stages of *Sisyra iridipennis* A. Costa, 1884 (*Neuroptera Sisyridae*). In: Pantaleoni RA, Letardi A, Corazza C (eds) Proceedings of the IX International Symposium on Neuropterology, Ferrara 20–23 June 2005. *Annali del Museo civico di Storia naturale di Ferrara* 8: 153–159. [KW: **Hexapoda (Neuroptera), freshwater**]
- Lucentini L, Caldelli A, Gigliarelli L, Giannetto D, Pompei L, Natali M, Paracucchi R, Sala P, **Volta P**, Lorenzoni M, **Fontaneto D** (2014) Integrative taxonomy does not support the occurrence of two species of the *Squalius squalus* complex (Actinopterygii: Cypriniformes: Cyprinidae) in Italy. *Biochemical Systematics and Ecology* 56: 281–288. [KW: **Vertebrata (Actinopterygii), freshwater**]
- Lucentini L, Puletti ME, Ricciolini C, Gigliarelli L, **Fontaneto D**, Lanfaloni L, Biló F, Natali M, Panara F (2011) Molecular and phenotypic evidence of a new species of the genus *Esox* (Esocidae, Esociformes, Actinopterygii): the Southern Pike, *Esox flaviae*. *PLoS ONE* 6(12): e25218. [KW: **Vertebrata (Actinopterygii), freshwater**]

- Mahi A, Taleb A, Belaidi N, Messana G (2017) *Typhlocirolana longimera* sp. n. (Crustacea, Isopoda, Cirolanidae) from north-western Algerian ground waters with notes on Algerian *Typhlocirolana*. *Subterranean Biology* 22: 27–41. [KW: Crustacea (Isopoda), freshwater]
- Manca M, Martin P, Peñalva-Arana DC, Benzie JAH (2006) Re-description of *Daphnia* (*Ctenodaphnia*) from lakes in the Khumbu Region, Nepalese Himalayas, with the erection of a new species, *Daphnia himalaya*, and a note on an intersex individual. *Journal of Limnology* 65: 132–140. [KW: Crustacea (Diplostraca), freshwater]
- Manicastro C, Taiti S (1983) *Lepinisticus vignai*, a new genus and species of the family Cylisticidae (Crustacea, Oniscoidea). *Revue Suisse de Zoologie* 90: 417–423. [KW: Crustacea (Isopoda), terrestrial]
- Manicastro C, Taiti S (1987) Terrestrial Isopods from Sri Lanka, III: Philosciidae (Crustacea, Oniscoidea): part 1. *Revue Suisse de Zoologie* 94: 17–34. [KW: Crustacea (Isopoda), terrestrial]
- Manicastro C, Taiti S (1991) A new species of *Exalloniscus* Stebbing, 1911 from Sumatra (Crustacea, Isopoda, Oniscoidea). *Treubia* 30: 185–190. [KW: Crustacea (Isopoda), terrestrial]
- Manicastro C, Taiti S (1994) Gli Isopodi terrestri dell'Appennino umbro-marchigiano (Crustacea, Oniscoidea). *Lavori della Società italiana di Biogeografia* 17(1993): 125–150. [KW: Crustacea (Isopoda), terrestrial]
- Manning RB, Froggia C (1979) Description of a new *Allosquilla* with notes on other Adriatic Stomatopod Crustacea. *Quaderni Laboratorio Tecnologia Pesca* 2(4): 177–190. [KW: Crustacea (Stomatopoda), marine]
- Martínez A, Di Domenico M, Rouse GW, Worsaae K (2015) Phylogeny and systematics of Protodrilidae (Annelida) inferred with total evidence analyses. *Cladistics* 31(3):250–276. DOI:10.1111/cla.12089 [KW: Annelida (Polychaeta), marine]
- Martínez A, Di Domenico M, Jörger K, Norenburg J, Worsaae K (2013) Description of three new species of *Protodrilus* (Annelida, Protodrilidae) from Central America. *Marine Biology Research* 9(7): 676–691. DOI:10.1080/17451000.2013.765574. [KW: Annelida (Polychaeta), marine]
- Martínez A, Di Domenico M, Worsaae K (2013) Evolution of cave *Axiokebuita* and *Speleobregma* (Scalibregmatidae, Annelida). *Zoologica Scripta* 42(6): 623–636. DOI:10.1111/zsc.12024 [KW: Annelida (Polychaeta), marine]
- Martínez A, Kvindebjerg K, Iliffe TM, Worsaae K (2016) Evolution of cave suspension feeding in Protodrilidae. *Zoologica Scripta* (in press) doi: 10.1111/zsc.12198 [KW: Annelida (Polychaeta), marine]
- Melone G, Taviani M (1980) Un nuovo Architectonicidae Mediterraneo: *Architectonica bannocki*. *Bollettino Malacologico* 16(3–4): 97–102. [KW: Mollusca (Gastropoda), marine]
- Melone G, Taviani M (1984) Revisione delle Architectonicidae del Mediterraneo. *Lavori Società Italiana di Malacologia* 21: 149–192. [KW: Mollusca (Gastropoda), marine]
- Melone G, Taviani M (1986) Neogene to Recent supraspecific history of the Mediterranean Architectonicidae. *Proceedings of the Eighth International Malacological Congress* (Budapest, Hungary) 28th August–4th September, 1983, Hungarian Natural History Museum: 271. [KW: Mollusca (Gastropoda), marine]

- Messana G** (1988) Researches on the coast of Somalia. *Pseudocerceis seleneides* n. sp. a new marine isopod (Isopoda Dynameninae) from the Somalian coast. *Crustaceana* 55: 306–312. [KW: **Crustacea (Isopoda), marine**]
- Messana G** (1990) Researches on the coast of Somalia. On some Dynameninae (Crustacea, Isopoda, Sphaeromatidae) from the coast south of Mogadishu. *Tropical Zoology* 3: 243–253. [KW: **Crustacea (Isopoda), marine**]
- Messana G** (1993) A new *Stenasellus* (Crustacea, Isopoda, Stenasellidae), from the Eastern Province of Kenya and notes on Kenyan Stenasellidae. *Tropical Zoology* 6(2): 441–449. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G** (1999) *Stenasellus simonsi* n. sp. (Crustacea, Asellota, Stenasellidae), from the limestone outcrop of the Kenyan coast. *Tropical Zoology* 12: 1–8. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G**, Argano R, Baldari F (1978) *Microcerberus* (Crustacea Isopoda Microcerberidae) from the Indian Ocean. *Monitore Zoologico Italiano* S10: 69–7971. [KW: **Crustacea (Isopoda), marine**]
- Messana G**, Baratti M, Benvenuti D (2002) *Pongycarcinia xiphidiourus* n. gen. n.sp., a new Brazilian Calabozoidae (Crustacea Isopoda). *Tropical Zoology* 15 (2): 243–252. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G**, Caselli C (1995) Un nuovo *Proasellus* interstiziale del torrente Mugnone nei pressi di Firenze. *Proasellus faesolanus* n. sp. (Isopoda Asellota Asellidae). *Mémoires de Biospéologie* 22: 103–107. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G**, Chelazzi L, Lanza B (1974) *Stenasellus migiurtinicus* sp.n., isopode freatobio della Somalia settentrionale. *Monitore Zoologico Italiano* S5: 325–340. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G**, Chelazzi L (1984) *Haptolana somala* n.sp., a phreatobic cirolanid isopod (Crustacea) from the Nogal valley (Northern Somalia). *Monitore Zoologico Italiano* S19: 291–298. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G**, Ruffo S (2001) A new species of *Longigammarus* from the Pianosa Island (Tuscany Archipelago) (Crustacea Amphipoda, Gammaridae). *Italian Journal of Zoology* 68: 161–164. [KW: **Crustacea (Amphipoda), freshwater**]
- Messouli M, **Messana G**, Yacoubi-Khebiza M (2006) Three new species of *Pseudoniphargus* (Amphipoda), from the groundwaters of three Mediterranean islands, with notes on the *P. adriaticus*. *Subterranean Biology* 4: 79–101. [KW: **Crustacea (Amphipoda), freshwater**]
- Mills S, Alcántara-Rodríguez JA, Ciro-Pérez J, Gómez A, Hagiwara A, Hinson Galindo K, Jersabek C, Malekzadeh-Viayeh R, Leasi F, Lee J-S, Mark Welch DB, Papakostas S, Riss S, Segers H, Serra M, Shiel R, Smolak R, Snell TW, Stelzer C-P, Tang CQ, Wallace RL, **Fontaneto D**, Walsh EJ (2017) Fifteen species in one: deciphering the *Brachionus plicatilis* species complex (Rotifera, Monogononta) through DNA taxonomy. *Hydrobiologia* (in press) [KW: **Rotifera, marine**]
- Monserrat VJ, Acevedo F, **Pantaleoni RA** (2014) Nuevos datos sobre algunas especies de crisópodos de la Península Ibérica, islas Baleares e islas Canarias (*Insecta, Neuroptera, Chrysopidae*). *Graellsia* 70(1): e002 (38 p). [KW: **Hexapoda (Neuroptera), terrestrial**]
- Mortelliti A, Castiglia R, **Amori G**, Maryanto I, Musser GG (2012) A New Species of *Margaretamys* (Rodentia: Muridae: Murinae: Rattini) from Pegunungan Mekongga,

- Southeastern Sulawesi, Indonesia. *Tropical Zoology* 25: 1–34. [KW: **Vertebrata (Mammalia), terrestrial**]
- Núñez J, **Martínez A**, Brito MC (2009) A new species of *Sphaerosyllis* Claparède, 1863 (Polychaeta: Syllidae: Exogoninae) from the Atlantida Tunnel, Lanzarote, Canary Islands. *Marine Biodiversity* 39(3): 209–214. DOI:10.1007/s12526-009-0026-3 [KW: **Annelida (Polychaeta), marine**]
- Onore G, Badano D, **Pantaleoni RA** (2014) Heliographic signalling in *Haploglenius* Burmeister, 1839 (*Neuroptera Ascalaphidae*). *Biodiversity Journal* 5(1): 87–91. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (1991) Una singolare funzione della zampa protoracica in larve di Neurotteri Ascalafidi. In: *Atti XVI Congresso Nazionale Italiano di Entomologia*, Bari-Martina Franca (TA), 291–296. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (1999) Neuropterida described by A. Costa with type designation. *Mitteilungen aus dem Museum für Naturkunde in Berlin, Deutsche Entomologische Zeitschrift* 46: 249–261. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (2005) Interpretation of Achille Costa's data on *Neuropterida*. *Bulletin of Insectology* 58: 71–92. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (2010) Nomenclatural roots of *Neuropterida*: Linnaeus's era. In: Devetak D, Lipovšek S, Arnett AE (eds) *Proceedings of the Tenth International Symposium on Neuropterology*. Piran, Slovenia, 2008. Maribor, Slovenia. pp. 215–229. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Aspöck U, Cao OV, Aspöck H (2005) *Subilla principiae* n. sp, a new spectacular snakefly from Sardinia (*Raphidioptera Raphidiidae*). *Redia* 87: 3–6. [KW: **Hexapoda (Raphidioptera), terrestrial**]
- Pantaleoni RA**, Badano D (2012) *Myrmeleon punicanus* n. sp, a new pit-building antlion (*Neuroptera Myrmeleontidae*) from Sicily and Pantelleria. *Bulletin of Insectology*, 65(1): 139–148. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Cesaroni C, Nicoli Aldini R (2010) *Myrmeleon mariaemathildae* n. sp.: a new Mediterranean pit-building antlion (*Neuropterida Myrmeleontidae*). *Bulletin of Insectology* 63: 91–98. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Letardi A (2002) What is the real name of the Italian Ascalaphid? *Acta zoologica Academiae Scientiarum Hungaricae* 48(S2): 235–246. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Letardi A (2004) L'abate, il conte e l'entomologo, ovvero sulla natura dell'enigmatico *Lucanus minimus* De-Termeyer 1784. *Denisia* 13: 209–212. [KW: **Hexapoda (Coleoptera), terrestrial**]
- Pantaleoni RA**, Sechi P (2014) ¿Existe realmente *Chrysoperla carnea*? Historia de la investigación sobre el complejo *carnea*. In: González Hernández H, Rodríguez Leyva E, Lomelí Flores JR (eds) *Memorias XXV Curso Nacional de Control Biológico* 3–5 de Noviembre de 2014, Mérida, Yucatán. Colegio de Postgraduados. Montecillo, Texcoco, Edo. de México: 223–236. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantini P, Sassu A, **Serra G** (2013) Catalogue of the spiders (Arachnida Araneae) of Sardinia. *Biodiversity Journal* 4: 3–104. [KW: **Chelicerata (Araneae), terrestrial**]
- Parapar J, Alós C, Núñez J, Moreira J, López E, Aguirrezabalaga F, Besteiro C, **Martínez A** (2012) Annelida, Polychaeta. III. *Fauna Ibérica* vol. 36. Ministerio de Medio Ambiente, España. [KW: **Annelida (Polychaeta), marine**]

- Peña Cantero AL, **Boero F**, Piraino S (2013) Shallow-water benthic hydroids from Tethys Bay (Terra Nova Bay, Ross Sea, Antarctica). *Polar Biology* 36: 731–753. [KW: **Cnidaria (Hydrozoa), marine, Species List**]
- Petersen CH, Gonzalez BC, **Martínez A**, Worsaae K (2016) New species of *Pisionidens* (Sigalionidae, Annelida) from Akumal, México. *Zootaxa* 4136(1): 165–173. [KW: **Annelida (Polychaeta), marine**]
- Piraino S, Aglieri G, Martell L, Mazzoldi C, Melli V, Milisenda G, Scorrano S, **Boero F** (2014) *Pelagia benovici* sp. nov. (Cnidaria, Scyphozoa): a new jellyfish in the Mediterranean Sea. *Zootaxa* 3794(3): 455–468. [KW: **Cnidaria (Scyphozoa), marine**]
- Piras P, **Colangelo P**, Adams DC, Buscalioni A, Cubo J, Kotsakis T, Meloro C, Raia P (2010) The *Gavialis-Tomistoma* debate: the contribution of skull ontogenetic allometry and growth trajectories to the study of crocodylian relationships. *Evolution & Development* 12: 568–579. [KW: **Vertebrata (Reptilia), freshwater**]
- Raffi S, **Taviani M** (1985) *Sansonia italica* n. sp.: first evidence of *Sansonia* Jousseaume 1892 from the Mediterranean Pliocene. *Archiv für Molluskenkunde International Journal of Malacology* 115(4–6): 279–286. [KW: **Mollusca (Gastropoda), paleo, marine**]
- Reboleira ASP, Gonçalves F, Oromí P, **Taiti S** (2015) The cavernicolous Oniscidea (Crustacea: Isopoda) of Portugal. *European Journal of Taxonomy* 161: 1–62. [KW: **Crustacea (Isopoda), terrestrial**]
- Ricci C, Shiel RJ, **Fontaneto D**, Melone G (2003) Bdelloid rotifers recorded from Australia with description of *Philodinavus aussiensis* n.sp. *Zoologischer Anzeiger* 242: 241–248. [KW: **Rotifera, freshwater**]
- Rossaro B, **Boggero A**, Buzzi F, Agostinelli C, Nastasi F (2012) Description of the larva of *Protanypus* sp. A (Diptera, Chironomidae) from the Italian Alps. *Journal of Entomological and Acarological Research* 44(e6): 28–31. [KW: **Hexapoda (Diptera), freshwater**]
- Rossaro B, Zaupa S, **Boggero A** (2015) *Pseudosmittia fabioi* Boggero, Zaupa & Rossaro, 2014 (Diptera: Chironomidae: Orthoclaadiinae) a new junior synonym of *Prosmittia verae* Krasheninnikov & Makarchenko, 2008. *Journal of Entomological and Acarological Research* 47: 62–64. [KW: **Hexapoda (Diptera), freshwater**]
- Rubio F, Rolán E, Worsaae K, **Martínez A**, Gonzalez BC (2015) Description of the first anchialine gastropod from a Yucatán cenote, *Teinostoma brankovitsi* n. sp. (Caenogastropoda: Tornidae), including an emended generic diagnosis. *Journal of Molluscan Studies* 82: 169–177. DOI:10.1093/mollus/eyv049 [KW: **Mollusca (Gastropoda), marine**]
- Sabelli B, **Taviani M**, Tommasini S (1979) Rediscovery of the Holotype of *Cymatium* (*Cymatium*) *ranzanii* (Bianconi, 1850) (Gastropoda: Prosobranchia). *Veliger* 22(2): 210–211. [KW: **Mollusca (Gastropoda), marine**]
- Sabelli B, **Taviani M** (1979) I Polyplacophora del Pleistocene inferiore del T. Stirone (Preappennino Parmense, Italia). *Bollettino della Società Paleontologica Italiana* 18: 157–161. [KW: **Mollusca (Polyplacophora), paleo, marine**]
- Sabelli B, **Taviani M** (1982) Origine et distribution du genre *Sansonia* (Gastropoda, Prosobranchia). *Malacologia* 22(1–2): 545–546. [KW: **Mollusca (Gastropoda), marine**]

- Sabelli B, **Taviani M** (1997) *Iphitus robertsi* (Epitoniidae: Nystiellinae), a new species of deep-sea gastropod from the Gulf of Mexico. *The Nautilus* 110(3): 94–96. [KW: **Mollusca (Gastropoda), marine**]
- Sánchez N, Yamasaki H, Pardos F, Sørensen MV, **Martínez A** (2016) Morphology disentangles the systematics of a ubiquitous but elusive meiofaunal group (Kinorhyncha: Pycnophyidae). *Cladistics* 32: 479–505. doi: 10.1111/cla.12143 [KW: **Kinorhyncha, marine**]
- Scarponi D, **Ceregato A**, Della Bella G, Tucker JK (2011) *Pleurotoma scabriuscula* Brugnone, 1862 (currently *Mangelia scabriuscula*; Mollusca, Gastropoda, Conoidea): proposed conservation. *Bulletin of Zoological Nomenclature* 68(3): Case 3558, 4 pp. [KW: **Mollusca (Gastropoda, Neogastropoda), marine**]
- Scarponi D, Della Bella G, **Ceregato A** (2011) The genus *Haedropleura* (Neogastropoda, Toxoglossa=Conoidea) in the Plio–Quaternary of the Mediterranean basin. *Zootaxa* 2796: 37–55. [KW: **Mollusca (Gastropoda, Neogastropoda), paleo, marine**]
- Scarponi D, Della Bella G (2004) Molluschi del Pliocene dell’Emilia Romagna e della Toscana – Conoidea I. Drilliidae e Turridae. **Ceregato A**, Raffi S (eds) Regione Emilia Romagna, Sistema Museale d’Ateneo, Museo Geologico Giovanni Capellini, Università di Bologna. 89 pp. [KW: **Mollusca (Gastropoda, Neogastropoda), paleo, marine**]
- Scarponi D, Della Bella G (2007) Molluschi del Pliocene dell’Emilia Romagna e della Toscana – Conoidea II. **Ceregato A**, Raffi S (eds) Regione Emilia Romagna, Sistema Museale d’Ateneo, Museo Geologico Giovanni Capellini, Università di Bologna. 94 pp. [KW: **Mollusca (Gastropoda, Neogastropoda), paleo, marine**]
- Schmidt-Rhaesa A, Rothe BH, **Martínez A** (2013) *Tubiluchus lemburgi*, a new species of meiobenthic Priapulida. *Zoologischer Anzeiger* 253: 158–163. DOI:10.1016/j.jcz.2013.08.004. [KW: **Priapulida, marine**]
- Scorrano S, Aglieri G, **Boero F**, Dawson MN, Piraino S (2016) Unmasking *Aurelia* species in the Mediterranean Sea: an integrative morphometric and molecular approach. *Zoological Journal of the Linnean Society* (in press) <http://dx.doi.org/10.1111/zoj.12494> [KW: **Cnidaria (Semaestomeae), marine**]
- Segers H, De Smet WH, Fisher C, **Fontaneto D**, Michaloudi E, Wallace RL, Jersabek CD (2012) Towards a list of available names in zoology, partim Phylum Rotifera. *Zootaxa* 3179: 61–68. [KW: **Rotifera, freshwater**]
- Segers H, De Smet WH, **Fontaneto D**, Hinz C, Hussey C, Michaloudi E, Wallace RL, Jersabek CD (2015) Period of public commentary begins on the revised proposal of species-group level names, and on the proposal of genus-group level names of the Candidate Part of List of Available Names (LAN) in the phylum Rotifera. *European Journal of Taxonomy* 165: 1–3. [KW: **Rotifera, freshwater**]
- Segers H, De Smet WH, **Fontaneto D**, Hinz C, Hussey C, Michaloudi E, Wallace RL, Jersabek CD (2016) Period of public commentary begins on the revised proposal of species-group level names, and on the proposal of genus-group level names of the Candidate Part of List of Available Names (LAN) in the phylum Rotifera. *Zootaxa* 4066: 81–82. [KW: **Rotifera, freshwater**]
- Sfenthourakis S, **Taiti S** (2015) Patterns of taxonomic diversity among terrestrial isopods. In: Taiti S, Hornung E, Štrus L, Buchon D (eds) Trends in Terrestrial Isopod Biology. *ZooKeys* 515: 13–25. DOI: 10.3897/zookeys.515.9332. [KW: **Crustacea (Isopoda), terrestrial**]

- Sorokin DY, Kublanov IV, **Yakimov MM**, Rijpstra WI, Sinninghe Damsté JS (2016) *Halanaeroarchaeum sulfurireducens* gen. nov., sp. nov., the first obligately anaerobic sulfur-respiring haloarchaeon, isolated from a hypersaline lake. *International Journal of Systematic and Evolutionary Microbiology* 66: 2377–2381. doi: 10.1099/ijsem.0.001041 [KW: **Euryarchaeota (Halobacteriales), marine**]
- Suarez-Morales E, **Riccardi N** (1997) Redescription and first record of *Cymbasoma tenue* (Isaac, 1974) (Copepods: Monstrilloida) in the Mediterranean. *Proceedings of the Biological Society of Washington* 110: 99–106. [KW: **Crustacea (Copepoda), freshwater**]
- Taiti S** (1999) Terrestrial isopods from Midway Atoll (Crustacea: Oniscidea). *Bishop Museum Occasional Papers* 59: 37–38. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S** (2008) 4. Isopodi. In: Latella L, Gobbi M (eds) *La fauna del suolo: tassonomia, ecologia e metodi di studio dei principali gruppi di invertebrati terrestri italiani. Quaderni del Museo Tridentino di Scienze Naturali* 3: 48–73. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S** (2014a) New subterranean Armadillidae (Crustacea, Isopoda, Oniscidea) from Western Australia. *Tropical Zoology* 27(4): 153–165. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S** (2014b) The terrestrial Isopoda (Crustacea, Oniscidea) of the Maldives. *Tropical Zoology* 27: 9–33. DOI 10.1080/03946975.(2014)894397 [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Allspach A, Ferrara F (1995) A new family placement for the genus *Colomboscia* Vandel, 1972, with a description of a new species (Crustacea, Oniscidea, Scleropactidae). *Studies on Neotropical Fauna and Environment* 30: 91–100. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Argano R (2009) New species of terrestrial isopods (Isopoda: Oniscidea) from Sardinia. In: Cerretti P, Mason F, Minelli A, Nardi G, Whitmore D (eds) *Research on the terrestrial arthropods of Sardinia (Italy)*. *Zootaxa* 2318: 38–55. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Argano R (2011) Oniscidea di Sardegna (Crustacea, Isopoda). In: Nardi G, Whitmore D, Bardiani M, Birtele D, Mason F, Spada L, Cerretti P (eds) *Biodiversity of Marganai and Montimannu (Sardinia). Research in the framework of the ICP Forests network*. *Conservazione Habitat Invertebrati* 5: 163–222. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Arnedo MA, Lew SE, Roderick GK (2003) Evolution of terrestriality in Hawaiian species of the genus *Ligia* (Crustacea, Oniscidea). *Crustaceana Monographs* 2: 85–102. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Checcucci I (2009) New species and records of terrestrial Isopoda (Crustacea, Oniscidea) from Socotra Island, Yemen. In: Neubert E, Amr Z, Taiti S, Gümüs B (eds) *Animal Biodiversity in the Middle East. Proceedings of the First International Congress, 20–23 October 2008, Aqaba, Jordan*. *ZooKeys* 31: 73–103. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Checcucci I (2011) Order Isopoda, suborder Oniscidea. In: Van Harten A (ed) *Arthropod fauna of the UAE*, 4: 33–58. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Ferrara F, Allspach A (1997) On three species of *Periscyphis* Gerstaecker, 1873 from Kenya, Sudan and Oman (Crustacea: Isopoda: Oniscidea). *Bonner zoologische Beiträge* 47: 1–11. [KW: **Crustacea (Isopoda), terrestrial**]

- Taiti S**, Ferrara F, Davolos D (2000) The terrestrial Isopoda (Crustacea: Oniscidea) of Oman. *Fauna of Arabia* 18: 145–163. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F, Iliffe TM (1995) A new species of *Haloniscus* Chilton, 1920 from New Caledonia (Isopoda, Oniscidea). *Crustaceana* 68: 321–328. **[KW: Isopoda, terrestrial]**
- Taiti S**, Ferrara F, Kwon DH (1992) Terrestrial Isopoda (Crustacea) from the Togian Islands, Sulawesi, Indonesia. *Invertebrate Taxonomy* 6(3): 787–842. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F, Schmalzfuss H (1986) *Chileoniscus marmoratus* gen. et sp. n. from Chile (Oniscidea, Scleropactidae). *Annales historico-naturales Musei nationalis hungarici* 78: 63–69. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F, Schmalzfuss H (1991) Evolution and biogeography of the family Eubelidae (Crustacea, Oniscidea). In: Juchault P, Mocquard JP (eds) The Biology of terrestrial Isopods. III. *Proceedings of the Third International Symposium on the Biology of Terrestrial Isopods*, Poitiers (France), July 10–12, 1990, pp. 23–30. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1978) Re-description of *Didima humilis* Budde-Lund, 1908 (terrestrial Isopoda). *Monitore Zoologico Italiano* S10: 315–320. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1979) Il genere *Pseudodiploexochus* Arcangeli, 1934 (Armadillidae, Oniscoidea, Isopoda). *Revue de Zoologie africaine* 93: 151–184. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1980a) Nuovi studi sugli Isopodi terrestri dell'Arcipelago Toscano. *Redia* 63: 249–300. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1980b) The family Philosciidae (Crustacea Oniscoidea) in Africa, south of the Sahara. *Monitore Zoologico Italiano* S13: 53–98. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1981a) New and little known species of the genus *Microcercus* Budde-Lund, 1910 (Crustacea Oniscoidea). *Monitore Zoologico Italiano* S14: 113–129. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1981b) Su un nuovo genere di Isopodo terrestre dell'Africa Orientale (Eubelidae). *Revue de Zoologie africaine* 95: 210–215. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1982a) A new genus and two new species of terrestrial Isopoda (Eubelidae) from Somalia. *Monitore Zoologico Italiano* S16: 153–159. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1982b) Revision of the family Philosciidae (Crustacea, Isopoda, Oniscoidea) from South Africa. *Annals of the South African Museum* 90: 1–48. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1982c) Ricerche nell'Asia sudorientale. III. *Metastenoniscus osellai* nuovo genere e nuova specie di Isopodo terrestre (Stenoniscidae) dell'Isola di Bali. *Bollettino del Museo civico di Storia naturale di Verona* 8(1981): 443–452. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1983a) Su alcuni Isopodi terrestri della Réunion, di Mauritius e delle Seychelles. *Revue Suisse de Zoologie* 90: 199–231. **[KW: Crustacea (Isopoda), terrestrial]**

- Taiti S**, Ferrara F (1983b) Two new species of *Microcercus* Budde- Lund, 1910 (Crustacea, Isopoda, Oniscoidea) from Mozambique. *Annals of the Natal Museum* 25: 319–328. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1984) Isopodi terrestri delle Isole Comore (Crustacea, Oniscoidea). *Revue de Zoologie africaine* 98: 141–164. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1985) Biospeleology of Somalia. Two new species of terrestrial isopoda (Crustacea Oniscoidea) from Mugdile and Showli Berdi Caves. *Monitore Zoologico Italiano* S20: 341–349. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1986a) Ricerche nell'Asia Sudorientale. IX. Su due specie, una nuova, del genere *Exalloniscus* Stebbing, 1911 (Isopodi terrestri). *Bollettino del Museo civico di Storia naturale di Verona* 11 (1984): 237–246. **[KW: Isopoda, terrestrial]**
- Taiti S**, Ferrara F (1986b) Taxonomic revision of the genus *Littorophiloscia* Hatch, 1947 (Crustacea, Isopoda, Oniscoidea) with description of six new species. *Journal of Natural History* 20: 1347–1380. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1986c) Terrestrial isopods from the Oriental region. 1. The genus *Burmoniscus* Collinge, 1914 (Philosciidae). *Monitore Zoologico Italiano* S21: 185–195. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1987) Contributions to the knowledge of the mountain fauna of Malawi. 6. Terrestrial Isopods (Crustacea). *Revue de Zoologie africaine* 101(1): 69–102. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1988) Revision of the genus *Exalloniscus* Stebbing, 1911 (Crustacea, Isopoda, Oniscoidea). *Zoological Journal of the Linnean Society* 94: 339–377. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1989a) Biogeography and ecology of terrestrial isopods from Tuscany. *Monitore Zoologico Italiano Monografia* 4: 75–101. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1989b) New species and records of *Armadiilloniscus* Uljanin 1875 (Crustacea Isopoda Oniscoidea) from the coasts of the Indian and Pacific oceans. *Tropical Zoology* 2: 59–88. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1989c) Terrestrial isopods of Saudi Arabia (Part 2). *Fauna of Saudi Arabia* 10: 78–86. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1991a) New species and records of terrestrial isopods (Crustacea) from the Arabian Peninsula. *Fauna of Saudi Arabia* 12: 209–224. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1991b) Terrestrial Isopods (Crustacea) from the Hawaiian Islands. *Bishop Museum Occasional Papers* 31: 202–227. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1991c) Two new species of terrestrial Isopoda (Crustacea, Oniscoidea) from Ascension Island. *Journal of Natural History* 25: 901–916. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1995a) Isopodi terrestri (Crustacea, Oniscoidea) delle grotte della Toscana (Italia centrale). *Mémoires de Biospéologie* 22: 169–196. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (1995b) Su una nuova specie di *Nesiotoniscus* (Crustacea, Isopoda, Oniscoidea) dell'Isola di Capraia (Arcipelago Toscano) con considerazioni sul genere. *Bollettino del Museo regionale di Scienze naturali, Torino* 13: 313–321. **[KW: Crustacea (Isopoda), terrestrial]**

- Taiti S**, Ferrara F (1996) The terrestrial Isopoda of Corsica (Crustacea, Oniscidea). *Bulletin du Muséum national d'Histoire naturelle, Paris* (4)18(A): 459–545. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Ferrara F (2004) The terrestrial Isopoda (Crustacea: Oniscidea) of the Socotra Archipelago. *Fauna of Arabia* 20: 211–325. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Gruber GA (2008) Cave-dwelling terrestrial isopods from southern China (Crustacea, Isopoda, Oniscidea), with descriptions of four new species. In: Latella L, Zorzin R (eds) Research in South China karst. *Memorie del Museo civico di Storia naturale di Verona, 2. ser., Monografie Naturalistiche* 3: 101–123. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Gruber GA (2010) The genus *Tuberillo* Schultz 1982 (Crustacea Oniscidea Armadillidae) with descriptions of four new species. *Tropical Zoology* 23: 205–230. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Harding PT (1985) A re-examination of the W.E. Collinge collection of South African terrestrial Isopoda at the Yorkshire Museum, York, Great Britain. *Crustaceana* 48: 195–199. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Howarth FG (1996) Terrestrial isopods from the Hawaiian Islands (Isopoda: Oniscidea). *Bishop Museum Occasional Papers* 45: 59–71. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Howarth FG (1997) Terrestrial isopods (Crustacea, Oniscidea) from Hawaiian caves. *Mémoires de Biospéologie* 24: 97–118. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Humphreys WF (2001) New aquatic Oniscidea (Crustacea, Isopoda) from groundwater calcretes of Western Australia. *Records of the Western Australian Museum* S64: 133–151. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Lopez H (2008) New records and species of Halophilosciidae (Crustacea, Isopoda, Oniscidea) from the Canary Islands (Spain). In: Zimmer M, Charfi Cheikhrouha F, Taiti S (eds) *Proceedings of the International Symposium of Terrestrial Isopod Biology – ISTIB-07*. Shaker-Verlag, Aachen, pp. 43–58. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Manicasteri C (1980) *Cylisticus aprutianus*, nuova specie di Isopode terrestre dell'Abruzzo (Crustacea, Oniscoidea). *Fragmenta entomologica* 15: 253–258. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Manicasteri C (1985) Istituzione del genere *Tritracheoniscus* per *Nagurus cerrutii* Vandel, 1958 della Sardegna (Crustacea, Isopoda, Oniscidea). *Fragmenta entomologica* 18: 39–45. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Manicasteri C (1988) Terrestrial Isopods from Sri Lanka, IV: Philosciidae (Crustacea, Oniscidea): part 2. *Revue Suisse de Zoologie* 95(1): 51–86. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Paoli P, Ferrara F (1998) Morphology, biogeography, and ecology of the family Armadillidae (Crustacea, Oniscidea). *Israel Journal of Zoology* 44: 291–301. **[KW: Crustacea (Isopoda), terrestrial]**
- Taiti S**, Rossano C (2015) Terrestrial isopods from the Oued Laou basin, north-eastern Morocco (Crustacea, Oniscidea), with descriptions of two new genera and seven new species. *Journal of Natural History* 49: 2067–2138. DOI: 10.1080/00222933.(2015)1009512. **[KW: Crustacea (Isopoda), terrestrial]**

- Taiti S**, Wynne JJ (2015) The terrestrial Isopoda (Crustacea, Oniscidea) of Rapa Nui (Easter Island), with descriptions of two new species. In: Taiti S, Hornung E, Štrus L, Buchon D (eds) Trends in Terrestrial Isopod Biology. *ZooKeys* 515: 27–49. DOI: 10.3897/zookeys.515.9477 [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S**, Xue Z (2012) The cavernicolous genus *Trogloniscus* nomen novum, with descriptions of four new species from southern China (Crustacea, Oniscidea, Styloniscidae). *Tropical Zoology* 25: 183–209. [KW: **Crustacea (Isopoda), terrestrial**]
- Taviani M** (1975) Osservazioni sull'*Alvania heraelaciniae* Ruggieri. *Conchiglie* 11(9–10): 205–210. [KW: **Mollusca (Gastropoda), paleo, marine**]
- Taviani M** (1979) I molluschi marini raccolti dalla spedizione "L Mares–GRSTS" alle isole Galapagos. 1. Gastropoda e Bivalvia. In: Galapagos, studi e ricerche. Spedizione "L Mares–GRSTS", Edition: Museo Zoologico dell'Università di Firenze, Publisher: GRSTS, Firenze, 61 pp. [KW: **Mollusca (Gastropoda, Bivalvia), marine**]
- Taviani M** (1983) On the systematic position of *Cerithiopsis concinna* Sykes, 1925 with description of the new genus *Narrimania* (Gastropoda: Epitoniidae). *Bollettino Malacologico* 19(9–12): 237–244. [KW: **Mollusca (Gastropoda), marine**]
- Taviani M** (2014) Unpersisting *Persististrombus*: a Mediterranean story. *Vieraea* 42: 9–18. [KW: **Mollusca (Gastropoda), paleo marine**]
- Taviani M, Angeletti L, Ceregato A** (2011) Considerations on chemosynthetic bivalves of the family Solemyidae (Bivalvia, Cryptodonta) in the Neogene of the Mediterranean basin. *Journal of Paleontology* 85(6): 1067–1076. [KW: **Mollusca (Bivalvia), paleo, marine**]
- Taviani M, Angeletti L**, Dimech M, Mifsud C, Freiwald A, Harasewych MG, Oliverio M (2009) Coralliophilinae (Gastropoda: Muricidae) associated with deep–water coral banks in the Mediterranean. *The Nautilus* 123(3): 106–112. [KW: **Mollusca (Gastropoda), marine**]
- Taviani M**, Sabelli B, Candini F (1990) A fossil Cenozoic monoplacophoran. *Lethaia* 23(2): 213–216. [KW: **Mollusca (Monoplacophora), paleo, marine**]
- Taviani M**, Taviani N (1986) Remarks on *Coralliophila richardi* (P. Fischer, 1882) (Gastropoda, Prosobranchia). *Bollettino Malacologico* 22(1–4): 65–72. [KW: **Mollusca (Gastropoda), marine**]
- Vacchi M**, La Mesa M (1997) Morphometry of *Cryodraco* specimens of Terra Nova Bay. *Cybiurn* 21(4): 363–368. [KW: **Vertebrata (Perciformes), marine**]
- Wauters LA, **Amori G**, Aloise G, Gippoliti S, Agnelli P, Galimberti A, Casiraghi M, Preatoni DG, Martinoli A (2017) New endemic mammal species for Europe *Sciurus meridionalis* (sp. nov., Rodentia, Sciuridae). *Hystrix, The Italian Journal of Mammalogy* (in press) [KW: **Vertebrata (Mammalia), terrestrial**]
- Wilts EF, Bruns D, **Fontaneto D**, Ahlrichs WH (2012) Phylogenetic study on *Proales daphnicola* Thompson, 1892 (Proalidae) with its reallocation to *Epiphanes* (Rotifera: Epiphaniidae). *Zoologischer Anzeiger* 251: 180–196. [KW: **Rotifera, freshwater**]
- Wisshak M, López Correa M, Gofas S, Salas C, **Taviani M**, Jakobsen J, Freiwald A (2009) Shell architecture, element composition, and stable isotope signature of the giant deep–sea oyster *Neopycnodonte zibrowii* sp. n. from the NE Atlantic. *Deep Sea Research Part I: Oceanographic Research Papers* 56(3): 374–407. [KW: **Mollusca (Bivalvia), marine**]

- Worsaae K, Kvindebjerg K, **Martínez A** (2015) Morphology of a new interstitial *Psammodrillus* (Psammodrillidae, Annelida) from Sardinia, Italy. *Zoologischer Anzeiger* 259: 13–21. DOI:10.1016/j.jcz.2015.09.001 [KW: **Annelida (Polychaeta), marine**]
- Worsaae K, **Martínez A**, Núñez J (2009) Nerillidae (Annelida) from the Corona lava tube, Lanzarote, with description of *Megamerilla cesari* n. sp. *Marine Biodiversity* 39(3): 195–207. DOI:10.1007/s12526-009-0027-2. [KW: **Annelida (Polychaeta), marine**]
- Yakimov MM**, Giuliano L, Chernikova TN, Gentile G, Abraham WR, Lünsdorf H, Timmis KN, Golyshin PN (2001) *Alcalilimnicola halodurans* gen. nov., sp. nov., an alkaliphilic, moderately halophilic and extremely halotolerant bacterium, isolated from sediments of soda-depositing Lake Natron, East Africa Rift Valley. *International journal of systematic and evolutionary microbiology* 51(6): 2133–2143. [KW: **Proteobacteria, freshwater**]
- Yakimov MM**, Giuliano L, Denaro R, Crisafi E, Chernikova TN, Abraham WR, Luensdorf H, Timmis KN, Golyshin PN (2004) *Thalassolituus oleivorans* gen. nov., sp. nov., a novel marine bacterium that obligately utilizes hydrocarbons. *International Journal of Systematic and Evolutionary Microbiology* 54(1): 141–148. [KW: **Proteobacteria, marine**]
- Yakimov MM**, Golyshin PN, Lang S, Moore ER, Abraham WR, Lünsdorf H, Timmis KN (1998) *Alcanivorax borkumensis* gen. nov., sp. nov., a new, hydrocarbon-degrading and surfactant-producing marine bacterium. *International Journal of Systematic and Evolutionary Microbiology* 48(2): 339–348. [KW: **Proteobacteria, marine**]
- Zappi I, **Pantaleoni RA** (2010) *Opilo orocastaneus* n. sp.: a new checkered beetle from Sardinia (Coleoptera Cleridae). *Bulletin of Insectology* 63: 225–231. [KW: **Hexapoda (Coleoptera), terrestrial**]
- Zdzitowiecki K, Pisano E, **Vacchi M** (1992) Additional data to Antarctic representatives of the genus *Macvicaria* Gibson et Bray, 1982 (Digenea, Opecoelidae), with a key to species occurring in the Antarctic. *Acta Parasitologica* 37(3): 131–134. [KW: **Platyhelminthes (Trematoda), marine**]
- Zdzitowiecki K, Pisano E, **Vacchi M** (1993) Antarctic representatives of the genus *Neolebouria* Gibson, 1976 (Digenea, Opecoelidae), with description of one new species. *Acta Parasitologica* 38(1): 11–14. [KW: **Platyhelminthes (Trematoda), marine**]
- Zizzari ZV, Lupetti P, **Pantaleoni RA**, Letardi A, Dallai R (2011) Sperm structure of some *Neuroptera* and phylogenetic considerations. *Italian Journal of Zoology* 78: 35–44. [KW: **Hexapoda (Neuroptera), terrestrial**]

Floro–faunal records (parataxonomic papers, species list, first records by determined area, records of non–indigenous species, etc.)

- Abbate M, Barone R, Cabrini M, Lugliè A, **Giacobbe MG**, Nuccio C, Pastorelli AM, Pompei M, Socal G, Totti C, Zingone A (2006) Guida al Riconoscimento del Plancton dei Mari Italiani. Programma di Monitoraggio per il Controllo dell'Ambiente Marino Costiero. Volume I Fitoplancton. Ministero dell'Ambiente della Tutela del Territorio e del Mare

- ed ICRAM, Roma. 505 pp. **[KW: Chlorophyta, Cryptista (Cryptophyceae), Cyanobacteria, Euglenozoa (Euglenophyceae), Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Raphidophyceae), marine, freshwater, transitional waters, Manual]**
- Aiello IW, Chiari M (1995) Cretaceous radiolarian cherts of Western Cuba. *Ofioliti* 20(2): 123–128. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Ait Boughrous A, Yacoubi Khebiza M, Boulanouar M, Boutin C, Messana G (2007) Groundwater quality in two arid areas of Morocco: impact of pollution on biodiversity and paleogeographic implications. *Environmental Technology* 28(11): 1298–1315. **[KW: Crustacea (Amphipoda, Isopoda, Ostracoda, Thermosbaenacea), Mollusca (Gastropoda), freshwater, Species List]**
- Álvarez F, Martínez A, Núñez L, Núñez J (2004) Sobre la presencia en Canarias de varias especies de pequeños braquiópodos (Brachiopoda: Rhynchonella) en cuevas y cornisas submarinas. *Vieraea* 33: 261–279. **[KW: Brachiopoda, marine]**
- Amori G, Aloise G (2005) Mammalia. Insectivora. In: Ruffo S, Stoch F (eds) Checklist e distribuzione della fauna italiana. *Memorie del Museo Civico di Storia Naturale di Verona, 2 Serie, Sezione Scienze della Vita* 16: 289–291. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Amori G, Aloise G (2005) Mammalia. Rodentia. In: Ruffo S, Stoch F (eds) Checklist e distribuzione della fauna italiana. *Memorie del Museo Civico di Storia Naturale di Verona, 2 Serie, Sezione Scienze della Vita* 16: 297–299. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Amori G, Angelici FM, Boitani L (1999) Mammals of Italy: a revised list of species and subspecies. *Senckenbergiana Biologica* 79: 271–286. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Amori G, Angelici FM, Frugis S, Gandolfi G, Groppali R, Lanza B, Relini G, Vicini G (1993) Vertebrata. In: Minelli A, Ruffo S, La Posta S (eds) *Checklist delle specie della fauna italiana*, 110. Calderini, Bologna. 83 pp. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Amori G, Segniagbeto GH, Decher J, Assou D, Gippoliti S, Luiselli L (2016) Non-marine mammals of Togo (West Africa): an annotated checklist. *Zoosystema* 38: 201–244. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Amorosi A, Antonioli F, Bertini A, Marabini S, Mastronuzzi G, Montagna P, Negri A, Rossi V, Scarponi D, Taviani M, Angeletti L, Piva A, Vai GB (2014) The Middle–Late Quaternary Fronte Section (Taranto, Italy): An exceptionally preserved marine record of the Last Interglacial. *Global and Planetary Change* 119: 23–38. **[KW: Cnidaria (Scleractinia), Mollusca (Bivalvia, Gastropoda), paleo, marine]**
- Angeletti L, Ceregato A, Ghirelli M, Gualandi B, Lipparini E, Malatesta D, Sperotti A, Taviani M (2010) ROV–Scuba integrated survey of the Montecristo Island Nature Reserve (Tuscan Archipelago National Park, Mediterranean Sea). *International Journal of the Society for Underwater Technology* 29(3): 151–154. doi:10.3723/ut.29.151 **[KW: Echinodermata (Crinoidea), marine]**
- Angeletti L, Mecho A, Doya C, Micallef A, Huvenne V, Georgiopoulou A, Taviani M (2015) First report of live deep–water cnidarian assemblages from the Malta Escarpment. *Italian Journal of Zoology* 82(2): 1–7. **[KW: Cnidaria, marine]**
- Angeletti L, Taviani M, Canese S, Fogliani F, Mastrototaro F, Argnani A, Trincardi F, Bakran–Petricoli T, Ceregato A, Chimienti G, Mačić V, Poliseno A (2014) New deep–

- water cnidarian sites in the southern Adriatic Sea. *Mediterranean Marine Science* 15(2): 263–273. doi: 10.12681/mms.558 <http://www.medit-mar-sc.net/index.php/marine/article/view/558> [KW: **Cnidaria, Porifera, Mollusca, marine, Species List**]
- Angeletti L, Taviani M** (2011) Entrapment, preservation and incipient fossilization of benthic predatory molluscs within deep-water coral frames in the Mediterranean Sea. *Geobios* 44: 543–548. [KW: **Cnidaria, Mollusca (Gastropoda), paleo, marine**]
- Argillier C, Caussé S, Gevrey M, Pédrón S, De Bortoli J, Brucet S, Emmerich M, Jeppesen E, Lauridsen T, Mehner T, Olin M, Rask M, **Volta P**, Winfield IJ, Kelly F, Krause T, Palm A, Holmgren K (2012) Development of a fish-based index to assess the eutrophication status of European lakes. *Hydrobiologia* 704: 193–211. [KW: **Vertebrata (Actinopterygii), freshwater, Species List**]
- Armeli Minicante S** (2011) *Ulva pertusa* Kjellman, 1897: Prima segnalazione in Adriatico. *Bollettino del Museo Civico di Storia Naturale di Venezia* 62: 245–246. [KW: **Chlorophyta, marine, NIS**]
- Armeli Minicante S** (2013) *Pyropia yezoensis* (Ueda) M.S. Hwang et H.G. Choi: Prima segnalazione in Adriatico. *Bollettino del Museo Civico di Storia Naturale di Venezia* 64: 141–142. [KW: **Rhodophyta, marine, NIS**]
- Armeli Minicante S** (2013) *Spermothamnion cymosum* (Harvey) De Toni: Prima segnalazione in Adriatico. *Bollettino del Museo Civico di Storia Naturale di Venezia* 64: 143–144. [KW: **Rhodophyta, marine, NIS**]
- Arnò C, Luciano P, **Pantaleoni RA** (1998) La tassocenosi a Ragni sui Tigli di un'alberata cittadina a Sassari. In: I° Convegno Nazionale sulla Fauna Urbana, Fratelli Palombi Editori, Roma: 87–89. [KW: **Chelicerata (Araneae), terrestrial, Species List**]
- Artois T, **Fontaneto D**, Hummon WD, McInnes SJ, Todaro MA, Sørensen MV, Zullini A (2011) Ubiquity of microscopic animals? Evidence from the morphological approach in species identification. In: Fontaneto D (ed) *Biogeography of microscopic organisms, is everything small everywhere?* Cambridge, Cambridge University Press: 244–283. [KW: **Gastrotricha, Nematoda, Platyhelminthes, Rotifera, Tardigrada, freshwater, marine**]
- Aucelli PPC, Amato V, Budillon F, Senatore MR, Amodio S, D'Amico C, Da Prato S, **Ferraro L**, Pappone G, Russo Ermolli E (2012) Evolution of the Sele River coastal plain (southern Italy) during the Late Quaternary by inland and offshore stratigraphical analyses. *Rendiconti Fisici Accademia Lincei* 23(1): 81–102. [KW: **Foraminifera, paleo, marine, Species List**]
- Badalamenti F**, Cantone G, Domina R, Di Pietro N, Catalano D, Mollica E (1999) Primi dati sulla fauna a policheti di substrato duro dell'infralitorale fotofilo superiore dell'Isola di Ustica. *Biologia Marina Mediterranea* 6(1): 230–236. [KW: **Annelida (Polychaeta), marine**]
- Baini F, Bologna MA, **Taiti S** (2011) Woodlice assemblages of planted and native forests in central Italy. In: Zidar P, Štrus J (eds) *Proceedings of the 8th International Symposium of Terrestrial Isopod Biology* ISTIB (2011) University of Ljubljana, Biotechnical Faculty, Department of Biology, pp. 137–138. [KW: **Crustacea (Isopoda), terrestrial**]
- Baini F, Pitzalis M, Bologna MA, Zapparoli M, **Taiti S**, Vigna Taglianti A (2014) Assessing patterns of co-occurrence and nestedness of arthropod assemblages in an artificial-natural Mediterranean forest mosaic (Isopoda Oniscidea, Coleoptera Carabidae). *Rendiconti Lincei - Scienze Fisiche e Naturali* 25: 339–350. DOI 10.1007/s12210-

- 014-0302-4. [KW: **Hexapoda (Coleoptera), Crustacea (Isopoda), terrestrial, Species List**]
- Baini F, Pitzalis M, **Taiti S**, Vigna Taglianti A, Zapparoli M, Bologna MA (2012) Effects of reforestation with *Quercus* species on selected arthropod assemblages (Isopoda Oniscidea, Chilopoda, Coleoptera Carabidae) in a Mediterranean area. *Forest Ecology and Management* 286: 183–191. [KW: **Crustacea (Isopoda), Hexapoda (Coleoptera), Myriapoda (Chilopoda), terrestrial, Species List**]
- Baldrighi E**, Aliani S, Conversi A, Lavaleye M, Borghini M, Manini E (2013) From microbes to macrofauna: an integrated study of deep benthic communities and their response to environmental variables along the Malta Escarpment (Ionian Sea). *Scientia Marina* 77(4): 625–639. [KW: **Annelida (Polychaeta), Crustacea, Mollusca, Nematoda, marine, Species List**]
- Baldrighi E**, Lavaleye M, Aliani S, Conversi A, Manini E (2014) Large Spatial Scale Variability in Bathyal Macrobenthos Abundance, Biomass, α - and β -Diversity along the Mediterranean Continental Margin. *PLoS ONE* 9(9): e107261. [KW: **Annelida (Polychaeta), Crustacea, Mollusca, Nematoda, marine, Species List**]
- Bandelj V, Socal G, Park YS, Lek L, Coppola J, **Camatti E**, Capuzzo E, Milani L, Solidoro C (2008) Analysis of multitrophic plankton assemblages in the lagoon of Venice. *Marine Ecology Progress Series* 368: 23–40. [KW: **Crustacea, marine**]
- Bartolozzi L, **Taiti S** (1991) Gli invertebrati del Giardino di Boboli. In: Acidini Luchinat C, Garbero Zorzi E (eds) Boboli 90. *Atti del convegno internazionale di studi per la salvaguardia e la valorizzazione del giardino*. Firenze: Edifir. 1: pp. 213–240. [KW: **Crustacea (Isopoda), terrestrial**]
- Bedek J, **Taiti S**, Gottstein S (2011) Catalogue and atlas of cave-dwelling terrestrial isopods (Crustacea: Oniscidea) from Croatia. *Natura Croatica* 20: 236–354. [KW: **Crustacea (Isopoda), terrestrial, Manual**]
- Belaidi N, Taleb A, Mahi A, **Messana G** (2011) Composition and distribution of stygobionts in the Tafna alluvial aquifer (north-western Algeria). *Subterranean Biology* 8: 21–32. [KW: **Annelida (Oligochaeta), Chelicerata (Acariformes), Crustacea (Amphipoda, Copepoda, Isopoda, Ostracoda), Hexapoda (Diptera, Collembola, Coleoptera, Heteroptera, Trichoptera), Mollusca (Gastropoda), Nematoda, freshwater, Species List**]
- Belmonte G, Vaglio I, **Rubino F**, Alabiso G (2013) Zooplankton composition along the confinement gradient of the Taranto Sea System (Ionian Sea, south–eastern Italy). *Journal of Marine Systems* 128: 222–238. [KW: **Annelida (Polychaeta), Cnidaria (Hydrozoa), Crustacea (Copepoda, Calanoida), marine**]
- Delrio G, **Verdinelli M, Serra G** (2004) Monitoring of pest and beneficial insect populations in summer sown Bt maize. *IOBC wprs Bulletin* 27(3): 43–48. [KW: **Hexapoda (Coleoptera, Diptera, Hemiptera, Lepidoptera, Neuroptera), terrestrial, Species List**]
- Ben Hadj Hamida–Ben Abdallah O, Ben Hadj Hamida N, Jarboui O, **Frogliia C** (2010) First occurrence of the yellow roughneck shrimp, *Rimapenaeus similis* (Smith, 1885) (Crustacea: Decapoda: Penaeidae) in the Mediterranean Sea (Tunisian waters). *Biological Invasions* 12: 999–1001. [KW: **Crustacea (Decapoda), marine, NIS**]
- Berdar A, **Frogliia C**, Guglielmo L (1988) On two Pseudosquillid larvae stranded on the Strait of Messina (Crustacea: Stomatopoda). *Memorie Biologia Marina e Oceanografia* 14(3)[1984]: 115–119. [KW: **Crustacea (Stomatopoda), marine**]

- Bernardi Aubry F**, Acri F, Bastianini M, Bianchi F, Cassin D, Pugnetti A, Socal G (2006) Seasonal and inter annual variations of phytoplankton in the gulf of Venice (Northern Adriatic Sea). *Chemistry and Ecology* 22: 71–91. [KW: **Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List**]
- Bernardi Aubry F**, Acri F, Bianchi F, Pugnetti A (2013) Looking for patterns in the phytoplankton community of the Mediterranean microtidal Venice Lagoon: evidence from ten years of observations. *Scientia Marina* 77(1): 47–60. [KW: **Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List**]
- Bernardi Aubry F**, Cossarini G, Acri F, Bastianini M, Bianchi F, **Camatti E**, De Lazzari A, Pugnetti A, Solidoro G, Socal G (2012) Plankton communities in the northern Adriatic Sea: Patterns and changes over the last 30 years. *Estuarine, Coastal and Shelf Science* 115, 125–137. [KW: **Crustacea, Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List**]
- [Bernardi] Iori A, Kathirithamby J, Letardi A, **Pantaleoni RA**, Principi MM (1995) 62. Neuropteroidea (Megaloptera, Raphidioptera, Planipennia), Mecoptera, Siphonaptera, Strepsiptera. In: Minelli A, Ruffo S, La Posta S (eds) *Checklist delle specie animali italiane*. Calderini Editore, Bologna, 20 pp. [KW: **Hexapoda (Mecoptera, Siphonaptera, Strepsiptera), terrestrial, Species List**]
- Berti M, Cuzzani MG, Vai GB, Landuzzi A, **Taviani M**, Aharon P (1994) Hydrocarbon-derived imprints in olistostromes of the Early Serravallian Marnoso–arenacea Formation, Romagna Apennines (northern Italy). *Geo-Marine Letters* 14(2): 192–200. [KW: **Mollusca (Bivalvia), paleo, marine**]
- Bertinelli A, **Chiari M**, Marcucci M (2005) Late Triassic radiolarians of the cherty dolostones of Mt. Marrone (Molise Basin), Central Apennines, Italy. *Bollettino della Società Geologica Italiana* 124: 155–159. [KW: **Radiolaria, paleo, marine**]
- Berti R, **Messana G** (2010) Subterranean Fishes of Africa. In: Trajano E, Bichuette ME, Kapoor BG (eds) *Biology of Subterranean Fishes*. Science Publishers: 357–396. [KW: **Vertebrata (Actinopterygii), freshwater, Species List**]
- Beuck L, Freiwald A, **Taviani M** (2010) Spatio-temporal bioerosion patterns in deep-water scleractinians from off Santa Maria di Leuca (Apulia, Ionian Sea). *Deep Sea Research Part II Topical Studies in Oceanography* 57(5): 458–470. [KW: **Cnidaria, Porifera, marine, Species List**]
- Boero F**, Brotz L, Gibbons MJ, Piraino S, Zampardi S (2016) Impacts and effects of ocean warming on jellyfish. In: Laffoley D, Baxter JM (eds) *Explaining ocean warming: Causes, scale, effects and consequences*. Full report. Gland, Switzerland: IUCN. pp. 213–237. [KW: **Cnidaria, Ctenophora, Urochordata (Thaliacea), marine, Manual**]
- Boggero A**, Basset A, **Austoni M**, Barbone E, Bartolozzi L, Bertani I, Campanaro A, Cattaneo A, Cianferoni F, Corriero G, Dörr AM, Elia AC, Ficetola GF, Kamburska L, La Porta G, Lauceri R, Ludovisi A, Gaino E, Goretti E, Lorenzoni M, **Manca M, Marchetto A, Morabito G**, Nonnis Marzano F, Oggioni A, Pierri C, **Riccardi N**, Rossetti G, Ungaro N, **Volta P**, Zaupa S, **Fontaneto D** (2014) Weak effects of habitat type on susceptibility to invasive freshwater species: an Italian case study. *Aquatic Conservation* 24: 841–852. [KW: **Annelida, Chlorophyta, Crustacea (Amphipoda,**

- Copepoda, Decapoda, Diplostraca, Isopoda), Cyanobacteria, Hexapoda (Ephemeroptera), Mollusca (Bivalvia, Gastropoda), Platyhelminthes, Rotifera, Vertebrata (Actinopterygii), freshwater, NIS]**
- Boggero A, Füreder L, Lencioni V, Simcic T, Thaler B, Ferrarese U, Lotter AF, Ettinger R (2006)** Littoral Chironomid communities of Alpine lakes in relation to environmental factors. *Hydrobiologia* 562: 145–165. [KW: **Hexapoda (Diptera), freshwater**]
- Boggero A, Jann B, Zaupa S (2012)** Freshwater macroinvertebrates of Val Piora (Canton Tessin, Switzerland). *Memorie della Società Ticinese di Scienze Naturali* 11: 165–172. [KW: **Annelida, Hexapoda (Diptera, Ephemeroptera, Plecoptera, Trichoptera), Platyhelminthes, freshwater, Species List**]
- Boggero A, Lencioni V (2006)** Macroinvertebrates assemblages of high altitude lakes, inlets and outlets in the southern Alps. *Archiv fuer Hydrobiologie* 165: 37–61. [KW: **Annelida, Hexapoda (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Odonata, Plecoptera, Trichoptera), Mollusca (Bivalvia), Platyhelminthes, freshwater, Species List**]
- Boggero A, Marchetto A, Manca M, Mosello R, Tartari GA (2005)** Studies on small mountain lakes in the Val Grande National Park (Central Alps, Italy). *Studi Trentini di Scienze Naturali, Acta Biologica* 82: 43–54. [KW: **Annelida, Chelicerata (Acariformes), Crustacea (Copepoda, Diplostraca), Hexapoda (Coleoptera, Diptera, Hemiptera, Odonata, Plecoptera, Trichoptera), Mollusca (Bivalvia), Platyhelminthes, freshwater, Species List**]
- Boggero A, Nobili M (1998)** Macrobenthic community and chemical characteristics of four Alpine lakes in Canton Ticino. *Bollettino della Società Ticinese di Scienze Naturali* 86: 17–23. [KW: **Annelida, Chelicerata (Acariformes), Hexapoda (Coleoptera, Diptera, Hemiptera, Plecoptera, Trichoptera), Platyhelminthes, freshwater, Species List**]
- Boggero A, Nocentini AM (1994)** Macrozoobentos di un lago alpino d'alta quota (Lago di Paione Superiore, Val Bognanco). *Atti del 10' Congresso dell'Associazione italiana di Oceanologia e Limnologia A.I.O.L. Alassio, 4–6 Novembre 1992*: 177–187. [KW: **Annelida, Chelicerata (Acariformes), Hexapoda (Coleoptera, Diptera, Trichoptera), Platyhelminthes, freshwater, Species List**]
- Boggero A, Pierri C, Alber R, Austoni M, Barbone E, Bartolozzi L, Bertani I, Campanaro A, Cattaneo A, Cianferoni F, Colangelo P, Corriero G, Dörr AM, Elia AC, Ficetola GF, Fontaneto D, Gaino E, Goretti E, Kamburska L, La Porta G, Lauceri R, Lorenzoni M, Ludovisi A, Manca M, Morabito G, Nonnis Marzano F, Oggioni A, Riccardi N, Rossetti G, Tagliolato P, Thaler B, Ungaro N, Volta P, Zaupa S, Rosati I, Fiore N, Basset A, Marchetto A (2016)** A geographic distribution data set of biodiversity in Italian freshwaters. *Biogeographia* 31: 55–72. [KW: **Annelida, Chlorophyta, Crustacea (Amphipoda, Copepoda, Decapoda, Diplostraca, Isopoda), Cryptista (Cryptophyceae), Cyanobacteria, Euglenozoa, Haptophyta, Hexapoda, Mollusca, Ochrophyta, Platyhelminthes, Rotifera, Vertebrata (Actinopterygii), freshwater, NIS]**
- Bolognini L, Domenichetti F, Grati F, Polidori P, Scarcella G, Fabi G (2015)** New record of the blue jack mackerel, *Trachurus picturatus* (Bowdich, 1825) (Osteichthyes: Carangidae) from the Northern Adriatic Sea. *Acta Adriatica* 56(2): 305–308. [KW: **Vertebrata (Perciformes), marine**]
- Bolognini L, Leoni S, Polidori P, Grati F, Scarcella G, Pellini G, Domenichetti F, Ferrà C, Fabi G (2016)** Occurrence of the leech, *Pontobdella muricata* (Linnaeus, 1758), on

- elasmobranch species in the Northern and Central Adriatic Sea. *Journal of Parasitology* 102: 643–645. <http://doi.org/10.1645/15-826> [KW: **Annelida (Rhynchobdellida), marine**]
- Bo M, Bertolino M, Bavestrello G, Canese S, Giusti M, Angiolillo M, Pansini M, **Taviani M** (2011) Role of deep sponge grounds in the Mediterranean Sea: a case study in southern Italy. *Hydrobiologia* 680: 1–15. [KW: **Cnidaria, Porifera, marine**]
- Bombace G, Castriota L, **Spagnolo A** (1997) Benthic community on a concrete and coal-ash blocks submerged in an artificial reef in the central Adriatic Sea. In: Hawkins LE, Hutchinson S, Jensen AC, Shearer M, Williams JA (eds) *The Response of Marine Organisms to Their Environments – Proceedings of the 30th European Marine Biological Symposium*. University of Southampton, Southampton, UK. pp. 281–290. [KW: **Annelida (Polychaeta), Crustacea, Mollusca, marine, Species List**]
- Bonfitto A, Bigazzi M, Fellegara I, Gofas S, Impiccini R, **Taviani M**, Taviani N (1994) Rapporto scientifico sulla crociera DP'91 (Margine orientale della Sardegna, Mar Mediterraneo). *Bollettino Malacologico* 30(5–9): 129–140. [KW: **Cnidaria (Scleractinia), Crustacea (Decapoda), Mollusca (Gastropoda, Bivalvia, Scaphopoda), marine, Species List**]
- Bonfitto A, Oliverio M, Sabelli B, **Taviani M** (1994) A Quaternary deep-sea marine molluscan assemblage from East Sardinia (Western Tyrrhenian Sea). *Bollettino Malacologico* 30(5–9): 141–157. [KW: **Mollusca (Gastropoda, Bivalvia, Scaphopoda), marine, Species List**]
- Bonomo S**, Cascella A, Alberico I, **Ferraro L**, Giordano L, Lirer F, Vallefucio M, Marsella E (2014) Coccolithophores from near the Volturno estuary (central Tyrrhenian Sea). *Marine Micropaleontology* 111: 26–37. [KW: **Haptophyta (Coccolithophyceae), marine, Species List**]
- Bonomo S**, Cascella A, Alberico I, Sorgato S, Pelosi N, **Ferraro L**, Lirer F, Vallefucio M, Bellucci L, Agnini C, Pappone G (2016) Reworked Coccoliths as runoff proxy for the last 400 years: The case of Gaeta Gulf (central Tyrrhenian Sea, Central Italy). *Palaeogeography, Palaeoclimatology, Palaeoecology* 459: 15–28. [KW: **Haptophyta (Coccolithophyceae), paleo, marine, Species List**]
- Bonomo S**, Grelaud M, Incarbona A, Malinverno E, Placenti F, Bonanno A, Di Stefano E, Patti B, Sprovieri M, Genovese S, Rumolo P, Mazzola S, Zgozi S, Ziveri P (2012) Living Coccolithophores from the Gulf of Sirte (Southern Mediterranean Sea) during the summer of 2008. *Micropaleontology* 58(6): 487–503. ISSN: 0026–2803. [KW: **Haptophyta (Coccolithophyceae), marine, Species List**]
- Borghi E, Garilli V, **Bonomo S** (2014) Plio–Pleistocene Mediterranean bathyal echinoids: Evidence of adaptation to psychrospheric conditions and affinities with Atlantic assemblages. *Palaeontologia Electronica* 17(3–44A): 1–26. [KW: **Echinodermata, Haptophyta (Coccolithophyceae), paleo, marine, Species List**]
- Borri M, Sabelli B, **Taviani M** (1982) *Cypraea (Talparia) exusta* Sowerby, 1832, from the central Red Sea: new data. *Lavori Societa' Italiana di Malacologia* 5: 103–107. [KW: **Mollusca (Gastropoda), marine**]
- Borsetti AM, Capotondi L**, Cati F, Negri A, Vergnaud–Grazzini C, Alberini C, Colantoni P, Curzi P (1995) *Biostratigraphic events and Late Quaternary tectonics in the Dosso Gallignani (central–southern Adriatic Sea)*. *Giornale di Geologia* 57(1–2): 41–58. [KW: **Foraminifera, paleo, marine**]

- Bortolotti V, Carras N, **Chiari M**, Fazzuoli M, Marcucci M, Nirta G, Principi G, Saccani E (2009) The ophiolite-bearing Mélange in the Early Tertiary Pindos Flysch of Etolia (Central Greece). *Ofioliti* 34(2): 83–94. [KW: **Radiozoa (Radiolaria), paleo, marine**]
- Bortolotti V, Carras N, **Chiari M**, Fazzuoli M, Marcucci M, Photiades A, Principi G (2003) The Argolis peninsula in the palaeogeographic and geodynamic frame of the Hellenides. *Ofioliti* 28(2): 79–94. [KW: **Radiozoa (Radiolaria), paleo, marine**]
- Bortolotti V, **Chiari M**, Fazzuoli M, Marcucci M, Photiadis A, Principi G (2002) New geological observation and biostratigraphic data on the Argolis Peninsula: palaeogeographic and geodynamic implications. *Ofioliti* 27(1): 43–46. [KW: **Radiozoa (Radiolaria), paleo, marine**]
- Bortolotti V, **Chiari M**, Göncüoğlu MC, Marcucci M, Principi G, Tekin UK, Saccani E, Tassinari R (2013) Age and Geochemistry of basalt-chert associations in the Ophiolites of the Izmir-Ankara Mélange east of Ankara, Turkey: preliminary data. *Ofioliti* 38(2): 157–173. [KW: **Radiozoa (Radiolaria), marine, paleo**]
- Bortolotti V, **Chiari M**, Kodra A, Marcucci M, Mustafa F, Principi G, Saccani E (2004) New evidences for Triassic morb magmatism in the northern Mirdita zone ophiolites (Albania). *Ofioliti* 29(2): 247–250. [KW: **Radiozoa (Radiolaria), marine, paleo**]
- Bortolotti V, **Chiari M**, Marcucci M, Photiades P, Principi G, Saccani E (2008) New Geochemical and age data on the ophiolites from the Othrys area (Greece): implication for the Triassic evolution of the Vardar ocean. *Ofioliti* 33(2): 135–151. [KW: **Radiozoa (Radiolaria), marine, paleo**]
- Boscolo S, **Coppa S**, Falconi A, Motta E, Ferro A, Baroni A (2012) Safeguarding of the Venice coastal area through Habitat® blocks. *Journal of Coastal Research* 61: 269–273. [KW: **Anthozoa, Arthropoda, Bryozoa, Urochordata (Ascidiacea), Echinodermata, Mollusca, Porifera, marine, Species List**]
- Bosi GP, Corazza C, **Pantaleoni RA** (1995) Prime analisi ecologiche su comunità di invertebrati terrestri delle Valli di Comacchio. In: Atti XII Conv. “G. Gadio” Ecologia della Padania, Ferrara, *Quaderni della Stazione di Ecologia Civico Museo di Storia Naturale Ferrara* 9: 243–259. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Bosi GP, Corazza C, **Pantaleoni RA** (1995) Studi sulle biocenosi ad invertebrati terrestri del Dosso Lungo (Valli di Comacchio). *S.I.T.E. Atti Sesto Congresso Nazionale della Società Italiana di Ecologia* (Venezia, 26–29 settembre 1994)16: 593–596. [KW: **Hexapoda, terrestrial, Species List**]
- Bouchet P, **Taviani M** (1989) Atlantic deep-sea gastropods in the Mediterranean: new findings. *Bollettino Malacologico* 25: 137–148. [KW: **Mollusca (Gastropoda), marine**]
- Brancelj A, Kernan M, Jeppesen E, Rautio M, **Manca M**, Šiško M, Alonso M, Stuchlik E (2009) Cladocera remains from the sediments of remote cold lakes: a study of 294 lakes across Europe. *Advances in Limnology* 62: 269–294. [KW: **Crustacea (Diplostraca), freshwater**]
- Brito MC, **Martínez A**, Núñez J (2009) Changes in the stygobiont polychaete community of the Jameos del Agua, Lanzarote, as a result of bioturbation by the echiurid *Bonellia viridis*. *Marine Biodiversity* 39(3): 183–187. DOI:10.1007/s12526-009-0025-4 [KW: **Annelida (Polychaeta), marine, Species List**]
- Brusca RC, Coelho VR, **Taiti S** (2007) Isopoda. In: Carlton JT (ed) *The Light and Smith Manual. Intertidal Invertebrates from central California to Oregon*. 4th Edition. pp.

- 503–542. University of California Press Berkeley. [KW: **Crustacea (Isopoda), terrestrial, Manual**]
- Buia MC, **Petrocelli A**, Saracino OD (1998) *Caulerpa racemosa* spread in the Mediterranean Sea: first record in the Gulf of Taranto. *Biologia Marina Mediterranea* 5(1): 527–529. [KW: **Chlorophyta (Bryopsidales), marine, NIS**]
- Bulleri F, **Badamenti F**, Iveša L, Mikac B, Musco L, Jaklin A, Rattray A, Vega Fernández T, Benedetti–Cecchi L (2016) The effects of an invasive seaweed on native communities vary along a gradient of land–based human impacts. *Peer J* 4: e1795. doi 10.7717/peerj.1795 [KW: **Chlorophyta (Bryopsidales), marine, NIS**]
- Buonocunto FP, **Ferraro L**, Sprovieri M, Marsella E (2011) Area Marina Protetta Punta Campanella: Foraminiferi bentonici come bio–indicatori ambientali. CNR-SOLAR N° reg. 1602BC2011. [KW: **Foraminifera, marine**]
- Burreson E, **Martínez A**, Núñez J, Moro L (2007) Primeros registros en Canarias de sanguijuelas marinas (Hirudinea, Piscicolidae). *Revista de la Academia Canaria de las Ciencias* 18(3–4): 61–65. [KW: **Annelida (Hirudinea), marine**]
- Calcinai B, Moratti V, Martinelli M, Bavestrello G, **Taviani M** (2013) Uncommon sponges associated with deep coral bank and maerl habitats in the Strait of Sicily (Mediterranean Sea). *Italian Journal of Zoology* 80(3): 412–423. [KW: **Porifera, marine, Species List**]
- Cameron NG, Birks HJB, Jones VJ, Berge F, Catalan J, Flower RJ, Garcia J, Kawecka B, Koinig KA, **Marchetto A**, Sánchez-Castillo P, Schmidt R, Sisko M, Solovieva N, Stefková E, Toro M (1999) Surface-sediment and epilithic diatom pH calibration sets for remote European mountain lakes (AL:PE Project) and their comparison with the Surface Waters Acidification Programme (SWAP) calibration set. *Journal of Paleolimnology* 22: 291–317. [KW: **Ochrophyta (Bacillariophyceae), freshwater, Species List**]
- Canali G, Capraro L, **Donnici S**, Rizzetto F, Serandrei-Barbero R, Tosi L (2007) Vegetational and environmental changes in the eastern Venetian coastal plain (Northern Italy) over the past 80,000 years. *Palaeogeography, Palaeoclimatology, Palaeoecology* 253(3–4): 300–316. [KW: **Foraminifera, paleo, transitional waters, Species List**]
- Cantalamesa G, Di Celma C, Piccini M, Didaskalou P, Potetti M, Lori P, Campiani E, Correggiari A, Fogliani F, Trincardi F, **Asioli A, Ceregato A, Angeletti L, Taviani M**, Remia A (2016) Note Illustrative della *Carta Geologica d'Italia alla scala 1:50.000 foglio 304 Civitanova Marche*. <http://www.isprambiente.gov.it/Media/carg/marche.html> [KW: **Foraminifera, paleo, marine, Species List**]
- Capotondi L, Bergami C**, Orsini G, Ravaioli M, Colantoni P, Galeotti S (2015) Benthic foraminifera for environmental monitoring: a case study in the central Adriatic continental shelf. *Environmental Science and Pollution Research* 22(8): 6034–6049. [KW: **Foraminifera, marine, Species List**]
- Caracuel JE, Olóriz Saez F, Sarti C, **Ceregato A** (1998) Updated Biostratigraphy of the Kimmeridgian and Lower Tithonian at Lavarone (Trento Plateau, Italy). Correlation for Epiocceanic Western Tethys. *Geologica et Palaeontologica* (Marburg) 32: 235–251. [KW: **Mollusca (Cephalopoda, Ammonoidea), paleo, marine**]
- Caroppo C** (2000) The contribution of picophytoplankton to community structure in a Mediterranean brackish environment. *Journal of Plankton Research* 22(2): 381–397.

- [KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), transitional waters, Species List]**
- Caroppo C**, Bisci AP (2010) First data on the benthic assemblages of harmful microalgal species in the Gulf of Taranto (Northern Ionian Sea). *Rapport Commission internationale Mer Méditerranée* 39: 341. **[KW: Myzozoa (Dinophyceae), marine]**
- Caroppo C**, Cardellicchio N (1995) Preliminary studies on phytoplankton communities of Mar Piccolo in Taranto (Jonian Sea). *Oebalia* 21(2): 61–76. **[KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine]**
- Caroppo C**, Cerino F, Auriemma R, Cibic T (2015) Phytoplankton dynamics with a special emphasis on harmful algal blooms in the Mar Piccolo of Taranto (Ionian Sea, Italy). *Environmental Science and Pollution Research* 23: 12691–12706. **[KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List]**
- Caroppo C**, Congestri R, Bracchini L, Albertano P (2005) On the presence of *Pseudo-nitzschia calliantha* Lundholm, Moestrup et Hasle and *P. delicatissima* (Cleve) Heiden in the Southern Adriatic Sea (Mediterranean Sea, Italy). *Journal of Plankton Research* 27(8): 763–774. **[KW: Ochrophyta (Bacillariophyceae), marine]**
- Caroppo C**, Congestri R, Bruno M (1999) On the presence of *Phalacroma rotundatum* in the southern Adriatic Sea (Italy). *Aquatic Microbial Ecology* 17(3): 301–310. **[KW: Myzozoa (Dinophyceae), marine]**
- Caroppo C**, Congestri R, Bruno M (2001) Dynamics of *Dinophysis sensu lato* species (Dinophyceae) in a coastal Mediterranean environment (Adriatic Sea). *Continental Shelf Research* 21(16–17): 1839–1854. **[KW: Myzozoa (Dinophyceae), marine]**
- Caroppo C**, Fiocca A, Sammarco P, Magazzù G (1999) Seasonal variations of nutrients and phytoplankton in the coastal SW Adriatic Sea (1995–1997). *Botanica Marina* 42(4): 389–400. **[KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List]**
- Caroppo C**, Stabili L, Cavallo RA, Pastore M, Bruno M (1999) Trophism, phytoplankton and bacterial flora along the Apulian Adriatic coast (1995–1997). *Oebalia* 25(S): 1–88. **[KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List]**
- Caroppo C**, Turicchia S, Margheri MC (2006) Phytoplankton assemblages in coastal waters of the Northern Ionian Sea (eastern Mediterranean), with special reference to cyanobacteria. *Journal of the Marine Biological Association of the United Kingdom* 86: 927–937. **[KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List]**
- Carriglio D, Fanelli G, **Rubino F** (2004) First record of the alien gastropod *Melibe fimbriata* (Opisthobranchia: Tethyidae) in the Taranto seas (Mediterranean Sea). *Journal of Marine Biology Association UK* 84: 1067–1068. **[KW: Mollusca (Gastropoda), marine, NIS]**
- Castelli A, **Abbiati M**, **Badalamenti F**, Nike Bianchi CN, Cantone G, Gambi MC, Giangrande A, Gravina MF, Lanera P, Lardicci C, Somaschini A, Sordino P (1995) Annelida Polychaeta, Pogonophora, Echiura, Sipuncula. In Minelli A, Ruffo S, La Posta S (eds) *Checklist delle specie della fauna italiana*, 19. Calderini, Bologna. **[KW: Annelida (Polychaeta), marine, Species List]**

- Castriota L, Fabi G, **Spagnolo A** (1996) Evoluzione del popolamento bentonico insediato su substrati in calcestrutto immersi in Medio Adriatico. *Biologia Marina Mediterranea* 3(1): 120–127. [KW: **Annelida (Polychaeta), Crustacea, Mollusca, marine**]
- Catalan J, Barbieri MG, Bartumeus F, Bitus P, Botev I, Brancelj A, Iniceanu DC, **Manca M, Marchetto A**, Ognjanova-Rumenova N, Pla S, Rieradevall M, Sorvari S, Stefková E, Stuchlick E, Ventura M (2009) Ecological thresholds in European alpine lakes. *Freshwater Biology* 54: 2494–2517. [KW: **Crustacea (Diplostraca), Hexapoda (Diptera), Ochrophyta (Bacillariophyceae), Rotifera, freshwater, Species List**]
- Catalano B, Scacco U, **Vacchi M** (2003) Note sulla biodiversità dei pesci cartilaginei del Parco dell'Asinara. *Biologia Marina Mediterranea* 10(2): 655–658. [KW: **Vertebrata (Chondrichthyes), marine**]
- Cecere E** (1990) Sulla presenza nel Golfo di Taranto di una specie nuova per il Mediterraneo: *Solieria filiformis* (Kützing) Gabrielson (Rhodophyta, Gigartinales). *Oebalia* 16(S2): 629–631. [KW: **Rhodophyta, transitional waters, NIS**]
- Cecere E**, Alabiso G, Portacci G, **Petrocelli A** (2011) L'effetto dei cambiamenti climatici sulle macroalghe alloctone: il caso del Mar Piccolo di Taranto. *Informatore Botanico Italiano* 43(S1): 157–158. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, NIS**]
- Cecere E, Belmonte M**, Portacci G, Rubino F, **Petrocelli A** (2016) Live seafood importation as a potential vector for alien introduction in the Taranto seas (southern Italy, Mediterranean Sea). *Rapport Commission internationale Mer Méditerranée* 41: 428. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, NIS**]
- Cecere E**, Cormaci M, Furnari G, **Petrocelli A**, Saracino O, Serio D (1996) Benthic algal flora of Cheradi Islands (Gulf of Taranto, Mediterranean Sea). *Nova Hedwigia* 62: 191–214. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, marine, Species List**]
- Cecere E**, Cormaci M, Furnari G, Tursi A, Caciorgna O (1991) Fouling communities in Mar Piccolo in Taranto (Ionian Sea – southern Italy): vegetal populations in midlittoral level and infralittoral fringe. *Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania* 24: 21–38. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List**]
- Cecere E**, Cormaci M, Furnari G (1991) The marine algae of Mar Piccolo, Taranto (southern Italy): a re-assessment. *Botanica Marina* 34: 221–227. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List**]
- Cecere E**, Fanelli G, **Petrocelli A**, Saracino OD (2001) Changes in seaweed biodiversity of the Gargano coast (Adriatic Sea, Mediterranean Sea). In: Faranda FM, Guglielmo L, Spezie G (eds) *Mediterranean ecosystems: Structures and Processes*, Springer-Verlag, Italia: pp. 347–351. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, marine**]
- Cecere E**, Moro I, Wolf MA, **Petrocelli A**, Verlaque M, Sfriso A (2011) The introduced seaweed *Grateloupia turuturu* (Rhodophyta, Halymeniales) in two Mediterranean transitional water systems. *Botanica Marina* 54: 23–33. [KW: **Rhodophyta, transitional waters, NIS**]
- Cecere E**, Perrone C (1987/88) First contribution to the knowledge of macrobenthic flora of the Amendolara sea-mount (Ionian Sea). *Oebalia* 14: 1–14. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, marine, Species List**]
- Cecere E, Petrocelli A**, Alongi G, Saracino OD, Cormaci M, Furnari G (2000) Marine benthic flora of the Gargano promontory (Adriatic Sea, southern Italy). *Flora*

- Mediterranea* 10: 325–347. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, Species List]
- Cecere E, Petrocelli A, Belmonte M**, Portacci G, **Rubino F** (2016) Activities and vectors responsible for the biological pollution in the Taranto seas (Mediterranean Sea, southern Italy): a review. *Environmental Science and Pollution Research* 23: 12797–12810. doi 10.1007/s11356–015–5056–8. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, NIS]
- Cecere E, Petrocelli A**, Portacci G, Mineur F, Verlaque M (2011) *Grateloupia minima* (Rhodophyta, Gigartinales) in the Thau Lagoon and in the Mar Piccolo of Taranto: first report for the Mediterranean Sea. *Bollettino dei Musei e degli Istituti Biologici dell'Università di Genova* 73: 78. [KW: Rhodophyta, transitional waters, NIS]
- Cecere E, Petrocelli A**, Relini G, Saracino OD (1993) Phytobenthic communities on fouling panels at Loano (Savona, Ligurian Sea). *Oebalia* 19(S): 161–170. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, Species List]
- Cecere E, Petrocelli A, Rubino F** (2016) Alien species and human activities in Italian coastal waters, a marriage to be kept in close check: the case of Taranto seas. ICES Working Group on Introductions and Transfers of Marine Organisms (WGITMO) MEETING, Olbia, 16–18 March 2016. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters]
- Cecere E, Petrocelli A**, Saracino O, Caciorgna O (1989) Il fitobenthos del Mar Piccolo di Taranto: 1920–1987. *Nova Thalassia* 10(S1): 579–580. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters]
- Cecere E, Petrocelli A**, Saracino O, Caciorgna O (1995) Studio floristico e vegetazionale delle acque prospicienti le Isole Cheradi (Golfo di Taranto) ai fini della valutazione della qualità dell'ambiente. CNR Rapp Tecn N° 56/ ISTTA/ Biologia 01.03.95. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, Species List]
- Cecere E, Petrocelli A**, Saracino O (2005) Biodiversity of phytobenthos communities in the marine reserve of Porto Cesareo. *Biologia Marina Mediterranea* 12(1): 78–87. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, Species List]
- Cecere E, Petrocelli A**, Saracino OD (2000) Benthic algal flora of the Gulf of Taranto (Italy, Ionian Sea). *Proceedings of the 1st Mediterranean Symposium on Marine Vegetation*, Ajaccio (Corsica), 3–4 October: 119–123. http://www.rac-spa.org/dl/MEDNATURE_I.pdf e CD–Rom. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, Species List]
- Cecere E, Petrocelli A**, Saracino OD (2000) *Undaria pinnatifida* (Fucophyceae, Laminariales) spread in the central Mediterranean: its occurrence in the Mar Piccolo in Taranto (Ionian Sea, southern Italy). *Cryptogamie, Algologie* 21(3): 305–309. [KW: Ochrophyta, transitional waters, NIS]
- Cecere E, Petrocelli A**, Verlaque M (2004) Morphology and vegetative reproduction of the introduced species *Hypnea cornuta* (Rhodophyta, Gigartinales) in the Mar Piccolo of Taranto (Italy, Mediterranean Sea). *Botanica Marina* 47: 381–388. [KW: Rhodophyta, transitional waters, NIS]
- Cecere E, Petrocelli A** (2004) Floristic and biogeographic considerations about the benthic macroalgal flora in the Gulf of Taranto. *Biogeographia* 25: 7–18. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, Species List]
- Cecere E, Petrocelli A** (2009) The Mar Piccolo of Taranto. In: Cecere E, Petrocelli A, Izzo G, Sfriso A (eds) *Flora and Vegetation of the Italian Transitional Water Systems*.

- CoRiLa, Stampa Multigraf Spinea, Venezia: pp. 195–227. **[KW: Chlorophyta, Ochrophyta, Rhodophyta, Tracheophyta, transitional waters, Species List]**
- Cecere E**, Portacci G, **Petrocelli A** (2014) Finding of the *Codium fragile* subsp. *fragile* (Chlorophyta, Bryopsidales) alien seaweed in the Miseno Lake Transitional Water System (southern Italy): an update of its distribution in Italy and in the Mediterranean Sea. *Biologia Marina Mediterranea* 21: 77–80. **[KW: Chlorophyta, transitional waters, NIS]**
- Cecere E**, Saracino O, **Petrocelli A** (2002) Sui primi studi delle macroalghe marine bentoniche del litorale marchigiano. *Biologia Marina Mediterranea* 9 (1): 517–518. **[KW: Chlorophyta, Ochrophyta, Rhodophyta, marine]**
- Cecere E**, Saracino OD, Fanelli M, Petrocelli A (1992) Presence of a drifting algal bed in the Mar Piccolo basin, Taranto (Ionian Sea, Southern Italy). *Journal of Applied Phycology* 4(3): 323–327. **[KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List]**
- Cello G, Tondi E, Rustichelli A, Mattioni L, Nigri A, Giunta S, Morigi C, Campiani E, Correggiari A, Fogliani F, Trincardi F, **Asioli A, Ceregato A, Angeletti L, Taviani M** Remia A (2016) Note Illustrative della *Carta Geologica d'Italia alla scala 1:50.000 foglio 282 Ancona*. <http://www.isprambiente.gov.it/Media/carg/marche.html> **[KW: Foraminifera, paleo, marine, Species List]**
- Ceregato A**, Raffi S, Scarponi D (2007) The circalittoral/bathyal transition in the Middle Pliocene of Northern Italy: the case of *Korobkovia oblonga*–*Jupiteria concava* paleocommunity type. *Geobios* 40: 555–572. **[KW: Mollusca (Bivalvia, Gastropoda, Scaphopoda), paleo, marine, Species List]**
- Ceregato A**, Rinaldi E, Tabanelli C (2002) Conferma della presenza di *Personopsis grasi* (D'Ancona, 1872 ex–Bellardi, m.s.) (Mollusca, Gastropoda, Personidae) nel Pliocene romagnolo. *Quaderni degli Studi e Notizie di Storia Naturale della Romagna* 16: 1–9. **[KW: Mollusca (Gastropoda), paleo, marine]**
- Chiari M** (1994) Radiolarian assemblage from Ophiolite sequence of Northern Apennines: 1- Figline di Prato sections. *Ofioliti* 19(2a): 177–192. **[KW: Radiozoa (Radiolaria), paleo, marine]**
- Chiari M**, Baldanza A, Parisi G (2004) Integrated stratigraphy (radiolarians and calcareous nanofossils) of the Jurassic siliceous sediments from Monte Kumeta (western Sicily, Italy). *Rivista Italiana di Paleontologia e Stratigrafia* 110(1): 129–140. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Chiari M**, Baumgartner PO, Bernoulli D, Bortolotti V, Marcucci M, Photiades A, Principi G (2013) Late Triassic, Early and Middle Jurassic Radiolaria from ferromanganese-chert 'nodules' (Angelokastron, Argolis, Greece): evidence for prolonged radiolarite sedimentation in the Maliac-Vardar Ocean. *Facies* 59: 391–424. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Chiari M**, Bortolotti M, Marcucci M, Photiades A, Principi G, Sacconi E (2012) Radiolarian biostratigraphy and geochemistry of the Koziakas Massif ophiolites (Greece). *Bulletin de la Societe Geologique de France* 183(4): 287–306 **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Chiari M**, Bortolotti V, Marcucci M, Photiades A, Principi G (2003) The Middle Jurassic siliceous sedimentary cover at the top of the Vourinos ophiolite (Greece). *Ofioliti* 28(2): 95–103. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**

- Chiari M**, Bortolotti V, Marcucci M, Principi G (2007) New data on the age of the Simoni Mélange, Northern Mirdita ophiolite nappe, Albania. *Ofioliti* 32(1): 53–56. **[KW: Radiozoa (Radiolaria), paleo, marine]**
- Chiari M**, Cobianchi M, Picotti V (2007) Integrated stratigraphy (radiolarians and calcareous nannofossils) of the Middle to Upper Jurassic Alpine radiolarites (Lombardian Basin, Italy): Constraints to their genetic interpretation. *Palaeogeography, Palaeoclimatology, Palaeoecology* 249: 233–270. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Chiari M**, Coccioni R, Galeotti S (1996) Benthic agglutinated foraminifera in the Monte Alpe Cherts Formation (middle-late Jurassic) at Sasso di Castro (Northern Apennines, Italy). *Paleopelagos* 6: 229–235. **[KW: Foraminifera, paleo, marine, Species List]**
- Chiari M**, Di Stefano P, Parisi G (2008) New stratigraphic data on the Middle-Late Jurassic biosiliceous sediments from the Sicilian basin, Western Sicily (Italy). *Swiss Journal of Geosciences* 101: 415–429. **[KW: Radiozoa (Radiolaria), paleo, marine]**
- Chiari M**, Djerić N, Garfagnoli F, Hrvatović H, Krstić M, Levi N, Malasoma A, Marroni M, Menna F, Nirta G, Pandolfi L, Principi G, Sacconi E, Stojadinović U, Trivić B (2011) The geology of the Zlatibor-Maljen area (western Serbia): a geotraverse across the ophiolites of the Dinaric-Hellenic collisional belt. *Ofioliti* 36(2): 139–166. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Chiari M**, Dumitrica P, Marroni M, Pandolfi L, Principi G (2006) Radiolarian biostratigraphic evidence for a Late Jurassic age of the El Tambor group ophiolites (Guatemala). *Ofioliti* 31(2): 141–150. **[KW: Radiozoa (Radiolaria), paleo, marine]**
- Chiari M**, Marcucci M, Cortese G, Ondrejickova A, Kodra A (1996) Triassic Radiolarian assemblages in the Rubik area and Cukali zone, Albania. *Ofioliti* 21(1): 77–84. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Chiari M**, Marcucci M, Prela M (1994) Mirdita ophiolites project: 2 Radiolarian assemblages in the cherts at Fushe Arrez and Shebaj (Mirdita Area, Albania). *Ofioliti* 19(2a): 313–318. **[KW: Radiozoa (Radiolaria), paleo, marine]**
- Chiari M**, Marcucci M, Prela M (2004) Radiolarian assemblages from the Jurassic cherts of Albania: new data. *Ofioliti* 29(2): 95–105. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Coccioni R, Baudin F, Cecca F, **Chiari M**, Galeotti S, Gardin S, Salvini G (1998) Integrated stratigraphic, palaeontological, and geochemical analysis of the uppermost Hauterivian Faraoni Level in the Bosso section, Umbria-Marche Apennines, Italy. *Cretaceous Research* 19: 1–23. **[KW: Radiozoa (Radiolaria), paleo, marine Species List]**
- Colantoni P, **Taviani M** (1980) Esplorazione diretta dei fondali dell'Alto Adriatico tra la foce del fiume Reno e la Laguna Veneta. Note di bionomia bentonica. In: Colantoni P, Galignani P (eds) *Ricerche sulla piattaforma continentale dell'alto Adriatico*. Risultati della crociera 1978 (dalla foce del Reno a Venezia), CNR, Progetto Finalizzato Oceanografia e Fondi marini. *Quaderno* 2: 37–41. **[KW: Mollusca, marine]**
- Colantoni P, **Taviani M** (1982) Geomorphological and ecological observations in the Sharm Obhor area and nearby coral reefs (Saudi Arabia – Red Sea). *Proceedings of the 6th Symposium of CMAS "Diving Science"*, Natural Environmental Research Council, Edinburgh: pp. 183–192. **[KW: Cnidaria, Mollusca, marine]**
- Coll M, Piroddi C, Steenbeek J, Kaschner K, Ben Rais Lasram F, Aguzzi J, Ballesteros E, Bianchi CN, Corbera J, Dailianis T, Danovaro R, Estrada M, **Frogliola C**, Galil BS,

- Gasol JM, Gertwagen R, Gil J, Guilhaumon F, Kesner-Reyes K, Kitsos MS, Koukouras A, Lampadariou N, Laxamana E, López-Fé De La Cuadra CM, Lotze HK, Martin M, Mouillot D, Oro D, Raicevich S, Rius-Barile J, Saiz-Salina JI, San Vicente C, Somot S, Templado J, Turon X, Vafidis D, Villanueva R, Voultsiadou E (2010) The Biodiversity of the Mediterranean Sea: Estimates, Patterns, and Threats. *PLoS ONE* 5(8): e11842. 36 pp. [KW: **Annelida, Arthropoda, Bryozoa, Chlorophyta, Cnidaria, Echinodermata, Magnoliophyta, Mollusca, Ochrophyta, Rhodophyta, Sipuncula, Urochordata, Vertebrata, marine, Species List**]
- Como S, Floris A, Pais A, Rumolo P, Saba S, Sprovieri M, Magni P (2015) Assessing the impact of the Asian mussel *Arcuatula senhousia* in the recently invaded Oristano Lagoon-Gulf system (W Sardinia, Italy). *Estuarine, Coastal and Shelf Science* (in press): 1–9. DOI: 10.1016/j.ecss.2015.11.024 [KW: **Mollusca (Bivalvia), transitional waters, NIS**]
- Como S, Magni P, Baroli M, Casu D, De Falco G, Floris A (2008) Comparative analysis of macrofaunal species richness and composition in *Posidonia oceanica*, *Cymodocea nodosa* and leaf litter beds. *Marine Biology* 153: 1087–1101. [KW: **Annelida (Polychaeta), Crustacea, Mollusca, marine, Species List**]
- Consoli P, Romeo T, Florio G, Perdichizzi F, Greco S, Vacchi M, Rinelli P (2004) First record of *Carcharhinus plumbeus* (Pisces: Carcharhinidae) from the southern Tyrrhenian Sea. *Journal of the Marine Biological Association, UK* 84: 1085–1086. [KW: **Vertebrata (Carcharhiniformes), marine**]
- Cormaci M, Furnari G, Alongi G, Serio D, Petrocelli A, Cecere E (2001) Censimento delle macroalghe marine bentoniche delle coste pugliesi. *Thalassia Salentina* 25: 75–158. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, Species List**]
- Correggia C, Ferraro L, Russo B, Anzalone E, Giordano L (2014) Distribuzione dei foraminiferi bentonici in aree selezionate del porto di Napoli e loro relazione con la distribuzione dei metalli pesanti: un esempio dal porto di Napoli (Golfo di Napoli, Mar Tirreno centrale). In: Technical Report. IAMC, Napoli. CNR-SOLAR N° reg. 5262TR2014. [KW: **Foraminifera, marine**]
- Corriero G, Pierri C, Accoroni S, Alabiso G, Bavestrello G, Barbone E, Bastianini M, Bazzoni AM, Bernardi Aubry F, Boero F, Buia MC, Cabrini M, Camatti E, Cardone F, Cataletto B, Cattaneo Vietti R, Cecere E, Cibic T, Colangelo P, De Olazabal A, D'Onghia G, Finotto S, Fiore N, Fornasaro D, Frascchetti S, Gambi Mc, Giangrande A, Gravili C, Guglielmo R, Longo C, Lorenti M, Luglié A, Maiorano P, Mazzocchi M, Mercurio M, Mastrototaro F, Mistri M, Monti M, Munari C, Musco L, Nonnis-Marzano C, Padedda BM, Patti FP, Petrocelli A, Piraino S, Portacci G, Pugnetti A, Pulina S, Romagnoli T, Rosati I, Sarno D, Satta CT, Sechi N, Schiaparelli S, Scipione B, Sion L, Terlizzi A, Tirelli V, Totti C, Tursi A, Ungaro N, Zingone A, Zupo V, Basset A (2016) Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the Italian coast. *Aquatic Conservation: Marine and Freshwater Ecosystems* 26: 392–409. doi: 10.1002/aqc [KW: **Annelida, Arthropoda, Bryozoa, Chlorophyta, Cnidaria, Ctenophora, Myzozoa (Dinophyceae), Mollusca, Ochrophyta, Rhodophyta, Vertebrata, marine, Species List, NIS**]
- Corsini-Foka M, Zenetos A, Crocetta F, Çınar ME, Koçak F, Golani D, Katsanevakis S, Tsiamis K, Cook E, Froglija C, Triandaphyllou M, Lakkis S, Kondylatos G, Tricarico E, Zuljevic A, Almeida M, Cardigos F, Çağlar S, Durucan F, Fernandes AMD, Ferrario J, Haberle I, Louizidou P, Makris J, Marić M, Micu D, Mifsud C, Nall C, Kytinou E, Poursanidis D, Spigoli D, Stasolla G, Yapici S, Roy HE (2015) Inventory of alien and

- cryptogenic species of the Dodecanese (Aegean Sea, Greece): collaboration through COST action training school. *Management of Biological Invasions* 6(2): 351–366. [KW: **Annelida, Bryozoa, Chlorophyta, Mollusca, Vertebrata, marine, NIS**]
- Costa A, Poletti R, **Giacobbe MG**, Croci L, Lanni L, Soprano V, Vivaldi B, Bertasi B, Di Taranto A, Virgilio S, Mioni R, Orletti R (2014) Algal toxins contaminating water and fish products of Italian fresh and marine waters: monitoring, characterization and study of innovative methods. Progetto RF–IZI–2008–1139874 Istituto Zooprofilattico Sperimentale della Sicilia – Ministero della Salute, Final Report, 23 Settembre 2014, 104 pp. [KW: **Cyanobacteria, Myxozoa (Dinophyceae), marine, freshwaters**]
- Cristo B, **Loru L**, Sassu A, **Pantaleoni RA** (2006) The Asian tiger mosquito again in Sardinia. *Bullettin of Insectology* 59 (2): 161–162. [KW: **Hexapoda (Diptera), terrestrial, NIS**]
- Cucato M, De Vecchi Gp, Mozzi P, Abbà T, Paiero G, Sedea R with the contribution of **Asioli A**, Fabbri P, Miola A, Monopoli B, Piovan S, Pola M, Schiavon E, Stefani C, Toffoletto F, Vorlicek P, Zampieri D (2012) *Note Illustrative della Carta Geologica d'Italia alla scala 1:50.000 foglio 147 Padova Sud*. [KW: **Foraminifera, paleo, marine, Species List**]
- Cuesta JA, Bettoso N, Comisso G, **Frogliia C**, Mazza G, Rinaldi A, Rodríguez A, Scovacicchi T (2014) Record of an established population of *Palaemon macrodactylus* Rathbun, 1902 (Decapoda, Palaemonidae) in the Mediterranean Sea: confirming a prediction. *Mediterranean Marine Science* 15(3): 569–573. [KW: **Crustacea (Decapoda), marine, NIS**]
- Curini-Galletti M, Artois T, Delogu V, De Smet WH, **Fontaneto D**, Jondelius U, Leasi F, **Martínez A**, Meyer-Wachsmuth I, Nilsson KS, Tongiorgi P, Worsaae K, Todaro MA (2012) Patterns of diversity in soft-bodied meiofauna: dispersal ability and body size matter. *PLoS ONE* 7(3): e33801. [KW: **Acoelomorpha (Acoela, Nemertodermatida), Gastrotricha, Platyhelminthes, Rotifera, marine, Species List**]
- Curto MG, **Pantaleoni RA** (1987) Note sui Myrmeleonidae (Neur. *Planipennia*) raccolti in oliveti del Salento (Italia meridionale). *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 42: 205–217. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Curzi P, D'Onofrio S, Roveri M, **Taviani M** (1984) Core ADS 74-24: a window on the latest Quaternary history of the Adriatic Sea. *Giornale di Geologia* 46(2): 61–77 [KW: **Foraminifera, Mollusca, paleo, marine**]
- Dal Bello M, Leclerc J-C, Benedetti-Cecchi L, Arvanitidis C, van Avesaath P, Bachelet G, Bojanic N, **Como S, Coppa S**, Crowe T, Degraer S, Espinosa F, Faulwetter S, Frost M, Guinda X, Ikaunieca A, Jankowska E, Jourde J, Kerckhof F, Kotta J, Lavesque N, **de Lucia A, Magni P**, de Matos VKF, Orav-Kotta H, Pavludi C, Pedrotti ML, Peleg O, de la Pena JAJ, Puente A, Ribeiro P, Rilov G, Rousou M, Ruginis T, Ruzafa A, Silva T, Simon N, Sousa-Pinto I, Troncoso J, Warzocha J, Weslawski JM, Hummel H (2016) Consistent patterns of spatial variability between Atlantic and Mediterranean rocky shores. *Journal of the Marine Biological Association of the United Kingdom*: (in press) DOI: 10.1017/S0025315416001491 [KW: **Arthropoda, Chlorophyta, Mollusca, Ochrophyta, Rhodophyta, marine**]
- Danovaro R, Corinaldesi C, D'Onghia G, Galil B, Gambi C, Gooday AJ, Lampadariou N, **Luna GM**, Morigi C, Olu K, Polymenakou P, Ramirez-Llodra E, Sabbatini A, Sardà F, Sibuet M, Tselepides A (2010) Deep-sea biodiversity in the Mediterranean Sea:

- the known, the unknown, and the unknowable. *Plos One* 5(8): e11832. [KW: **Arthropoda, Mollusca, marine, Species List**]
- Decembrini F, **Caroppo C**, Azzaro M (2009) Size structure and production of phytoplankton community and carbon pathways channelling in the southern Tyrrhenian sea (Western Mediterranean). *Deep Sea Research Part II: Topical Studies in Oceanography* 56: 687–699. [KW: **Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List**]
- Dell'Angelo B, Gallorini H, **Taviani M** (2003) First Neogene record of an articulated polyplacophoran. *Journal of Paleontology* 77(6): 1193–1194. [KW: **Mollusca (Polyplacophora), paleo, marine**]
- Della Valle D, **Messana G** (2007) Le acque sotterranee e la Biodiversità degli artropodi. In: Scapini F (ed) *Il Parco Regionale della Maremma. Una Guida per Conoscere e Capire*. PRM, Grosseto: 113–120. [KW: **Crustacea (Amphipoda, Copepoda, Diplostraca, Isopoda, Ostracoda), Hexapoda (Diptera, Ephemeroptera, Plecoptera, Trichoptera), Mollusca, Nematoda, freshwater, Species List**]
- De Marzo L, **Pantaleoni RA** (1993) Sulla presenza in Italia di *Aleuropteryx juniperi* Ohm e *Semidalis pseudouncinata* Meinander (*Neuroptera Coniopterygidae*), predatori oligofagi di Coccoidei delle Cupressacee. In: Istituto Sperimentale di Patologia Vegetale (ed) *MAF Convegno Lotta Biologica*, Acireale 1991, Roma: 107–111. [KW: **Hexapoda (Neuroptera), terrestrial**]
- De Marzo L, **Pantaleoni RA** (1998) Due Coniopterigidi predatori di Cocciniglie del Cipresso. *Informatore Fitopatologico* 48: 11–14. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Deval MC, Kaya Y, Güven O, Gökoglu M, **Froglià C** (2010) An unexpected find of the western Atlantic shrimp, *Farfantepenaeus aztecus* (Ives, 1891) (Decapoda, Penaeidae) in Antalya bay, eastern Mediterranean Sea. *Crustaceana* 83(12): 1531–1537. [KW: **Crustacea (Decapoda), marine, NIS**]
- Deval MC, **Froglià C** (2016) Notes on Crustacea Decapoda of bathyal trawling grounds of the Gulf of Antalya (Turkish Mediterranean Sea), with new records for the region. *Zoology in the Middle East* 62(4): 323–330. [KW: **Crustacea (Decapoda), marine**]
- Di Leonardo R, Bellanca A, **Capotondi L**, Cundy A, Neri R (2007) Possible impacts of Hg and PAH contamination on benthic foraminiferal assemblages: an example from the Sicilian coast, Central Mediterranean. *Science of the Total Environment* 388: 168–183. doi:10.1016/j.scitotenv.2007.08.009. [KW: **Foraminifera, marine**]
- Di Lorenzo T**, Cifoni M, Lombardo P, Fiasca B, Galassi DMP (2015) Ammonium threshold value for groundwater quality in the EU may not protect groundwater fauna: evidence from an alluvial aquifer in Italy. *Hydrobiologia* 743:139–150. [KW: **Crustacea (Copepoda), freshwater, Species List**]
- Di Lorenzo T**, Cipriani D, Bono P, Rossini L, De Laurentiis P, Fiasca B, Pantani C, Galassi DMP (2005) Dynamics of groundwater copepod assemblages from the Mazzoccolo karstic spring (central Italy). *Meiofauna Marina* 14: 97–103. [KW: **Crustacea (Copepoda), freshwater, Species List**]
- Di Lorenzo T**, Galassi DMP (2013) Agricultural impact in Mediterranean alluvial aquifers: do groundwater communities respond? *Fundamental and Applied Limnology* 182: 271–282. [KW: **Crustacea (Copepoda), freshwater, Species List**]
- Di Lorenzo T**, Stoch F, Galassi DMP (2013) Incorporating the hyporheic zone within the river discontinuum: Longitudinal patterns of subsurface copepod assemblages in an

- Alpine stream. *Limnologica* 43: 288–296. **[KW: Crustacea (Copepoda), freshwater, Species List]**
- Di Sabatino A, **Boggero A**, Cicolani B, Miccoli FP (2004) Diversity, distribution and ecology of water mites (Acari: Hydrachnidia and HalChelicerata (Acariformes)dae) in high Alpine lakes (central Alps, Italy). *Experimental and Applied Acarology* 34: 199–210. **[KW: Chelicerata (Acariformes), freshwater, Species List]**
- Di Sabatino A, Cicolani B, **Messana G** (1996) The ecological role of water mites (Acari, Hydrachnidia and Halacaridae) in hyporheic habitat of a small appeninian stream. *S.i.T.E. Ecologia. Atti del Settimo Congresso Nazionale della Società Italiana di Ecologia* (Napoli, 11–14 settembre), 17: 479–482. https://drive.google.com/open?id=0B4ELDkiCL_uUEdkcXUya2Vwbmc **[KW: Chelicerata (Acariformes), freshwater, Species List]**
- Di Stefano E, Agate M, Incarbona A, Russo F, Sprovieri R, **Bonomo S** (2012) Late Quaternary high uplift rates in northeastern Sicily: Evidence from calcareous nannofossils and benthic and planktonic foraminifera. *Facies* 58(1): 1–15. **[KW: Foraminifera, Haptophyta (Coccolithophyceae), paleo, marine, Species List]**
- Di Stefano E, **Bonomo S**, Caruso A, Dinares–Turell J, Foresi LM, Salvatorini G, Sprovieri R (2002) Calcareous plankton bio–events in the Miocene Case Pelacani section (Southeastern Sicily, Italy). *Rivista Italiana di Paleontologia e Stratigrafia* 108(2): 307–323. **[KW: Haptophyta (Coccolithophyceae), paleo, marine, Species List]**
- Di Stefano E, **Bonomo S**, Incarbona A (2004) The Holocene marine depositional event in the historical centre of Palermo. *Alpine and Mediterranean Quaternary* 17(1–2): 285–291. **[KW: Haptophyta (Coccolithophyceae), paleo, marine, Species List]**
- Di Stefano E, Capraro L, Incarbona A, Massari F, Sprovieri R, **Bonomo S** (2011) Calcareous Nannofossil and Planktonic Foraminifera Biostratigraphy of selected Piacenzian–Gelasian Laminites from Southern Italy. *Italian Journal of Geosciences* 130(3): 343–351. **[KW: Foraminifera, Haptophyta (Coccolithophyceae), paleo, marine, Species List]**
- Donnici S**, Serandrei-Barbero R, Bonardi M, Sperle M (2012) Benthic foraminifera as proxies of pollution: The case of Guanabara Bay (Brazil). *Marine Pollution Bulletin* 64: 2015–2028. **[KW: Foraminifera, transitional waters, Species List]**
- Donnici S**, Serandrei-Barbero R, Taroni G (1997) Living Benthic Foraminifera in the Lagoon of Venice (Italy): population dynamics and its significance. *Micropaleontology* 43(4): 440–454. **[KW: Foraminifera, transitional waters, Species List]**
- Donnici S**, Serandrei-Barbero R (2002) The benthic foraminiferal communities of the North Adriatic continental shelf. *Marine Micropaleontology* 44(3–4): 93–123. **[KW: Foraminifera, marine, Species List]**
- Donnici S**, Serandrei-Barbero R (2005) I foraminiferi di ambiente vallivo della Laguna di Venezia. *Lavori Società Veneziana di Scienze Naturali* 30: 25–36. **[KW: Foraminifera, transitional waters, Species List]**
- Duhamel G, Hulley PA, Causse R, Koubbi P, **Vacchi M**, Pruvost P, Vigetta S, Irisson JO, Mormède S, Belchier M, Dettai A, Detrich HW, Gutt J, Jones CD, Kock KH, Lopez Abellan LJ, Van de Putte AP (2014) Biogeographic patterns of fish. In: De Broyer C, Koubbi P, Griffiths HJ, Raymond B, Udekem d’Acoz C d’, et al (eds) *Biogeographic Atlas of the Southern Ocean*. Scientific Committee on Antarctic Research, Cambridge, pp. 328–362. **[KW: Vertebrata, marine, Species List]**

- Dumnicka E, **Boggero A** (2007) Freshwater Oligochaeta in two mountain ranges in Europe: the Tatra Mountains (Poland) and the Alps (Italy). *Archiv fuer Hydrobiologie* 168: 231–242. [KW: **Annelida (Oligochaeta), freshwater, Species List**]
- Dumnicka E, Steingruber S, Colombo L, Zaupa S, **Boggero A** (2015) Oligochaete assemblages of Swiss Alpine lakes. *Italian Journal of Zoology* 82: 112–123. [KW: **Annelida (Oligochaeta), freshwater, Species List**]
- D'Adamo R, **Cecere E**, Fabbrocini A, **Petrocelli A**, Sfriso A (2009) The Lagoons of Lesina and Varano. In: Cecere E, Petrocelli A, Izzo G, Sfriso A (eds) *Flora and Vegetation of the Italian Transitional Water Systems*. CoRiLa, Stampa Multigraf Spinea, Venezia: pp. 159–171. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List**]
- Esu D, **Taviani M** (1989) Oligohaline mollusc faunas of the Colombacci Formation (upper Messinian) from an exceptional fossil vertebrate site in the Romagna Apennines: Monticino Quarry (Brisighella, N Italy). *Bollettino della Società Paleontologica Italiana* 28(2–3): 265–270. [KW: **Mollusca, paleo, freshwater**]
- Fabi G, **Grati F**, Lucchetti A, Trovarelli L (2002) Evolution of the fish assemblage around a gas platform in the northern Adriatic Sea. *ICES Journal of Marine Science* 59: 309–315. [KW: **Vertebrata, marine, Species List**]
- Fabi G, **Grati F**, Puletti M, Scarcella G (2004) Effects on fish community induced by installation of two gas platforms in the Adriatic Sea. *Marine Ecology Progress Series* 273: 187–197. [KW: **Vertebrata, marine, Species List**]
- Fabi G, **Panfili M**, Solustri C, **Spagnolo A** (2001) Osservazioni sulla fauna bentonica rinvenuta nelle gallerie scavate da *Pholas dactylus* (Bivalvia, Pholadidae) in substrati artificiali. *Biologia Marina Mediterranea* 8(1): 271–274. [KW: **Annelida (Polychaeta), Crustacea, Mollusca, marine**]
- Falace A, Alongi G, Cormaci M, Furnari G, Curiel D, **Cecere E**, **Petrocelli A** (2010) Changes in the benthic algae along the Adriatic Sea in the last three decades. *Chemistry and Ecology* 26(S): 77–90. [KW: **Chlorophyta, Ochrophyta, Rhodophyta, marine**]
- Ferrara F, **Taiti S** (1979) A check-list of terrestrial isopods from Africa (south of the Sahara). *Monitore Zoologico Italiano* S12(1): 89–215. [KW: **Crustacea (Isopoda), terrestrial, Species List**]
- Ferrara F, **Taiti S** (1998) Biogeography of the Oniscidean fauna of Somalia. *Israel Journal of Zoology* 44: 283–290. [KW: **Crustacea (Isopoda), terrestrial, Species List**]
- Ferraro L**, Alberico I, Angelino A, Anzalone E, **Bonomo S**, Budillon F, Cascella A, Cavuoto G, Capodanno M, Di Fiore V, Di Martino G, Evangelista L, Ferraro R, Gherardi S, Giordano L, Iavarone M, Iengo A, Innangi S, Lirer F, Marsella E, Migliaccio R, Molisso F, Pelosi N, Punzo M, Rumolo P, Scotto di Vettimo P, Tamburrino S, Tarallo D, Tonielli R, Vallefucio M (2016) Studio integrato di un'area marino-costiera: la foce del fiume Volturno. In: Project Report. IAMC–CNR, Italia. CNR-SOLAR N° reg. 7029BC2016. [KW: **Haptophyta (Coccolithophyceae), Foraminifera, marine**]
- Ferraro L**, Alberico I, Lirer F, Vallefucio M (2012) Distribution of benthic foraminifera from the southern Tyrrhenian continental shelf (South Italy) *Rendiconti Fisici Accademia Lincei* 23(1): 103–119. [KW: **Foraminifera, marine, Species List**]
- Ferraro L**, Correggia C, Russo B, Anzalone E (2014) Lo studio delle associazioni a foraminiferi bentonici per la valutazione dello stato di inquinamento dell'ambiente marino: un esempio dall'Area Marina Protetta di Punta Campanella (Tirreno

- Meridionale). In: Technical Report. IAMC, Napoli. CNR-SOLAR N° reg. 5235TR2014. **[KW: Foraminifera, marine]**
- Ferraro L**, Correggia C, Russo B, Lirer F, **Bonomo S**, Cascella A (2014) I foraminiferi bentonici come strumento per il monitoraggio ambientale: la Foce del Fiume Volturno (Golfo di Gaeta, Mar Tirreno centrale). In: Technical Report. IAMC, Napoli. CNR-SOLAR identification code: 5110TR2014. **[KW: Haptophyta (Coccolithophyceae), Foraminifera, marine]**
- Ferraro L**, Molisso F (2000) Sedimentological and paleontological features of sea floor sediments of Penta Palummo and Miseno volcanic highs, Gulf of Naples (South-eastern Tyrrhenian Sea). *Rendiconti Accademia dei Lincei* 11(1):59–67. **[KW: Foraminifera, paleo, marine, Species List]**
- Ferraro L**, **Rubino F**, **Belmonte M**, Da Prato S, Greco M, Frontalini F (2016) A Multidisciplinary approach to study confined marine basins: the holobenthic and merobenthic assemblages in the Mar Piccolo of Taranto (Ionian Sea, Mediterranean). *Marine Biodiversity* (in press) DOI: 10.1007/s12526-016-0523-0. **[KW: Crustacea (Ostracoda), Foraminifera, Myzozoa (Dinophyceae), marine, Species List]**
- Ferraro L**, Sammartino S, Feo M.L, Rumolo P, Manta DS, Marsella E, Sprovieri M (2009) Utility of benthic foraminifera for biomonitoring of contamination in marine sediments: A case study from the Naples harbour (Southern Italy). *Journal of Environmental Monitoring* 11(6): 1226–1235. **[KW: Foraminifera, marine, Species List]**
- Ferraro L**, Sprovieri, M, Alberico I, Lirer F, Prevedello L, Marsella E (2006) Benthic foraminifera and heavy metals distribution: A case study from the Naples Harbour (Tyrrhenian Sea, Southern Italy). *Environmental Pollution* 142(2): 274–287. **[KW: Foraminifera, marine, Species List]**
- Ferreri D, Inguscio S, **Prato E** (1996) Contributo alla conoscenza degli anfipodi acquatici della provincia di Lecce. *Thalassia Salentina* 22: 27–39. **[KW: Crustacea (Amphipoda), marine, Species List]**
- Fiorentino F, **Massi D**, Zava B (2016) A new arrival of a circumtropical species in the Mediterranean: the Keeltail pomfret *Taractes rubescens* (Jordan & Evermann, 1887) (Pisces: Bramidae). In Collective Article: Karachle PK, Angelidis A, Apostolopoulos G, Ayas D, Ballesteros M, Bonnici C, Brodersen MM, Castriota L, Chalari N, Cottalorda JM, Crocetta F, Deidun A, Dodo Z, Dogrammatzi A, Dulcic J, Fiorentino F, Gonulal O, Harmelin JG, Insacco G, Izquierdo-Gomez D, Izquierdo-Munoz A, Joksimovic A, Kavadas S, Malaquias MAE, Madrenas E, Massi D, Micarelli P, Minchin D, Onal U, Ovalis P, Poursanidis D, Siapatis A, Sperone E, Spinelli A, Stamouli C, Tiralongo F, Tuncer S, Yaglioglu D, Zava B, Zenetos A New Mediterranean Biodiversity Records. *Mediterranean Marine Science* 17(1): 237–238. DOI: 10.12681/mms.1684. **[KW: Vertebrata (Perciformes), marine, NIS]**
- Fjellheim A, Raddum GG, Vandvik V, Cogalniceanu D, Bitusik P, **Boggero A**, Brancelj A, Dumnicka E, Galas J, Gâldean N, Kownacki A, Preda E, Rîsnoveanu G, Sporka F, Stuchlik E, Vidinova Y (2009) Diversity and distribution patterns of benthic invertebrates along alpine gradients. A study of remote European freshwater lakes. *Advances in Limnology* 62: 167–190. **[KW: Annelida, Chelicerata (Acariformes), Crustacea (Amphipoda), Hexapoda (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Megaloptera, Plecoptera, Trichoptera), Mollusca (Bivalvia, Gastropoda), Platyhelminthes, freshwater, Species List]**
- Fontana A, Bondesan A, Meneghel M, Toffoletto F, Vitturi A, Bassan V, with the contribution of Zanferrari A, Campana R, Conchetto E, Correggiari A, Mazzuccato A, Paiero G,

- Avigliano R, **Asioli A**, Lubiani A, Massari F, Miola A, Montenegro ME, Pugliese N, Stefani C, Peruzza L, Zangheri P, Fingolo M, Gennari V (2012) Note Illustrative della *Carta Geologica d'Italia alla scala 1:50.000 foglio 107 Portogruaro*. [KW: **Foraminifera, paleo, marine, Species List**]
- Fontaneto D**, Ambrosini R (2010) Spatial niche partitioning in epibiont rotifers on the waterlouse *Asellus aquaticus*. *Limnology and Oceanography* 55: 1327–1337. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Barbosa AM, Segers H, Pautasso M (2012) The 'rotiferologist' effect and other global correlates of species richness in monogonont rotifers. *Ecography* 35: 174–182. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, De Smet WH, Ricci C (2006) Rotifers in saltwater environments, re-evaluation of an inconspicuous taxon. *Journal of the Marine Biological Association of the United Kingdom* 86: 623–656. [KW: **Rotifera, marine**]
- Fontaneto D**, Ficetola GF, Ambrosini R, Ricci C (2006) Patterns of diversity in microscopic animals: are they comparable to those in protists or in larger animals? *Global Ecology and Biogeography* 15: 153–162. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Herniou EA, Barraclough TG, Ricci C (2007) On the global distribution of microscopic animals: new worldwide data on bdelloid rotifers. *Zoological Studies* 46: 336–346. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Iakovenko N, De Smet WH (2015) Diversity gradients of rotifer species richness in Antarctica. *Hydrobiologia* 761: 235–248. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Melone G, Ricci C (2004) Structure of bdelloid rotifer meta-communities in two alpine streams. *Acta Biologica, Studi Trentini di Scienze Naturali* 80: 23–26. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Melone G, Ricci C (2005) Connectivity and nestedness of the meta-community structure of moss dwelling bdelloid rotifers along a stream. *Hydrobiologia* 542: 131–136. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Melone G, Ricci C (2008) Rotifera. In: Relini G (ed) Checklist of the Italian Marine Fauna. *Biologia Marina Mediterranea* 15(S): 181–183. [KW: **Rotifera, marine, Species List**]
- Fontaneto D**, Melone G (2003) On some rotifers new for the Italian fauna. *Italian Journal of Zoology* 70: 253–259. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Ricci C (2006) Spatial gradients in species diversity of microscopic animals: the case of bdelloid rotifers at high altitude. *Journal of Biogeography* 33: 1305–1313. [KW: **Rotifera, freshwater, Species List**]
- Fontaneto D**, Westberg M, Hortal J (2011) Evidence of weak habitat specialisation in microscopic animals. *PLoS ONE* 6(8): e23969. [KW: **Rotifera, freshwater, Species List**]
- Foresi LM, **Bonomo S**, Caruso A, Di Enrico E, Salvatorini G, Sprovieri R (2002) Calcareous plankton high resolution biostratigraphy (foraminifera and nannofossils) of the uppermost Langhian–lower Serravallian Ras il–Pellegrin section (Malta). *Rivista Italiana di Paleontologia e Stratigrafia* 108(2): 195–210. [KW: **Foraminifera, Haptophyta (Coccolithophyceae), paleo, marine**]
- Foresi LM, **Bonomo S**, Caruso A, Di Stefano A, Di Stefano E, Iaccarino SM, Lirer F, Mazzei R, Salvatorini G, Sprovieri R (2002) High resolution calcareous plankton biostratigraphy of the Serravallian succession of the Tremiti Islands (Adriatic Sea,

- Italy). *Rivista Italiana di Paleontologia e Stratigrafia* 108(2): 257–273. [KW: **Foraminifera, Haptophyta (Coccolithophyceae), paleo, marine**]
- Foresi LM, Verducci M, Baldassini N, Lirer F, Mazzei R, Gianfranco S, **Ferraro L**, Da Prato S (2011) Integrated stratigraphy of St. Peter's Pool section (Malta): New age for the Upper Globigerina Limestone member and progress towards the Langhian GSSP. *Stratigraphy* 8(2–3): 125–143. [KW: **Foraminifera, paleo, marine, Species List**]
- Forlì M, Dell'Angelo B, **Taviani M** (1999) Molluschi del Pliocene inferiore toscano: la sezione Montenero (Grosseto). *Bollettino Malacologico* 33: 109–122. [KW: **Mollusca (Gastropoda), paleo, marine, Species List**]
- Freiwald A, Beuck L, Rüggeberg A, **Taviani M**, Hebbeln D (2009) The white coral community in the central Mediterranean Sea revealed by ROV surveys. *Oceanography* (Washington DC) 22(1): 58–74. [KW: **Cnidaria, marine**]
- Froglià C** (1972) Segnalazione di alcuni crostacei nuovi o rari per l'Adriatico. *Quaderni Laboratorio Tecnologia Pesca* 1(3): 43–52. [KW: **Crustacea (Decapoda), marine**]
- Froglià C** (1975) Preliminary report on the Crustacea Decapoda of Adriatic deep waters. *Thalassia Jugoslavica* 8(1)[1972]: 75–79. [KW: **Crustacea (Decapoda), marine**]
- Froglià C** (1975) Segnalazione di *Pseudothyone sculponea* Cherbonnier nell'Adriatico (Echinodermata, Holothuroidea). *Annali Museo Civico Storia Naturale Genova* 80: 259–262. [KW: **Echinodermata (Holothuroidea), marine**]
- Froglià C** (1975) The occurrence of *Automate branchialis* Holthuis and Gottlieb (Decapoda, Alpheidae) in the Adriatic Sea. *Crustaceana* 29(3): 308–309. [KW: **Crustacea (Decapoda), marine**]
- Froglià C** (1976) The occurrence of *Philocheras monachantus* (Holthuis) and *Brachynotus foresti* (Zariquiey Alvarez) in the Adriatic Sea. *Atti Museo Civico Storia Naturale, Trieste* 29(3): 171–174. [KW: **Crustacea (Decapoda), marine**]
- Froglià C** (1979) Segnalazione di alcuni Crostacei nuovi per la fauna adriatica. *Quaderni Laboratorio Tecnologia Pesca* 2(4): 191–196. [KW: **Crustacea (Decapoda), marine**]
- Froglià C** (1992) Stomatopod crustacea of the Ligurian sea. *Doriana* 6(275): 1–10. [KW: **Crustacea (Stomatopoda), marine**]
- Froglià C** (1995) Crustacea Malacostraca III. (Decapoda). In: Minelli A, Ruffo S, La Posta S (eds) *Checklist delle specie della fauna italiana*, 31. Calderini Bologna. [KW: **Crustacea (Decapoda), marine, freshwater, Species List**]
- Froglià C** (2002) The Italian biological research in the Red Sea, an historical overview. *Biologia Marina Mediterranea* 8(1): 39–75. [KW: **Annelida, Chlorophyta, Cnidaria, Crustacea, Cyanobacteria, Echinodermata, Mollusca, Ochrophyta, Rhodophyta, Vertebrata, marine, Species List**]
- Froglià C** (2010) Crustacea, Hoplocarida, Stomatopoda. In: Relini G (ed) Checklist della flora e della fauna dei mari italiani (Parte II). *Biologia Marina Mediterranea* 17(S1): 472–473. [KW: **Crustacea (Stomatopoda), marine, Species List**]
- Froglià C** (2010) Crustacea, Malacostraca, Decapoda. In: Relini G (ed) Checklist della flora e della fauna dei mari italiani (Parte II). *Biologia Marina Mediterranea* 17(S1): 519–534. [KW: **Crustacea (Decapoda), marine, Species List**]
- Froglià C** (2010) Crustacea, Phyllocarida, Leptostraca. In: Relini G (ed) Checklist della flora e della fauna dei mari italiani (Parte II). *Biologia Marina Mediterranea* 17(S1): 472. [KW: **Crustacea (Leptostraca), marine, Species List**]

- Frogliia C** (2012) First record of *Charybdis japonica* (Crustacea: Decapoda: Portunidae) in the Mediterranean Sea. *Marine Biodiversity Records* 5(e33): 1–3. [KW: **Crustacea (Decapoda), marine, NIS**]
- Frogliia C**, Argenti L (1993) *Athanas amazone* Holthuis, 1951, first record for the Italian Seas. (Crustacea, Decapoda, Alpheidae). *Bios, Scientific Annals of the School of Biology* 1(1): 201–205. [KW: **Crustacea (Decapoda), marine**]
- Frogliia C**, Deval MC (2014) First record of an exotic hippolytid shrimp in the eastern Mediterranean Sea. *Mediterranean Marine Science* 15(1): 168–171. [KW: **Crustacea (Decapoda), marine, NIS**]
- Frogliia C**, Giannini S (1984) Pelagic shrimps of the Adriatic Sea (Crustacea Decapoda Natantia). *Atti Societa' Italiana di Scienze Naturali e Museo Civico di Storia Naturale Milano* 125(1–2): 49–60. [KW: **Crustacea (Decapoda), marine**]
- Frogliia C**, Gramitto ME (1995) Crustacea Decapoda assemblage of the Western Pomo pit: I. Specific composition. *Rapport Commission internationale Mer Méditerranée* 34: 29. [KW: **Crustacea (Decapoda), marine**]
- Frogliia C**, Krapp T, Ruffo S (2003) Bathyal Amphipods from Fossa di Pomo and adjacent trawling grounds (Adriatic Sea). *Bollettino del Museo Civico di Storia Naturale di Verona* 27: 13–22. [KW: **Crustacea (Amphipoda), marine**]
- Frogliia C**, La Posta S, Mariniello L, Ruffo S (1995) *Crustacea Malacostraca I. (Phyllocarida, Hoplocarida, Bathynellacea, Thermosbaenacea, Mysidacea, Cumacea)*. In: Minelli A, Ruffo S & La Posta S (eds) *Checklist delle specie della fauna italiana*, 29. Calderini Bologna. [KW: **Crustacea (Stomatopoda, Leptostraca), marine, Species List**]
- Frogliia C**, Marchini A (2014) Considerazioni sulla diffusione di Crostacei Decapodi alieni nei mari italiani. *Biologia Marina Mediterranea* 21(1): 34–36. [KW: **Crustacea (Decapoda), marine, NIS**]
- Frogliia C**, Mura M, Bonfitto A (2002) First record of *Munidopsis acutispina* Benedict, 1902 (Decapoda, Anomura, Galatheidae) in the Mediterranean Sea. *Crustaceana* 75(3–4): 375–382. [KW: **Crustacea (Decapoda), marine**]
- Frogliia C**, Silvestri R, Serena F (2012) First record of *Panulirus regius* (Decapoda: Palinuridae) in the Italian seas, with remarks on the earlier Mediterranean records. *Marine Biodiversity Records* 5(e31): 1–4. [KW: **Crustacea (Decapoda), marine**]
- Frogliia C**, Speranza S (1993) First record of *Dyspanopeus sayi* (Smith, 1869) in the Mediterranean Sea (Crustacea: Decapoda: Xanthidae). *Quaderni Istituto Ricerche Pesca Marittima* 5(2): 163–166. [KW: **Crustacea (Decapoda), marine, NIS**]
- Frogliia C**, Ungaro N (2001) An unusual new record of *Typhlocaris salentina* (Caroli, 1923) (Decapoda: Typhlocarididae) from subterranean water of Apulia (Southern Italy). *Atti Societa' Italiana di Scienze Naturali e Museo Civico di Storia Naturale Milano* 142(1): 103–108. [KW: **Crustacea (Decapoda), freshwater**]
- Füreder L, Ettinger R, **Boggero A**, Thaler B, Thies H (2006) Macroinvertebrate diversity in Alpine lakes: effects of altitude and catchment properties. *Hydrobiologia* 562: 123–144. [KW: **Annelida, Chelicerata (Acariformes), Crustacea (Amphipoda), Mollusca (Bivalvia, Gastropoda), Hexapoda (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Plecoptera, Trichoptera), Platyhelminthes, freshwater, Species List**]
- Gabaldon C, **Fontaneto D**, Montero-Pau J, Carmona MJ, Serra M (2017) Ecological differentiation in cryptic rotifer species: what we can learn from the *Brachionus plicatilis* complex. *Hydrobiologia* (in press) [KW: **Rotifera, marine, Species List**]

- Galassi DMP, Fiasca B, **Di Lorenzo T**, Montanari A, Porfirio S, Fattorini S (2016) Groundwater biodiversity in a chemoautotrophic cave ecosystem: how geochemistry regulates microcrustacean community structure. *Aquatic Ecology* (in press) **[KW: Crustacea (Copepoda), freshwater, Species List]**
- Galassi DMP, Lombardo P, Fiasca B, Di Cioccio A, **Di Lorenzo T**, Petitta M, Di Carlo P (2014) Earthquakes trigger the loss of groundwater biodiversity. *Scientific Reports* 4: 6273. **[KW: Crustacea (Copepoda), freshwater, Species List]**
- Galassi DMP, Stoch F, Fiasca B, **Di Lorenzo T**, Gattone E (2009) Groundwater biodiversity patterns in the Lessinian Massif of northern Italy. *Freshwater Biology* 54: 830–847. **[KW: Crustacea (Copepoda), freshwater, Species List]**
- Galil B, **Frogliola C**, Noël P (2002) Crustaceans: decapods and stomatopods. In: Briand F (ed) *CIESM Atlas of exotic species in the Mediterranean* 2: 192 pp. **[KW: Crustacea (Decapoda), marine, NIS]**
- Galil BS, **Frogliola C**, Noël P (2015) Looking Back, Looking Ahead: The CIESM Atlas, Crustaceans. *Management of Biological Invasions* 6(2): 171–175. **[KW: Crustacea (Decapoda), marine, NIS]**
- Gambi MC, Musco L, Giangrande A, **Badalamenti F**, Micheli F, Kroeker KJ (2016) Distribution and functional traits of polychaetes in a CO₂ vent system: winners and losers among closely related species. *Marine Ecology Progress Series* 550: 121–134. **[KW: Annelida (Polychaeta), marine, Species List]**
- Gambi MC, **Vasapollo C**, Fauchald K (2008) Taxonomic status, abundance pattern and distribution of *Lysidice* and *Nematonereis* species (Polychaeta, Eunicidae) in the Western Caribbean Sea. *CCRE Reports* 2007–2008, pp. 13–15. **[KW: Annelida (Polychaeta), marine]**
- Gangemi E, **Giacobbe MG**, Fraga S (2006) Il complesso delle specie ciguateriche nelle Lagune di Capo Peloro (Messina, Sicilia). *Biologia Marina Mediterranea* 13: 979–983. **[KW: Myzozoa (Dinophyceae), transitional waters]**
- Gennari R, Manzi V, **Angeletti L**, Bertini A, Biffi U, **Ceregato A**, Faranda C, Gliozzi E, Lugli S, Menichetti E, Rosso A, Roveri M, **Taviani M** (2013) A shallow water record of the onset of the Messinian salinity crisis in the Adriatic foredeep (Legnagnone section, Northern Apennines). *Palaeogeography, Palaeoclimatology, Palaeoecology* 386(15): 145–164. **[KW: Mollusca, Crustacea, paleo, marine, Species List]**
- Gerovasileiou V, **Martínez A**, Álvarez F, Boxshall G, Humphreys WF, Jaume D, Becking LE, Muricy G, van Hengstrum PJ, Dekeyser S, Decock W, Vanhoorne B, Vandepitte L, Bailly N, Iliffe TM (2016) World Register of Cave Species (WoRCS): a new Thematic Species Database from marine cave biodiversity. *Research Ideas and Outcomes* (in press) **[KW: cave fauna, marine, database]**
- Gherardi F, Bertolino S, Bodon M, Casellato S, Cianfanelli S, Ferraguti M, Lori E, Mura G, Nocita A, **Riccardi N**, Rossetti G, Rota E, Scalera R, Zerunian S, Tricarico E (2008) Animal xenodiversity in Italian inland waters: distribution, modes of arrival, and pathways. *Biological Invasions* 10: 435–454. **[KW: Annelida, Arthropoda, Mollusca, Vertebrata, freshwater, NIS]**
- Giacobbe MG**, Costa A, Gangemi E, Penna A, Casabianca S, Borzì S, Riccardi E, Milandri A (2014) Occurrence and toxicity of the PSP–dinoflagellate *Alexandrium catenella* in an Ionian bay of Sicily. *Biologia Marina Mediterranea* 21: 119–120. **[KW: Myzozoa (Dinophyceae), marine, NIS]**

- Giacobbe MG**, Greco S, Maimone G (1993) Distribuzione di dinoflagellate potenzialmente tossiche o dannose nelle acque calabresi (1993). *Biologia Marina Mediterranea* 1: 49–53. [KW: **Myzozoa (Dinophyceae), marine**]
- Giacobbe MG**, Maimone G, Azzaro F (1992) Distribuzione del fitoplancton in un'area salmastra della Sicilia Nord–Orientale. *Plant Biosystems* 126(3–4): 531–547. [KW: **Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae, Chrysophyceae), transitional waters**]
- Giacobbe MG**, Maimone G, Crisafi E (1986) Analisi dei popolamenti fitoplanctonici e batterici di un'area del Golfo di Milazzo (Messina) nella prospettiva di un suo utilizzo in acquacoltura. *Nova Thalassia* 8: 57–79. [KW: **Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine**]
- Giacobbe MG**, Maimone G (1994) First report of *Alexandrium minutum* Halim in a Mediterranean lagoon. *Cryptogamie, Algologie* 15(1): 47–52. [KW: **Myzozoa (Dinophyceae), transitional waters**]
- Giacobbe MG**, Penna A, Gangemi E, Masò M, Garcès E, Fraga S, Bravo I, Azzaro F, Penna N (2007) Recurrent high–biomass blooms of *Alexandrium taylorii* (Dinophyceae), a HAB species expanding in the Mediterranean Sea. *Hydrobiologia* 580: 125–133. [KW: **Myzozoa (Dinophyceae), marine**]
- Giacobbe MG**, Yang X (1999) The life history of *Alexandrium taylorii* (Dinophyceae). *Journal of Phycology* 35: 82–89. [KW: **Myzozoa (Dinophyceae), marine**]
- Giovannelli D**, d'Errico G, Fiorentino F, Fattorini D, Regoli F, **Angeletti L**, Bakran–Petricioli T, Vetriani C, Yucel M, **Taviani M**, Manini E (2016) Diversity and distribution of prokaryotes within a shallow–water pockmark field. *Frontiers in Microbiology* 7(941): 1–21. [KW: **Firmicutes, Gemmanimonadetes, Proteobacteria, Thaumarcheota, marine, Species List**]
- Gippoliti S, **Amori G** (2002) Mammal diversity and taxonomy in Italy: implications for conservation. *Journal for Nature Conservation* 10: 133–143. [KW: **Vertebrata (Mammalia), terrestrial, Species List**]
- Gobbi M, **Fontaneto D**, De Bernardi F (2006) Influence of climate changes on animal communities in space and time: the case of spider assemblages along an alpine glacier foreland. *Global Change Biology* 12: 1985–1992. [KW: **Chelicerata (Araneae), terrestrial, Species List**]
- Gobbi M, **Fontaneto D**, Ferretti G, Groppali R (2005) I Coleotteri Carabidi (Arthropoda, Insecta) dell'area SIC della Lanca di Soltarico (Parco regionale Adda sud, Lombardia). *Pianura* 19: 107–119. [KW: **Hexapoda (Coleoptera), terrestrial, Species List**]
- Gobbi M, **Fontaneto D**, Guidali F (2005) I Coleotteri Carabidi (Arthropoda, Insecta) dell'area SIC della Lanca di Soltarico (Parco regionale Adda sud, Lombardia). *Annali del Museo Civico di Storia Naturale di Ferrara* 6: 3–11. [KW: **Hexapoda (Coleoptera), terrestrial, Species List**]
- Gomez B, Giusberti, Roghi G, **Chiari M**, Daviero-Gomez V, Ewin T (2015) Cretaceous conifers and angiosperms from the Bonarelli Level; Reassessment of Massalongo's plant fossil collections of Monte Colle, Lessini Mountains, northern Italy. *Cretaceous Researches* 52: 179–193. [KW: **Radiozoa (Radiolaria), paleo, marine**]
- Gramitto ME, **Frogliola C** (1983) Fishes of the genus *Epigonus* collected by the R/V "S. LoBianco" in the Southern Adriatic and the Tyrrhenian sea (Osteichthyes:

- Apogonidae). *Rapport Commission internationale Mer Méditerranée* 28(5): 103–106. **[KW: Vertebrata (Perciformes), marine]**
- Granata A, Cubeta A, Guglielmo L, Sidoti O, Greco S, **Vacchi M**, La Mesa M (2002) Ichthyoplankton abundance and distribution in the Ross Sea during 1987–1996. *Polar Biology* 25(3): 187–202. **[KW: Vertebrata (Actinopterygii), marine, Species List]**
- Gravili C, Belmonte G, **Cecere E**, Denitto F, Giangrande A, Guidetti P, Longo C, Mastrototaro F, Moscatello S, **Petrocelli A**, Piraino S, Terlizzi A, **Boero F** (2010) Non-indigenous species along the Apulian coast, Italy. *Chemistry and Ecology* 26(S): 121–142. **[KW: Annelida (Polychaeta), Chlorophyta, Crustacea, Hydrozoa, Mollusca, Ochrophyta, Porifera, Rhodophyta, Urochordata (Ascidiacea), Vertebrata, marine, transitional waters, NIS]**
- Gravili C, Bevilacqua S, Terlizzi A, **Boero F** (2015) Missing species among Mediterranean non-Siphonophoran Hydrozoa. *Biodiversity and Conservation* 24: 1329–1357. **[KW: Cnidaria (Hydrozoa), marine, Species List]**
- Gravili C, Di Camillo CG, Piraino S, **Boero F** (2013) Hydrozoan species richness in the Mediterranean Sea: past and present. *Marine Ecology* 34(S1): 41–62. **[KW: Cnidaria (Hydrozoa), marine, Species List]**
- Guarneri I**, Popa OP, Gola L, Kamburska L, Lauceri R, Lopes–Lima M, **Riccardi N** (2014) A morphometric and genetic comparison of *Sinanodonta woodiana* (Lea, 1834) populations: does shape matter? *Aquatic Invasions* 9(2): 183–194. **[KW: Mollusca (Bivalvia), freshwater, NIS]**
- Guidetti P, Bava S, Bussotti S, Cattaneo-Vietti R, Ciccolella A, D'ambrosio A, **de Lucia GA**, Fai S, Mascia L, Massaro G, Navone A, Odorico R, Piron M, Pitzianti GM, Pizzolante F, Spoto M (2010) La piccola pesca artigianale e le AMP nel contesto italiano. *Studi Trentini di Scienze Naturali* 89: 51–54. **[KW: Vertebrata, marine]**
- Guidone L, **Loru L**, Marras PM, Fois X, **Pantaleoni RA**, Tavella L (2008) Predatory bugs in hazelnut orchards of Piedmont and Sardinia (Italy). *Bulletin of Insectology* 61: 207–208. **[KW: Hexapoda (Heteroptera), terrestrial, Species List]**
- Guilizzoni P, Lami A, **Manca M**, Musazzi S, **Marchetto A** (2006) Palaeoenvironmental changes inferred from biological remains in short lake sediment cores from the Central Alps and Dolomites. *Hydrobiologia* 562: 167–191. **[KW: Crustacea (Copepoda, Diplostraca), Hexapoda (Diptera), Ochrophyta (Bacillariophyceae, Chrysophyceae), freshwater, Species List]**
- Guilizzoni P, **Marchetto A**, Lami A, Cameron NG, Appleby RG, Rose NL, Schnell OA, Belis CA, Giorgis A, Guzzi L (1996) The environmental history of a mountain lake (Lago Paione Superiore, Central Alps, Italy) for the last c. 100 years: a multidisciplinary, palaeolimnological study. *Journal of Paleolimnology* 15: 245–264. **[KW: Ochrophyta, freshwater, Species List]**
- Gusmão F, Di Domenico M, Amaral C, **Martínez A**, Gonzalez BC, Worsaae K, Ivar do Sul J, Lana PC (2017) In situ ingestion of microfibers by meiofauna from sandy beaches. *Environmental Pollution* (in press) doi: 10.1016/j.envpol.2016.06.015 **[KW: Annelida (Polychaeta), marine, Species List]**
- Hassall M, Jones DT, **Taiti S**, Latipi Z, Sutton SL, Mohammed M (2006) Biodiversity and abundance of terrestrial isopods along a gradient of disturbance in Sabah, East Malaysia. *European Journal of Soil Biology* 42(S1): 197–207. **[KW: Crustacea (Isopoda), terrestrial, Species List]**

- Hebbeln D, Wienberg C, Beuck L, Dehning K, Dullo C, Erberli G, Freiwald A, Glogowski S, Garlichs T, Jansen F, Joseph N, Klann M, Matos L, Nowald L, Reyes N, Bonilla H, Ruhland G, **Taviani M**, Wilke T, Wisenack M, Wintersteller P (2012) Report and preliminary results of R/V Maria M Merian cruise MSM20–4. WACOM, West–Atlantic Cold–water Coral Ecosystems: The West Side Story. Bridgetown–Freeport, 14 March – 7 April 2012. *Berichte aus dem MARUM und dem Fachbereich Geowissenschaften* 290: 120 pp. **[KW: Cnidaria, marine]**
- Hebbeln D, Wienberg C, Wintersteller P, Freiwald A, Becker M, Beuck L, Dullo C, Ederli GP, Glogowski S, Matos L, Forster N, Reyes–Bonilla H, **Taviani M** (2014) Environmental forcing of the Campeche cold–water coral province, southern Gulf of Mexico. *Biogeosciences* 11: 1799–1815. **[KW: Cnidaria, marine]**
- Helgen KM, Leary T, Doria G, **Amori G** (2008) Catalogue of Melanesian Rodents (Mammalia: Rodentia) in the Museum of Genova. *Annali Museo Civico di Storia Naturale G Doria* 99: 653–686. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Herrando-Perez S, **Messana G**, Sket B (2007) Crustáceos del Ullal de Miravet (Castellón, España): viajeros en el espacio y en el tiempo. *Berig* 8: 4–10. **[KW: Crustacea (Decapoda, Isopoda), freshwater]**
- Iaccarino SM, Bertini A, Di Stefano A, Ferraro L, Gennari R, Grossi F, Lirer F, Manzi V, Ricci Lucchi M, **Taviani M**, Sturiale G, Angeletti L, Sprovieri M (2008) The Trave section (Monte dei Corvi, Ancona, Central Italy): an integrated paleontological study of the Messinian deposits. *Stratigraphy* 5(3–4): 281–306. **[KW: Plantae, Chromista, Foraminifera, Crustacea (Ostracoda), Mollusca (Bivalvia, Gastropoda), paleo, transitional waters, marine, Species List]**
- Incarbona A, **Bonomo S**, Di Stefano E, Zgozi S, Essarbout N, Talha M, Tranchida G, Bonanno A, Patti B, Placenti F, Buscaino G, Cuttitta A, Basilone G, Bahri T, Massa F, Censi P, Mazzola S (2008) Calcareous nannofossil surface sediment assemblages from the Sicily Channel (central Mediterranean Sea): Paleooceanographic implications. *Marine Micropaleontology* 67(3–4): 297–309. **[KW: Prymnesiophyceae, marine, paleo, Species List]**
- Ivanov M, Mazzini A, Blinova V, Kozlova E, Laberg J–S, Matveeva T, **Taviani M**, Kaskov N (2010) Seep mounds on the southern Vøring Plateau (offshore Norway). *Marine and Petroleum Geology* 27(6): 1235–1261. **[KW: Mollusca (Bivalvia), marine]**
- Jones CD, Anderson ME, Balushkin AV, Duhamel G, Eakin RR, Eastman JT, Kuhn KL, Lecointre G, Near TJ, North AW, Stein DL, **Vacchi M**, Detrich III HW (2008) Diversity, relative abundance, new locality records and population structure of Antarctic demersal fishes from the northern Scotia Arc islands and Bouvetøya. *Polar Biology* 31: 1481–1497. **[KW: Vertebrata (Perciformes), marine, Species List]**
- Jonkers H, **Taviani M** (1998) Lower Miocene macrofossils from CRP–1 drillhole, Cape Roberts (Victoria Land Basin, Antarctica). *Terra Antarctica* 5(3): 493–498. **[KW: Annelida (Polychaeta), Mollusca (Bivalvia), paleo, marine]**
- Kamburska L, Lauceri R, Beltrami M, **Boggero A**, Cardeccia A, **Guarneri I**, **Manca M**, **Riccardi N** (2013) Establishment of *Corbicula fluminea* (O.F. Müller, 1774) in Lake Maggiore: a spatial approach to trace the invasion dynamics. *BioInvasions Records* 2(2): 105–117. **[KW: Mollusca (Bivalvia), freshwater, NIS]**
- Kamburska L, Lauceri R, **Riccardi N** (2013) Establishment of a new alien species in Lake Maggiore (Northern Italy): *Anodonta (Sinanodonta) woodiana* (Lea, 1834) (Bivalvia:

- Unionidae). *Aquatic Invasions* 8: 111–116. [KW: **Mollusca (Bivalvia), freshwater, NIS**]
- Katsanevakis S, Poursanidis D, Yokes DB, Mačić V, Beqiraj S, Kashta L, Ramzi Sghaier Y, Zakhama-Sraieb R, Benamer I, Bitar G, Bouzaza Z, **Magni P**, Bianchi CN, Zenetos A (2011) Twelve years after the introduction of the crab *Percnon gibbesi* (H Milne Edwards, 1853) in the Mediterranean: current distribution and invasion rates. *Journal of Biological Research* 16: 224–236. [KW: **Crustacea (Decapoda), marine**]
- Kaya M, De Smet WH, **Fontaneto D** (2010) Survey of moss-dwelling bdelloid rotifers from middle Arctic Spitsbergen (Svalbard). *Polar Biology* 33: 833–842. [KW: **Rotifera, freshwater, Species List**]
- Kaya M, **Fontaneto D**, Segers H, Altindag A (2010) Temperature and salinity as interacting drivers of species richness of planktonic rotifers in Turkish continental waters. *Journal of Limnology* 69: 297–304. [KW: **Rotifera, freshwater, Species List**]
- Kaya M, Herniou EA, Barraclough TG, **Fontaneto D** (2009) A faunistic survey of bdelloid rotifers in Turkey. *Zoology in the Middle East* 48: 114–116. [KW: **Rotifera, freshwater, Species List**]
- Keklikoglou K, Faulwetter S, Chatzigeorgiou G, **Badalamenti F**, Kitsos MS, Arvanitidis K (2013) MidMedPol: Polychaetes from midlittoral rocky shores in Greece and Italy (Mediterranean Sea). *Biodiversity Data Journal* 1: e961. doi:10.3897/BDJ.1.e961 [KW: **Annelida (Polychaeta), marine, Species List**]
- Keppel E, Sigovini M, Tagliapietra D** (2012) A new geographical record of *Polycera hedgpethi* Er. Marcus, 1964 (Nudibranchia: Polyceridae) and evidence of its established presence in the Mediterranean Sea, with a review of its geographical distribution. *Marine Biology Research* 8(10): 969–981. [KW: **Mollusca (Gastropoda, Nudibranchia), marine, NIS**]
- Keppel E**, Tovar–Hernández MA, Ruiz GM (2015) First record and establishment of *Branchiomma coheni* (Polychaeta: Sabellidae) in the Atlantic Ocean and review of non-indigenous species of the genus. *Zootaxa* 4058(4): 499–518. <http://dx.doi.org/10.11646/zootaxa.4058.4.3> [KW: **Annelida (Polychaeta), marine, NIS**]
- Koubbi P, Duhamel G, Hecq JH, Beans C, Loots C, Pruvost P, Tavernier E, **Vacchi M**, Vallet C (2009) Ichthyoplankton in the neritic and coastal zone of Antarctica and Subantarctic islands: A review. *Journal of Marine Systems* 78(4): 547–556. [KW: **Vertebrata (Actinopterygii), marine**]
- Koubbi P, Hureau JC, **Vacchi M**, White M (1997) Results of the preliminary survey on the coastal distribution of fish larvae in Adelie Land (Southern Ocean) during January–February 1996 (Résultats de la campagne préliminaire sur la distribution des larves de poissons dans le secteur côtier de Terre Adélie (Océan Austral) en janvier–février 1996). *Cybium* 21(4): 369–380. [KW: **Vertebrata, marine**]
- Koubbi P, Ozouf-Costaz C, Hureau JC, Lecointre G, Pisano E, **Vacchi M**, Razouls S, White M, Le Guilloux E (2001) Le sous-Ordre des Notothenioidei (Ostéichthyens, Perciformes). Modèle unique de radiation adaptative en milieu marin isolé. IFRTP (Institut Français pour la Recherche et la technologie Polaires), pp. 64–70. [KW: **Vertebrata (Actinopterygii), marine**]
- La Mesa G, Di Muccio S, **Vacchi M** (2006) Structure of a Mediterranean cryptobenthic fish community and its relationships with habitat characteristic. *Marine Biology* 149: 149–167. [KW: **Vertebrata, marine, Species List**]

- La Mesa G, Micalizzi M, Giaccone G, **Vacchi M** (2004) Cryptobenthic fishes of the “Ciclopi Islands” marine reserve (central Mediterranean Sea): assemblage composition, structure and relations with habitat features. *Marine Biology* 145(2): 233–242. [KW: **Vertebrata, marine, Species List**]
- La Mesa G, **Vacchi M** (1999) An analysis of the coastal fish assemblage of the Ustica Island Marine Reserve (Mediterranean Sea). *PSZN Marine Ecology* 20(2): 147–165. [KW: **Vertebrata, marine, Species List**]
- La Mesa G, **Vacchi M** (2005) Analysis of the blennioid assemblages associated with different rocky shore habitats in the Ligurian Sea. *Journal of Fish Biology* 66: 1300–1327. [KW: **Vertebrata (Perciformes, Blenniiformes), marine, Species List**]
- La Mesa M, Cattaneo-Vietti R, **Vacchi M** (2006) Species composition and distribution of the Antarctic plunderfishes (Pisces, Artedidraconidae) from the Ross Sea off Victoria Land. *Deep-Sea Research II* 53: 1061–1070. [KW: **Vertebrata (Perciformes), marine, Species List**]
- La Mesa M, Eastman JT, **Vacchi M** (2004) The role of notothenioid fish in the food web of the Ross Sea shelf waters: a review. *Polar Biology* 27: 321–338 [KW: **Vertebrata (Perciformes), marine, Species List**]
- La Mesa M, Granata A, Guglielmo L, **Vacchi M** (2000) First description of larvae of *Acanthodraco dewitti* in the Ross Sea, Antarctica. *Journal of Fish Biology* 57 (S A): 163–166. [KW: **Vertebrata (Perciformes), marine**]
- La Mesa M, **Vacchi M**, Guglielmo L (1999) Description and occurrence of postlarval stages of rattail fish (Pisces, Macrouridae) in the western Ross Sea, Antarctica. *Cybiurn* 23(4): 391–399. [KW: **Vertebrata (Gadiformes), marine**]
- La Mesa M, **Vacchi M** (2001) Age and growth of high-Antarctic fish: a review. *Antarctic Science* 13(3): 227–235. [KW: **Vertebrata (Perciformes), marine, Species List**]
- Langeneck J, Boyer M, De Cecco PG, Luciani C, Marcelli M, **Vacchi M** (2015) First record of *Acanthurus chirurgus* (Perciformes: Acanthuridae) in the Mediterranean Sea, with some distributional notes on Mediterranean Acanthuridae. *Mediterranean Marine Science* 16(2): 427–431. [KW: **Vertebrata (Perciformes), marine**]
- Lardicci C, **Badalamenti F**, Castelli A (1986) Contributo alla conoscenza dei policheti della Baia di Calvi (Corsica settentrionale). *Atti della Società dei Naturalisti e Matematici di Modena* 116: 51–70. [KW: **Annelida, Polychaeta, marine**]
- Lentini A, **Verdinelli M** (2012) Formicidae. In: Vacante V, Gerson U (eds) *Integrated Control of Citrus Pests in the Mediterranean Region*. Bentham Science Publisher: 231–241. [KW: **Hexapoda (Hymenoptera), terrestrial, Species List**]
- Letardi A, Aspöck U, Aspöck H, **Pantaleoni RA** (2006) *Nevrorthus apatelios* H. Aspöck et U. Aspöck et Hölzel, 1977 (*Neuroptera Nevrothidae*) nelle Prealpi Friulane. *Rivista del Museo civico di Scienze naturali “Enrico Caffi”*, Bergamo 24: 91–92. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Letardi A, Nicoli Aldini R, **Pantaleoni RA** (2010) The *Neuropterida* of Triveneto (Northern Italy): an updated faunal checklist with some zoogeographical remarks. In: Devetak D, Lipovšek S, Arnett AE (eds) *Proceedings of the Tenth International Symposium on Neuropterology*. Piran, Slovenia, 2008. Maribor, Slovenia. pp. 181–189. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Letardi A, **Pantaleoni RA** (1996) I Neuroteri W–Palearctici della collezione del Museo di Zoologia dell’Università di Roma (Insecta Neuropteroidea). *Fragmenta Entomologica* 28(2): 277–305. [KW: **Hexapoda (Neuroptera), terrestrial, collection**]

- Letardi A, **Pantaleoni RA** (2007) Survey towards an inventory of Italian *Neuropterida*. In: Pantaleoni RA, Letardi A, Corazza C (eds) Proceedings of the IX International Symposium on Neuropterology, Ferrara 20–23 June 2005. *Annali del Museo civico di Storia naturale di Ferrara* 8: 87–93. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Lezziero A, **Donnici S**, Serandrei-Barbero R (2005) Evoluzione paleoambientale dell'area archeologica sommersa di S. Leonardo in Fossa Mala (Laguna di Venezia). *Supplementi Geografia Fisica e Dinamica Quaternaria* 7: 201–210. [KW: **Foraminifera, paleo, transitional waters**]
- Lin C-H, **Taviani M**, **Angeletti L**, Girone A, Nolf D (2017) Fish otoliths in superficial sediments of the Mediterranean Sea. *Palaeoecology, Palaeoclimatology, Palaeogeography* (in press). [KW: **Vertebrata (Chondrichthyes), marine**]
- Lopes-Lima M, Sousa R, Geist J, Aldridge DC, Araujo R, Bergengren J, Bernal J, Bódis E, Burlakova L, Van Damme D, Douda K, Froufe E, Georgiev D, Gumpinger C, Karatayev A, Kebapçı Ü, Killeen I, Lajtner J, Larsen B.M, Lauceri R, Legakis A, Lois S, Lundberg S, Moorkens E, Motte G, Nagel K-O, Ondina P, Outeiro A, Paunovic M, Prié V, Von Proschwitz T, **Riccardi N**, Rudzīte M, Rudzītis M, Scheder C, Seddon M, Sereflisan H, Simić V, Sokolova S, Stoeckl K, Taskinen J, Teixeira A, Thielen F, Trichkova T, Varandas S, Vicentini H, Zajac K, Zajac T, Zogaris S (2017) Conservation status of freshwater mussels in Europe: State of the art and future challenges. *Biological Reviews* 92(1): 572-607. doi: 10.1111/brv.12244 [KW: **Mollusca (Bivalvia), freshwater, Species List**]
- López Correa M, Freiwald A, Hall-Spencer J, **Taviani M** (2005) Distribution and habitats of *Acesta excavata* (Bivalvia: Limidae) with new data on its shell ultrastructure. In: Freiwald A, Roberts JM (eds) *Cold-water Corals and Ecosystems*, Springer-Verlag Berlin Heidelberg: pp. 173–205. [KW: **Mollusca (Bivalvia), marine**]
- Lopez P, **Taiti S** (2010) Isopoda. In: Arechavaleta M, Rodríguez S, Zurita N, García A (eds) *Lista de especies silvestres de Canarias. Hongos, plantas y animales terrestres*. (2009) Gobierno de Canarias, pp. 215–6. [KW: **Crustacea (Isopoda), terrestrial, Species List**]
- Lorenti M, **Keppel E**, **Petrocelli A**, **Sigovini M**, **Tagliapietra D** (2015) The non-indigenous *Paranthura japonica* Richardson, 1909 (Isopoda: Anthuroidea: Paranthuridae) from the Mar Piccolo lagoon, Taranto (Italy) *Environmental Science and Pollution Research Journal* 23(13): 12791–12796. <http://link.springer.com/article/10.1007%2Fs11356-015-4994-5> [KW: **Crustacea (Isopoda), transitional waters, NIS**]
- Loru L**, Letardi A, **Pantaleoni RA** (2011) *Neuropterida* dell'Iglesiente (Raphidioptera, Neuroptera). In: Nardi G, Whitmore D, Bardiani M, Birtele D, Mason F, Spada L, Cerretti P (eds) Biodiversity of Marganai and Montimannu (Sardinia). Research in the framework of the ICP Forests network. *Conservazione Habitat Invertebrati* 5: 759–766. [KW: **Chelicerata (Araneae), terrestrial, Species List**]
- Loru L**, Marras PM, Guidone L, Sassu A, **Verdinelli M**, Tavella L, **Pantaleoni RA** (2008) Predatori generalisti in nocioleti piemontesi e sardi. In: Scortichini M (ed) *La corilicoltura biologica in Italia*. CRA Centro di Ricerca per la Frutticoltura, Roma: 111–136. [KW: **Chelicerata (Araneae), Hexapoda (Hemiptera, Hymenoptera, Neuroptera), terrestrial, Species List**]
- Lotter AF, Birks HJB, Hofmann W, **Marchetto A** (1997) Modern diatom, cladocera, chironomid, and chrysophyte cyst assemblages as quantitative indicators for the

- reconstruction of past environmental conditions in the Alps. I. Climate. *Journal of Paleolimnology* 18: 395–420. [KW: Crustacea (Diplostraca), Hexapoda, freshwater, Species List]
- Lotter AF, Birks HJB, Hofmann W, Marchetto A (1998) Modern diatom, cladocera, chironomid, and chrysophyte cyst assemblages as quantitative indicators for the reconstruction of past environmental conditions in the Alps. II. Nutrients. *Journal of Paleolimnology* 19: 443–463. [KW: Crustacea (Diplostraca), Hexapoda, freshwater, Species List]
- Lucente CC, Taviani M (2005) Chemosynthetic communities as fingerprints of submarine sliding–linked hydrocarbon seepage, Miocene deep–sea strata of the Tuscan–Romagna Apennines, Italy. *Palaeogeography, Palaeoclimatology, Palaeoecology* 227(1): 176–190. [KW: Mollusca, Bivalvia, paleo, marine]
- Lugliè A, Giacobbe MG, Fiocca F, Sannio A, Sechi N (2005) The geographical distribution of *Alexandrium catenella* is extending to Italy! First evidences from the Tyrrhenian Sea. In: Steidinger KA, Landsberg JH, Tomas CR, Vargo GA (eds) *Harmful Algae 2002* Florida Fish and Wildlife Conservation Commission & IOC of UNESCO, pp. 329–331. [KW: Myzozoa (Dinophyceae), marine]
- Lugliè A, Giacobbe MG, Sannio A, Fiocca F, Sechi N (2003) First record of the dinoflagellate *Alexandrium catenella* (Dinophyta), a potential producer of paralytic shellfish poisoning, in Italian waters (Sardinia, Tyrrhenian Sea). *Boccone* 16: 1045–1051. [KW: Myzozoa (Dinophyceae), marine]
- Maggiore F, Keppel E (2007) Biodiversity and distribution of Polychaetes and Molluscs along the Dese Estuary (Lagoon of Venice, Italy). *Hydrobiologia* 588: 189–203. [KW: Annelida (Polychaeta), Mollusca (Bivalvia, Gastropoda), marine, transitional waters, Species List]
- Manca M, Cammarano P, Spagnuolo T (1994) Notes on Cladocera and Copepoda from high altitude lakes in the Mount Everest Region (Nepal). *Hydrobiologia* 287: 225–231 [KW: Crustacea (Copepoda, Diplostraca), freshwater, Species List]
- Manca M, Comoli P, Margaritora FG (1999) An unusual type of *Daphnia* head shields from plankton and sediments of Himalayan lakes. *Journal of Limnology* 58: 29–32. [KW: Crustacea (Diplostraca), freshwater]
- Manca M, Comoli P (1995) Temporal variations of fossil Cladocera in the sediments of Lake Orta (N. Italy) over the last 400 years. *Journal of Paleolimnology* 14: 113–122. [KW: Crustacea (Diplostraca), freshwater]
- Manca M, Margaritora FG (2008) Unusual median pores of *Alona* head shields recovered from recent and pre-industrial sediments of Alpine lakes. *Journal of Limnology* 67: 44–48. [KW: Crustacea (Diplostraca), freshwater]
- Manca M, Mura G (1997) On *Branchinecta orientalis* Sars (Anostraca) in the Himalayas. *Hydrobiologia* 356: 111–116. [KW: Crustacea (Anostraca), freshwater]
- Manca M, Ruggiu D, Panzani P, Asioli A, Mura G, Nocentini AM (1998) Report on a collection of aquatic organisms from high mountain lakes in the Khumbu Valley (Nepalese Himalayas). *Memorie dell'Istituto italiano di Idrobiologia* 57: 77–98. [KW: Amoebozoa, Crustacea (Copepoda, Diplostraca), Cryptista (Cryptophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae, Chrysophyceae), Rotifera, freshwater, Species List]
- Manca M, Torretta B, Comoli P, Amsinck SL, Jeppesen E (2007) Major changes in trophic dynamics in large, deep sub-alpine Lake Maggiore from 1940s to 2002: a high

- resolution comparative palaeo-neolimnological study. *Freshwater Biology* 52: 2256–2269. [KW: **Crustacea (Diplostraca), freshwater, Species List**]
- Mancusi C, Nicolosi P, Arculeo M, Barbagli F, Carlini R, Costantini M, Doria G, Fabris G, Maio N, Mattioli G, Mizzan L, Podestà M, Salmaso R, Vanni S, Zuffi M, Serena F, **Vacchi M** (2002) The presence of Elasmobranchs in the collections of the main Italian natural history museums. In: Vacchi M, La Mesa G, Serena F, Seret B (eds) *Proceeding 4th European Elasmobranch Association Meeting Livorno (Italy)*, 2000 ICRAM, ARPAT & SFI, pp. 97–108. [KW: **Vertebrata (Elasmobranchii), marine, Species List, Collection**]
- Manghisi A, **Armeli Minicante S**, Bertuccio C, Morabito M, Torricelli P, Genovese G (2011) A cryptic alien seaweed spreading in Mediterranean coastal lagoons. *Transitional Water Bulletin* 5(1): 1–17. [KW: **Chlorophyta, transitional waters, NIS**]
- Manini E, **Baldrighi E, Luna GM**, d'Errico G, Bastianini M, Grilli F, Marini M, **Bolognini L**, Pigozzi S, Pompei M, Penna A, Perini F, Cabrini M, Cerino F, Fornasaro D, de Olazabal A, Flander–Putrle V, Mozetič P, Francé J, Turk V, Tinta T, Lipej L, Orlando–Bonaca M, Mavrič B, Uhan J, Grego M, Kraus R, Pfannkuchen DM, Kuzat N, Mikac B, Nerlovic V, Zivkovic V, Lusic DV, Vidjak O, Bojanic N, Dragicevic B, Matic–Skoko S, Gladan ZN, Vidjak O, Skejić S, Žuljević A, Despalatović M, Cvitković I, Dulčić J, Skoko SM, Dragičević B (2016) Catalogue of exiting HAOP species in selected Adriatic ports. Final Version. Report. BALMAS project. Act 5.3, 60 pp. [KW: **Annelida, Arthropoda, Mollusca, Myzozoa, Ochrophyta (Bacillariophyceae), Vertebrata, marine, Manual**]
- Manning RB, **Frogliia C** (1982) On a collection of Decapod Crustacea from southern Sardinia. *Quaderni Laboratorio Tecnologia Pesca* 3(2–5): 319–334. [KW: **Crustacea (Decapoda), marine**]
- Manzi V, Lugli S, Roveri M, Dela Pierre F, Gennari R, Lozar F, Natalicchio M, Schreiber BC, **Taviani M**, Turco E (2014) The Messinian salinity crisis in Cyprus: a further step toward a new stratigraphic framework for Eastern Mediterranean. *Basin Research* 28(2): 207–236. [KW: **Chordata, Crustacea (Anostraca), Mollusca (Bivalvia), paleo, marine, transitional waters**]
- Marabini S, **Taviani M**, Vai GB, Vigliotti L (1995) Yellow sand facies with *Arctica islandica*: low stand signature in an early Pleistocene Front–Apennine Basin. *Giornale di Geologia* 57(1–2): 259–275. [KW: **Mollusca, paleo, marine, Species List**]
- Marchetto A**, Mosello R, Rogora M, **Manca M, Boggero A, Morabito G**, Musazzi S, Tartari GA, Nocentini AM, Pugnetti A, Bettinetti R, Panzani P, Armiraglio M, Cammarano P, Lami A (2004) The chemical and biological response of two remote mountain lakes in the Southern Central Alps (Italy) to twenty years of changing physical and chemical climate. *Journal of Limnology* 63(1): 77–89. [KW: **Annelida, Chelicerata (Acariformes), Crustacea (Amphipoda, Diplostraca), Mollusca (Bivalvia), Hexapoda (Coleoptera, Diptera, Ephemeroptera, Megaloptera, Plecoptera, Trichoptera), Ochrophyta (Bacillariophyceae), Platyhelminthes, freshwater, Species List**]
- Marchetto A, Musazzi S** (2001) Comparison between sedimentary and living diatoms in Lago Maggiore (N Italy): implications of using transfer functions. *Journal of Limnology* 60: 19–26. [KW: **Ochrophyta, freshwater, Species List**]
- Marchetto A**, Padedda BM, Mariani MA, Lugliè A, Sechi N (2009) A numerical index for evaluating phytoplankton response to changes in nutrient levels in deep mediterranean reservoirs. *Journal of Limnology* 68: 106–121. [KW: **Charophyta**]

(Conjugatophyceae), Chlorophyta (Chlorophyceae), Cryptista (Cryptophyceae), Cyanobacteria (Cyanophyceae), Euglenozoa (Euglenophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), freshwater, Species List]

- Marchetto A**, Rogora M, **Boggero A**, Musazzi S, Lami A, Lotter AF, Tolotti M, Thies H, Psenner R, Massaferrero J, Barbieri A (2009) Response of Alpine lakes to major environmental gradients, as detected through planktonic, benthic and sedimentary assemblages. *Advances in Limnology* 62: 419–440. [KW: **Hexapoda (Diptera)**, freshwater, Species List]
- Marchetto A**, Schmidt R (1993) A regional calibration data set to infer lakewater pH from sediment diatom assemblages in alpine lakes. *Memorie dell'Istituto Italiano di Idrobiologia* 51: 115–125. [KW: **Ochrophyta**, freshwater, Species List]
- Marra S, **Coppa S**, **Camedda A**, Mazzoldi C, Wachien F, Massaro G, **de Lucia GA** (2016) Recovery trends of commercial fish: the case of an underperforming Mediterranean Marine Protected Area. *PLoS One* 11(1): e0146391 doi:10.1371/journal.pone.0146391 [KW: **Vertebrata**, marine, Species List]
- Martínez A**, Gonzalez BC, Núñez J, Wilkens H, Oromí P, Iliffe TM, Worsaae K (2017) Guide to the Anchialine Ecosystems of Jameos del Agua and Túnel de la Atlántida. Centro de Publicaciones del Ministerio de Agricultura, Alimentación y Medio Ambiente. 350 pages. [KW: **cave fauna**, marine]
- Martínez A**, Mora J, Palmero AM, Núñez J (2007) Primer registro del prosobranquio *Terebra corrugata* (Lamarck, 1822) (Mollusca, Gastropoda) en el litoral de Canarias. *Vieraea* 35: 87–91. [KW: **Mollusca (Gastropoda)**, marine]
- Martínez A**, Núñez K, Núñez J, Monterroso O (2004) Tanatocenosis de los gasterópodos de una cueva submarina al sur de Tenerife. *Revista de la Academia Canaria de las Ciencias* 16(4): 161–177. [KW: **Mollusca (Gastropoda)**, marine, Species List]
- Martínez A**, Palmero AM, Brito MC, Núñez J, Worsaae K (2009) Anchialine fauna of the Corona lava tube (Lanzarote, Canary Islands): Diversity, endemism and distribution. *Marine Biodiversity* 39(3): 169–182. DOI:10.1007/s12526-009-0023-6 [KW: **Annelida, Arthropoda, Echinodermata, Mollusca**, marine, Species List]
- Martínez A**, Palmero AM, Brito MC, Núñez J (2007) Primer registro de *Eupanthalis kinbergi* McIntosh (Polychaeta, Acoetidae) en aguas de Canarias. *Vieraea* 35: 1–8. [KW: **Annelida (Polychaeta)**, marine]
- Marzocchi L, **Pantaleoni RA** (1994) Indagine sui principali entomofagi predatori (Insecta Heteroptera, Neuroptera et Coleoptera) in pereti della Pianura Padana. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 49: 21–40. [KW: **Hexapoda (Coleoptera, Heteroptera, Neuroptera)**, terrestrial, Species List]
- Massi D**, Giusto GB, Badalucco C (2004) Occurrence of *Tremoctopus violaceus* Delle Chiaje, 1830 (Cephalopoda–Tremoctopodidae) in the Strait of Sicily (Mediterranean). *Rapport Commission internationale Mer Méditerranée* 37: 398. [KW: **Mollusca (Cephalopoda, Octopoda)**, marine]
- Massi D**, Micalizzi R, Giusto GB, **Pipitone C** (2010) First record of *Heterocrypta maltzami* Miers, 1881 (Decapoda, Brachyura, Parthenopidae) in the Strait of Sicily. *Crustaceana* 83(9): 1141–1145. doi: 10.1163/001121610X520966 [KW: **Crustacea (Decapoda, Brachyura)**, marine]
- Massi D**, Rinelli P, Mastrototaro F (2007) First records of the rare starfish *Marginaster capreensis* (Gasco, 1876) (Echinodermata, Asteroidea, Poraniidae) in the Strait of

- Sicily and further information on its recent finding in the Ionian Sea. *Rapport Commission internationale Mer Méditerranée* 38: 537. **[KW: Echinodermata (Valvatida), marine]**
- Massi D**, Sinacori G, Titone A, Micalizzi R, Rinelli P (2010) New findings of the rare black brittlestar *Ophiocomina nigra* (Abildgaard, in O.F. Muller, 1789) (Echinodermata, Ophiacanthidae) in the Sicilian Channel. *Rapport Commission internationale Mer Méditerranée* 39: 582. **[KW: Ophiurida, marine]**
- Massi D**, Titone A, Mancuso M, Garofalo G, Gancitano V, Sinacori G, Fiorentino F (2015) *Neptunea contraria* and *Buccinum undatum* (Gastropoda, Buccinidae) thanatocoenoses in the Strait of Sicily. *Biologia Marina Mediterranea* 22(1): 99–100. **[KW: Mollusca, Gastropoda, marine, Species List]**
- Massi D**, Titone A, Micalizzi R, Giusto GB, Sinacori G (2011) Macrozoobenthos raccolto nelle campagne di pesca a strascico condotte nello Stretto di Sicilia nel periodo 2003–2010. CNR-SOLAR, N° reg. 7669TR2016: 17 pp. **[KW: Annelida, Arthropoda, Bryozoa, Cnidaria, Echinodermata, Mollusca, Porifera, Vertebrata, marine]**
- Massi D**, Zamboni A, Bellingeri M, Fiorentino F (1995) Recenti reperti di crostacei stomatopodi del genere *Rissoides* (Squillidae) in Mar Ligure. *Biologia Marina Mediterranea* 2(2): 301–302. **[KW: Crustacea (Stomatopoda), marine]**
- Mastrototaro F, Aguilar R, Chimienti G, Gravili C, **Boero F** (2016) The rediscovery of *Rosalinda incrustans* (Cnidaria: Hydrozoa) in the Mediterranean Sea. *Italian Journal of Zoology* 83(2): 244–247. **[KW: Cnidaria (Hydrozoa), marine]**
- Mastrototaro F, D'Onghia G, Corriero G, Matarrese A, Maiorano P, Panetta P, Gherardi M, Longo C, Rosso A, Sciuto F, Sanfilippo R, Gravili C, **Boero F**, **Taviani M**, Tursi A (2010) Biodiversity of the white coral bank off Cape Santa Maria di Leuca (Mediterranean Sea): An update. *Deep Sea Research Part II Topical Studies in Oceanography* 57(5–6): 412–430. **[KW: Bryozoa, Cnidaria, Crustacea (Decapoda), Echinodermata, Mollusca, Vertebrata, marine, Species List]**
- Mastrototaro F, **Petrocelli A**, **Cecere E**, Matarrese A (2004) Non-indigenous species settled down in the Taranto seas. *Biogeographia* 25: 47–54. **[KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, NIS]**
- Mazza G, Reboleira ASPS, Gonçalves F, Aquiloni L, Inghilesi AF, Spigoli D, Stoch F, **Taiti S**, Gherardi F, Tricarico E (2014) A new threat to groundwater ecosystems: first occurrences of the invasive crayfish *Procambarus clarkii* (Girard, 1852) in European caves. *Journal of Cave and Karst Studies* 76(1): 62–65. **[KW: Crustacea (Decapoda), freshwater, NIS]**
- Mazzamuto MV, Galimberti A, Cremonesi G, Pisanu B, Chapuis J-L, Stuyck J, **Amori G**, Su H-J, Aloise G, Preatoni D, Wauters LA, Casiraghi M, Martinoli A (2016) Preventing species invasion: a role for integrative taxonomy. *Integrative Zoology* 11: 214–228. **[KW: Vertebrata (Mammalia), terrestrial, Species List]**
- Medioli FS, **Asioli A**, Parenti G (1994) Manuale per l'identificazione e la classificazione delle Tecamebe con informazioni sul loro significato paleoecologico e stratigrafico. *Paleopelagos* 4: 317–364. **[KW: Amoebozoa, Cercozoa, Stramenopila, freshwater]**
- Melone G, **Taviani M** (1982) *Heliacus contextus* (G. Seguenza in L. Seguenza, 1902), espèce du Pliocène trouvée vivante en Méditerranée (Gastropoda, Architectonicidae). *Malacologia* 22(1–2): 531–533. **[KW: Mollusca (Gastropoda), paleo, marine]**

- Messana G** (1984) A new locality for *Annina lacustris* Budde-Lund, 1908. Some considerations on taxonomy and reproduction of the genera *Annina* and *Excirolana* (Isopoda, Cirolanidae). *Revue de Zoologie africaine* 98: 766–770. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G** (1989) La fauna stigobia della discarica controllata di S. Martino a Maiano (Certaldo, Firenze). Relazione sulla fauna delle acque sotterranee della zona circostante alla discarica nell'ambito di uno studio di impatto ambientale commissionato dall'ASNU di Firenze. [KW: **Crustacea (Amphipoda, Copepoda, Isopoda, Ostracoda), Nematoda, freshwater**]
- Messana G** (1990) Stygobitic Isopods of East Africa. *Biogeographia* 14: 113–124. [KW: **Crustacea (Isopoda), freshwater**]
- Messana G** (1993) The stygofauna of Kenya. Progress report n°1. Rapporto all'Office of the President, Nairobi, Kenya. [KW: **Annelida (Oligochaeta), Crustacea (Amphipoda, Copepoda, Isopoda), Hexapoda, Nematoda, freshwater**]
- Messana G** (1994) Biology. In: Piccini L, Rossi G (eds) Italian caving exploration in the Island of Palawan, Philippines. *Speleologia* 31: 57–60. [KW: **Annelida (Polychaeta), Chelicerata (Arachnida, Acariformes, Amblypygi), Crustacea (Amphipoda, Copepoda, Decapoda, Isopoda, Ostracoda, Tanaidacea, Syncarida), Hexapoda, Mollusca (Gasteropoda), Vertebrata (Actinopterygii, Mammalia, Reptilia), freshwater, terrestrial, Species List**]
- Messana G** (1997) Isole ed isole fossili nell'arcipelago toscano: la fauna delle acque sotterranee. In: Danesi C (ed) *Atti del convegno di studi "Pianosa: passato, presente, futuro."* CSDE, Portoferraio (I. Elba, LI): 70–76. [KW: **Crustacea (Amphipoda, Copepoda, Isopoda, Thermosbaenacea), freshwater**]
- Messana G** (1998) La fauna stigobia dell'isola di Pianosa. Studio tecnico-scientifico sull'Isola di Pianosa a cura del Museo Zoologico "La Specola" dell'Università degli studi di Firenze, commissionato dall'Ente parco Nazionale dell'Arcipelago Toscano. [KW: **Crustacea (Amphipoda, Copepoda, Ostracoda), Mollusca (Gastropoda), Platyhelminthes, freshwater**]
- Messana G** (2001) Somalia. In: Decou, Juberthie (eds) *Encyclopedia Biospeologica*. Société Internationale de Biospéologie, Moulis: 1689–1700. [KW: **Annelida (Oligochaeta), Chelicerata (Amblipygi, Opiliones, Pseudoscorpiones), Crustacea (Amphipoda, Copepoda, Decapoda, Diplostraca, Isopoda, Ostracoda, Syncarida, Thermosbaenacea), Hexapoda, Mollusca (Gasteropoda), Myriapoda (Chilopoda, Diplopoda), Vertebrata (Actinopterygii, Amphibia, Aves, Mammalia, Reptilia), freshwater, terrestrial**]
- Messana G** (2004) Africa: Biospeleology. In: Gunn J (ed) *Encyclopedia of cave and karst science*. Fitzroy Dearborn, NY: 24–25. [KW: **Chelicerata (Arachnida), Crustacea, Myriapoda, Hexapoda, Mollusca, Onychophora, Vertebrata (Amphibia, Aves, Gnathostomata, Mammalia, Reptilia), freshwater, terrestrial**]
- Messana G, Chelazzi L, Baccetti N** (1985) Biospeleology of Somalia. Mugdile and Showli Berdi caves. *Monitore Zoologico Italiano* S20(1): 325–340. [KW: **Crustacea (Copepoda, Isopoda, Ostracoda), Mollusca (Gastropoda), Vertebrata (Actinopterygii, Amphibia), freshwater, Species List**]
- Messana G, Chelazzi L** (1986) The fauna of subterranean waters of East Africa, and particularly of Somalia. *Stygologia* 2: 339–351. [KW: **Annelida (Oligochaeta, Polychaeta), Chelicerata (Acariformes), Crustacea (Amphipoda, Copepoda,**

Decapoda, Diplostraca, Isopoda, Mysidacea, Ostracoda, Thermosbaenacea), Tardigrada, Vertebrata (Actinopterygii), freshwater]

- Mifsud C, Mastrototaro F, **Taviani M** (2008) On the occurrence of *Anamenia gorgonophila* (Kowalevsky, 1880) (Solenogastres, Strophomeniidae) and its host *Paramuricea macrospina* (Koch, 1882) in the Maltese waters (Mediterranean Sea). *Bollettino Malacologico* 44(5–8): 109–112. [KW: **Cnidaria, Mollusca (Solenogastres), marine**]
- Mifsud C, **Taviani M**, Stöhr S (2009) Remarks on Echinodermata from the South Central Mediterranean Sea based upon collections made during the MARCOS cruise (10 to 20th April, 2007). *Mediterranean Marine Science* 10(2): 63–71. [KW: **Echinodermata, marine, Species List**]
- Milazzo M, Azzurro E, **Badalamenti F** (2012) On the occurrence of the silverstripe blaasop *Lagocephalus sceleratus* (Gmelin, 1789) along the Libyan coast. *BioInvasions Records* 1:125–127. [KW: **Vertebrata, marine, NIS**]
- Milisenda G, Vitale S, **Massi D**, Enea M, Gancitano V, Giusto GB, Badalucco C, Gristina M, Garofalo G, Fiorentino F (2016) Spatio-temporal composition of discard associated with the deep water rose shrimp fisheries (*Parapenaeus longirostris*, Lucas 1846) in the south–central Mediterranean Sea. *Mediterranean Marine Science*: (in press) [KW: **Annelida, Arthropoda, Bryozoa, Cnidaria, Echinodermata, Mollusca, Porifera, Vertebrata, marine**]
- Mirto S**, Arigò C, Genovese L, Pusceddu A, Gambi C, Danovaro R (2014) Nematode assemblage response to fish–farm impact in vegetated (*Posidonia oceanica*) and non–vegetated habitats. *Aquaculture Environmental Interactions* 5: 17–28. [KW: **Nematoda, marine, Species List**]
- Mirto S**, La Rosa T, Gambi C, Danovaro R, Mazzola A (2002) Nematode community response to fish–farm impact in the Western Mediterranean. *Environmental Pollution* 116(2): 203–214. [KW: **Nematoda, marine, Species List**]
- Mitchell-Jones AJ, **Amori G**, Bogdanowicz W, Krystufek B, Reijnders PJH, Spitzenberger F, Stubbe M, Thissen JBM, Vohralik V, Zima J (1999) Atlas of European Mammals. The Academic Press, London, 496 pp. [KW: **Vertebrata (Mammalia), terrestrial, Manual**]
- Modena M, Dalù M, La Mesa G, **Vacchi M** (2001) Comunità ittiche demersali in aree circostanti il relitto dell M/C Haven (Mar Ligure Occidentale). *Biologia Marina Mediterranea* 8(1): 680–683. [KW: **Vertebrata, marine**]
- Molinu A, **Pantaleoni RA**, Sechi D (1998) Segnalazioni faunistiche italiane. 329. *Saperda populnea* (Linné, 1758) (Coleoptera Cerambycidae). *Bollettino della Società Entomologica Italiana* 130: 80. [KW: **Hexapoda (Coleoptera), terrestrial**]
- Molinu A, Sassu A, **Pantaleoni RA** (2007) *Neuropterida* of the Asinara Island (NW Sardinia, Italy). In: Pantaleoni RA, Letardi A, Corazza C (eds) Proceedings of the IX International Symposium on Neuropterology, Ferrara 20–23 June 2005. *Annali del Museo civico di Storia naturale di Ferrara* 8: 111–115. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Montereale Gavazzi G, **Sigovini M**, **Guarneri I**, **Tagliapietra D** (2015). *Bursatella leachii* de Blainville, 1817: sighting of uncommon alien species in the Lagoon of Venice. *Bollettino del Museo di Storia Naturale Venezia* 66: 109–111. [KW: **Mollusca (Gastropoda, Opisthobranchia), transitional waters, NIS**]

- Montresor M, Bastianini M, Cucchiari E, **Giacobbe MG**, Penna A, **Rubino F**, Satta C (2010) Stadi di resistenza del fitoplancton. In: Socal G et al (eds) *Metodologie di studio del Plancton*. ISPRA, Roma. pp. 258–273. [KW: **Myzozoa (Dinophyceae)**, **marine**, **Manual**]
- Morabito G, Oggioni A, **Austoni M** (2012) Resource ratio and human impact: how diatom assemblages in Lake Maggiore responded to oligotrophication and climatic variability. *Hydrobiologia* 698: 47–60. [KW: **Bacillariophyta**, **freshwater**, **Species List**]
- Morello EB, Solustri C, **Froggia C** (2004) The alien bivalve *Anadara demiri* (Arcidae): a new invader of the Adriatic Sea, Italy. *Journal of the Marine Biological Association of the United Kingdom* 84: 1057–1064. [KW: **Mollusca (Bivalvia)**, **marine**, **NIS**]
- Morigi C, Jorissen FJ, Fraticelli S, Horton B P, Principi M, Sabbatini A, **Capotondi L**, Curzi P V, Negri A (2005) Benthic foraminiferal evidence for the formation of the Holocene mud–belt and bathymetrical evolution in the central Adriatic Sea. *Marine Micropaleontology* 57(1): 25–49. [KW: **Foraminifera**, **paleo**, **marine**, **Species List**]
- Moscatello S, **Caroppo C**, Hajdëri E, Belmonte G (2011) Space distribution of phyto– and microzooplankton in the Vlora Bay (Southern Albania, Mediterranean Sea). *Journal of Coastal Research* 58: 80–94. [KW: **Haptophyta (Coccolithophyceae)**, **Myzozoa (Dinophyceae)**, **Ochrophyta (Bacillariophyceae)**, **marine**, **Species List**]
- Moscatello S, **Rubino F**, Saracino OD, Fanelli G, Belmonte G, **Boero F** (2004) Plankton biodiversity around the Salento Peninsula (South East Italy): an integrated water/sediment approach. *Scientia Marina* 68(S1): 85–102. [KW: **Ciliophora (Choreotrichia, Tintinnina)**, **Crustacea (Cladocera, Copepoda)**, **Myzozoa (Dinophyceae)**, **Ochrophyta (Bacillariophyceae)**, **marine**]
- Mugnai R, **Messana G**, **Di Lorenzo T** (2015) Hyporheic invertebrate assemblages at reach scale in a neotropical stream in Brazil. *Brazilian Journal of Biology* 75: 773–782. [KW: **Annelida**, **Crustacea**, **Chelicerata (Acariformes)**, **Hexapoda**, **Nematoda**, **freshwater**, **Species List**]
- Musco L, Andaloro F, Mikac B, **Mirto S**, Vega Fernandez T, **Badalamenti F** (2014) Concern about the spread of the invader seaweed *Caulerpa taxifolia* var. *distichophylla* (Chlorophyta: Caulerpales) towards the West Mediterranean. *Mediterranean Marine Science* 15(3): 532–538. doi: 10.12681/mms.742 [KW: **Chlorophyta**, **marine**, **NIS**]
- Muttoni G, Tartarotti P, **Chiari M**, Marieni C, Rodelli D, Dallanave E, Kirscher U (2015) Paleolatitudes of Late Triassic radiolarian cherts from Argolis, Greece: insights on the paleogeography of the western Tethys. *Palaeogeography, Palaeoclimatology, Palaeoecology* 417: 476–490. [KW: **Radiozoa (Radiolaria)**, **paleo**, **marine**, **Species List**]
- Negri A, **Capotondi L**, Keller J (1999) Calcareous nannofossils, planktonic foraminifera and oxygen isotopes in the late Quaternary sapropels of the Ionian Sea. *Marine Geology* 157: 89–103. [KW: **Foraminifera**, **paleo**, **marine**, **Species List**]
- Nevalainen L, Lami A, Luoto TP, **Manca M** (2014) Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas: biogeographical and paleoecological implications. *Journal of Limnology* 73: 358–368. [KW: **Crustacea (Diplostraca)**, **freshwater**, **Species List**]
- Nevalainen L, Luoto TP, Levine S, **Manca M** (2011) Modern and pre-Industrial Age distributions of Cladocera in Italian and Swiss Alpine lakes. *Hydrobiologia* 676: 173–185. [KW: **Crustacea (Diplostraca)**, **freshwater**, **Species List**]

- Nicoli Aldini R, Letardi A, **Pantaleoni RA** (2012) State of the art on *Neuropterida* of Sicily and Malta. *Biodiversity Journal* 3: 445–458. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Nieder J, La Mesa G, **Vacchi M** (2000) Blenniidae along the Italian coast of the Ligurian and the Tyrrhenian Sea: species diversity, community structure and new records of *Scartella cristata* in northern Italy. *Cybium* 24(4): 359–369. [KW: **Vertebrata (Blenniiformes), marine, Species List**]
- Nirta G, Bortolotti V, **Chiari M**, Menna M, Sacconi E, Principi G, Vannucchi P (2010) Ophiolites from the Grammos-Arrenes area, Northern Greece: Geological, Paleontological and Geochemical data. *Ophioliti* 35(2): 103–115. [KW: **Radiozoa (Radiolaria), paleo, marine, Species List**]
- Nocentini AM, **Boggero A**, De Margaritis G, Gianatti M (2001) First phase of macroinvertebrate repopulation of Lake Orta (Basin of Buccione) after its recovery through liming. *Journal of Limnology* 60: 110–126. [KW: **Annelida, Hexapoda (Diptera), freshwater, Species List**]
- Nuvoli MT, **Loru L, Pantaleoni RA** (2007) Elenco preliminare degli insetti dell'isola dell'Asinara (Sardegna NW). *Annali del Museo civico di Storia naturale "G. Doria"*, Genova 98: 425–549. [KW: **Hexapoda, terrestrial, Species List**]
- Occhipinti–Ambrogi A, Marchini A, Cantone G, Castelli A, Chimenz C, Cormaci M, **Froggia C**, Furnari G, Gambi MC, Giaccone G, Giangrande A, Gravili C, Mastrototaro F, Mazziotti C, Orsi–Relini L, Piraino S (2011) Alien species along the Italian coasts: an overview. *Biological Invasions* 13(1): 215–237. [KW: **Crustacea (Decapoda), marine, NIS**]
- Oliverio M, Chemello R, **Taviani M** (1995) Host association and external morphology of *Dentiovula dorsuosa* from the Red Sea (Prosobranchia, Caenogastropoda, Ovulidae). *Argonauta* 9: 23–30. [KW: **Cnidaria, Mollusca (Gastropoda), marine**]
- Oliverio M, **Taviani M**, Chemello R (1997) A coral-associated epitoniid, new to the Red Sea (Prosobranchia, Ptenoglossa). *Argonauta* 9(10–12): 3–10. [KW: **Cnidaria, Mollusca (Gastropoda), marine**]
- Oromí P, **Martínez A**, López H (2017) Canary Islands. In: Juberthie and Decu (eds) *Encyclopaedia Speleologica*. Editorial SIBIOS, Mouils. Bucharest (in press) [KW: **cave fauna, marine**]
- Oromi P, **Taiti S** (2005) Isopoda. In: Arechavaleta M, Zurita N, Marrero MC, Martin JL (eds) *Lista preliminar de especies silvestres de Cabo Verde. Hongos, plantas y animales terrestres*. Consejería de Medio Ambiente y Ordenación Territorial, Gobierno de Canarias, 155 pp. [KW: **Crustacea (Isopoda), terrestrial, Species List**]
- Orsi Relini L, **Massi D** (1988) Feeding of *Sepietta oweniana* (d'Orbigny 1839) along the slope of the Ligurian Sea: a preliminary note. *Rapport Commission internationale Mer Méditerranée* 31(2): 255. [KW: **Mollusca (Cephalopoda, Sepiida), marine**]
- Orsi Relini L, **Massi D** (1991) The butterfly squid *Stoloteuthis leucoptera* in the Mediterranean. *Journal of the Marine Biological Association, UK* 71: 47–51. [KW: **Mollusca (Cephalopoda, Sepiida), marine**]
- Pagliarino E, **Massi D**, Canali E, Costa C, Pessani D, Bianchini ML (2013) Findings of Phyllosoma Larvae and Nistos of the Family Scyllaridae (Crustacea, Decapoda) in the Southern Mediterranean Sea. *The Open Marine Biology Journal* 7: 8–13. [KW: **Crustacea (Decapoda), marine**]

- Palmero AM, **Martínez A**, Aguado MT, Brito MC, Núñez J (2004) Primer registro para Canarias de *Opisthodonta pterochaeta* Southern, 1914 y discusión sobre la presencia de *Streptosyllis arenae* Webster, Benedict, 1884 en el área Atlántico-mediterránea (Polychaeta, Syllidae, Eusyllinae). *Vieraea* 33: 287–296 [KW: **Annelida (Polychaeta), marine**]
- Panfili M**, Ardizzone GD, Fabi G, Solustri C (2003) Popolamenti zoobentonici di fondo mobile antistanti il Promontorio del Monte Conero. *Quaderni dell'Istituto di Ricerca di Pesca Marittima* 1: 95–110. [KW: **Annelida (Polychaeta), Crustacea, Echinodermata, Mollusca, Porifera, marine**]
- Panfili M**, Belluscio A, Fabi G, Solustri C (2003) Popolamenti zoobentonici di fondo duro nell'area costiera del Monte Conero. *Quaderni dell'Istituto di Ricerca di Pesca Marittima* 1: 85–94. KW: **Annelida (Polychaeta), Crustacea, Echinodermata, Mollusca, Porifera, marine**]
- Panov VE, Krylov PI, **Riccardi N** (2004) Role of diapause in dispersal and invasion success by aquatic invertebrates. *Journal of Limnology* 63: 56–69. [KW: **Crustacea (Diplostraca), freshwater, NIS**]
- Pansera M**, Granata A, Guglielmo L, Minutoli R, Zagami G, Brugnano C (2014) How does mesh-size selection reshape the description of zooplankton community structure in coastal lakes? *Estuarine, Coastal and Shelf Science* 151: 221–235. <http://dx.doi.org/10.1016/j.ecss.2014.10.015> [KW: **Crustacea, Copepoda, marine, Species List**]
- Pantaleoni RA** (1982) Neuroptera Planipennia del comprensorio delle Valli di Comacchio: indagine ecologica. *Bollettino dell'Istituto di Entomologia dell'Università di Bologna* 37: 1–73. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1983) Riconoscimento in campo delle larve di Crisopidi. *Informatore Fitopatologico* 33: 31–36. [KW: **Hexapoda (Neuroptera), terrestrial, Manual**]
- Pantaleoni RA** (1984) Neuroptera Planipennia del comprensorio delle Valli di Comacchio: le neurotterocenosi del *Quercetum ilicis* e del *Populus nigra pyramidalis*. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 39: 61–74. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1984) Note su alcuni parassiti (s.l.) di Neurotteri Planipenni con segnalazione del ritrovamento di Acari foretici su di un Crisopide. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 38: 193–203. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1986) I Neurotteri delle colture agrarie. Aspetti generali e stato delle ricerche nella Pianura Padana sud-orientale. *Dimensione Ambiente*, Ferrara, 19–20: 17–33. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1986) Neurotteri dell'Italia meridionale ed insulare. *Animalia* 13: 167–183. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (1987) Studi sui parassitoidi (Hym. Ichneumonidae et Pteromalidae) di *Chrysoperla carnea* (St.) (Neur. Chrysopidae) che ricercano ed aggrediscono gli stadi racchiusi nel bozzolo. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 41: 241–255. [KW: **Hexapoda (Hymenoptera), terrestrial, Species List**]
- Pantaleoni RA** (1988) La Neurotterofauna dell'Appennino Romagnolo. In: *Atti XV Congresso Nazionale Italiano di Entomologia*, L'Aquila, pp. 633–640. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]

- Pantaleoni RA** (1988) Modalità d'invasione di un nuovo areale in *Metcalfa pruinosa* (Say, 1830) (*Auchenorrhynca Flatidae*). *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 43: 1–7. [KW: **Hexapoda (Homoptera), terrestrial, NIS**]
- Pantaleoni RA** (1990) I Neurotteri (Insecta Neuropteroidea) della collezione dell'Istituto di Entomologia Agraria dell'Università di Padova. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 45: 73–99. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1990) I Neurotteri (Insecta Neuropteroidea) delle collezioni «Zangheri» (Museo di Storia Naturale della Romagna) e «Malmerendi» (Museo Civico di Scienze Naturali di Faenza). *Bollettino del Museo Civico di Storia Naturale di Verona Botanica Zoologia* 17: 277–291. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1990) I Neurotteri (*Neuropteroidea*) della Valle del Bidente-Ronco (Appennino Romagnolo). *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 44: 69–122. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1990) Neurotteri e fasce di vegetazione in Romagna. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 44: 123–134. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (1990) Un nuovo ausiliario nel vigneto: *Parainocellia bicolor* (Costa). *Informatore Fitopatologico* 40: 39–43. [KW: **Hexapoda (Raphidioptera), terrestrial**]
- Pantaleoni RA** (1994) Neurotteri antagonisti di fitofagi. In: Istituto Sperimentale per la Patologia Vegetale (ed) *MAF Convegno Innovazioni e prospettive nella difesa fitosanitaria*, Ferrara 1994, Roma: 427–430. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (1994) Neurotteri di Sardegna. In: *Atti XVII Congresso Nazionale Italiano di Entomologia*, Udine, pp. 207–210. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (1995) Neurotteri (Insecta Neuropteroidea) della Pianura Padana: i parchi urbani e rurali come zone di «rifugio faunistico». In: Atti XII Convegno “G Gadio” Ecologia della Padania, Ferrara, *Quaderni della Stazione di Ecologia Civico Museo di Storia Naturale Ferrara* 9: 393–397. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA** (1996) Distribuzione spaziale di alcuni Neurotteri Planipenni su piante arboree. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 50: 133–141. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (2001) Lacewing occurrence in the agricultural landscape of “Pianura Padana”. In: McEwen PK, New TR, Whittington A E (eds) *Lacewings in the Crop Environment*. Cambridge University Press: 447–470. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA** (2007) Perspectivas del Uso de *Raphidioptera* y *Neuroptera Coniopterygidae* como Agentes de Control Biológico. In: Rodríguez-del-Bosque LA, Arredondo-Bernal HC (eds) *Teoría y Aplicación del Control Biológico*. Sociedad Mexicana de Control Biológico, México: 106–126. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA, Alma A** (2001) Lacewings in Piedmont Vineyards. In: McEwen PK, New TR, Whittington AE (eds) *Lacewings in the Crop Environment*. Cambridge University Press: 471–480. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]

- Pantaleoni RA**, Badano D, Aspöck U, Aspöck H (2013) *Ascalaphus festivus* (Rambur, 1842) in Sardinia, a new genus of *Ascalaphidae* for Europe (Neuroptera). *Biodiversity Journal* 4: 179–182. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA, Baratti M**, Barraco L, Contini C, Cossu CS, Filippelli MT, **Loru L**, Romano M (2010) *Argas (Persicargas) persicus* (Oken, 1818) in Sicily with considerations about its Italian and W-Mediterranean distribution. *Parasite* 17: 349–355. [KW: **Chelicerata (Acariformes), terrestrial**]
- Pantaleoni RA**, Bonalberti L, Curto M. G, Trevisani F (1988) Esperienze di applicazione dell'*Extended Biotic Index* in corpi idrici di bassa pianura: bacino idrografico Burana-Volano (Ferrara, Emilia-Romagna). *Quaderni della Stazione di Ecologia Civico Museo di Storia Naturale Ferrara* 1: 7–46. [KW: **Annelida, Crustacea, Hexapoda, Mollusca, Platyhelminthes (Tricladida), freshwater, Species List**]
- Pantaleoni RA**, Boni Bartalucci M (2011) New record of *Tentyria* Latreille, 1802 (Coleoptera, Tenebrionidae) as host of *Poecilotiphia rousseii* (Guérin, 1838) (Hymenoptera, Tiphidae). *Biodiversity Journal* 2: 207–208. [KW: **Hexapoda (Coleoptera, Hymenoptera), terrestrial**]
- Pantaleoni RA**, Campadelli G, Crudele G (1994) Nuovi dati sui Neurotteri dell'alto Appennino romagnolo. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 48: 171–183. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Curto G, Lepera D (1984) Neurotteri Planipenni nuovi o poco conosciuti per l'Italia. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 39: 75–81. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Curto GM (1990) Segnalazioni faunistiche italiane. 153. *Myrmeleon (Morter) inconspicuus* Rambur, 1842 (Planipennia Myrmeleonidae). *Bollettino della Società Entomologica Italiana* 121: 232. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Curto M. G (1990) I Neurotteri delle colture agrarie: Crisopidi in oliveti del Salento (Italia meridionale). *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 45: 167–180. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, del Mármol Marín GM, Vigara RL (2012) Second record of *Pseudimares aphrodite* H. Aspöck et U. Aspöck, 2009 (Neuroptera, Myrmeleontidae). *Biodiversity Journal* 3: 129–131. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Fontana P (2005) *Libelloides longicornis* (Linné, 1764) (Insecta, Neuropterida, Planipennia, Ascalaphidae). In: Dal Lago A, Latella L (eds) Il Monte Summano appunti di storia naturale. *Memorie del Museo Civico di Storia Naturale di Verona*, 2. Serie Monografie Naturalistiche 2: 145–148. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Lentini A, Delrio G (2001) Lacewings in Northern Sardinian olive groves. In: McEwen PK, New TR, Whittington AE (eds) *Lacewings in the Crop Environment*. Cambridge University Press: 435–446. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Lepera D (1985) I Neurotteri delle colture agrarie: indagine sui Crisopidi in agrumeti della Calabria. In: *Atti XIV Congresso Nazionale Italiano di Entomologia*, Palermo-Erice-Bagheria, 451–457. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]

- Pantaleoni RA**, Letardi A (1997) Neuroptera. In: Zapparoli M (ed) *Gli Insetti di Roma*. Fratelli Palombi Editori, Roma, 163–165. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Letardi A (1998) I Neuropterida della collezione dell'Istituto di Entomologia "Guido Grandi" di Bologna. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 52: 15–45. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Loru L, Sassu A, Loddo C (2007) [2008] Il cinipide del castagno in Sardegna: una nuova preoccupante presenza nella Barbagia di Belvì. *Notiziario sulla Protezione delle Piante* 21: 203–206. [KW: **Hexapoda (Hymenoptera), terrestrial, NIS**]
- Pantaleoni RA**, Lo Valvo F (1995) Neuroptera. In: Massa B (ed) *Arthropoda di Lampedusa, Linosa e Pantelleria (Canale di Sicilia, Mar Mediterraneo)*. *Il Naturalista Siciliano* 19(S): 351–356. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Luciano P, Manca I (1998) L'entomofauna dell'Asinara. In: Gutierrez M, Mattone A, Valsecchi F (ed) *L'Isola dell'Asinara. L'ambiente, la storia, il parco*. Poliedro, Nuoro: 159–163. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Sproccati M (1987) I Neurotteri delle colture agrarie: studi preliminari circa l'influenza di siepi ed altre aree non coltivate sulle popolazioni di Crisopidi. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 42: 193–203. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Pantaleoni RA**, Tavella L (2006) Gli artropodi utili nei corileti italiani. *Petria* 16: 135–148. [KW: **Hexapoda, terrestrial**]
- Pantaleoni RA**, Ticchiati V (1988) I Neurotteri delle colture agrarie: osservazioni sulle fluttuazioni stagionali di popolazione in frutteti. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 43: 43–57. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pantaleoni RA**, Tisselli V (1985) I Neurotteri delle colture agrarie: rilievi sui Crisopidi in alcune coltivazioni del forlivese. *Bollettino dell'Istituto di Entomologia «Guido Grandi» dell'Università di Bologna* 40: 51–65. [KW: **Hexapoda (Neuroptera), terrestrial, Species List**]
- Pasini G, Colalongo ML, Curzi PV, **Taviani M** (1993) Analisi paleoecologica degli ambienti tardo-quadernari del Dosso Gallignani (Adriatico centro-meridionale) mediante lo studio paleontologico di carote. *Bollettino della Società Paleontologica Italiana* 32(1): 113–130 [KW: **Foraminifera, Mollusca, Crustacea (ostracoda), marine, Species List**]
- Pastore M, **Belmonte M**, **Prato E** (2014) On the occurrence of the mud crab *Dyspanopeus sayi* (Smith, 1869) in the Central Mediterranean (Ionian Sea). In: New mediterranean biodiversity records. *Mediterranean Marine Science* 15(3): 675–695. [KW: **Crustacea (Decapoda), marine, NIS**]
- Peckmann J, Thiel V, Reitner J, **Taviani M**, Aharon P, Michaelis W (2004) A Microbial Mat of a Large Sulfur Bacterium Preserved in a Miocene Methane–Seep Limestone. *Geomicrobiology* 21(4): 247–255. [KW: **Proteobacteria (Thiotrichales) paleo, marine**]
- Peñalva-Arana CD, **M Manca** (2007) An SEM study of the nuchal organ in *Daphnia himalaya* (nov. sp.) embryos and neonates collected from the Khumbu region (Nepalese

- Himalayas). *Journal of Limnology* 66: 153–159. [KW: Crustacea (Diplostraca), freshwater, Species List]
- Penna A, Garcés E, Vila M, **Giacobbe MG**, Fraga S, Lugliè A, Bravo I, Bertozzini E, Vernesi C (2005) *Alexandrium catenella* (Dinophyceae), a toxic ribotype expanding in the NW Mediterranean Sea: phylogenetic considerations. *Marine Biology* 148: 13–23. [KW: Myzozoa (Dinophyceae), marine, NIS]
- Perrone C, **Cecere E** (1994) Two solieriacean algae new to the Mediterranean: *Agardhiella subulata* and *Solieria filiformis* (Rhodophyta, Gigartinales). *Journal of Phycology* 30(1): 98–108. [KW: Rhodophyta, transitional waters, NIS]
- Petrocelli A**, Basset A, Belmonte G, Giangrande A, Marchiori S, Medagli P, **Cecere E** (2009) The Lake of Acquatina. In: Cecere E, Petrocelli A, Izzo G, Sfriso A (eds) *Flora and Vegetation of the Italian Transitional Water Systems*. CoRiLa, Stampa Multigraf Spinea, Venezia: 173–181. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List]
- Petrocelli A**, **Cecere E**, Cantasano N (2007) Summer macroalgal flora of the brackish lake of Acquatina (Frigole, Lecce, southern Italy). *Biologia Marina Mediterranea* 14: 170–171. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List]
- Petrocelli A**, **Cecere E**, Portacci G, Micheli C, De Cecco L, Martini S, Borfecchia F (2015) Preliminary mapping of the alien seaweed *Hypnea cornuta* (Rhodophyta, Gigartinales) in the Mar Piccolo of Taranto (southern Italy, Mediterranean Sea). *Biologia Marina Mediterranea* 22: 44–45. [KW: Rhodophyta, transitional waters, NIS]
- Petrocelli A**, **Cecere E**, Verlaque M (2013) Alien marine macrophytes in transitional water systems: new entries and reappearances in a Mediterranean coastal basin. *BiolInvasions Records* 2: 177–184. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, NIS]
- Petrocelli A**, **Cecere E** (2009) Macrofitobenthos. In: Belmonte G (ed) *Biodiversità ed ecologia del lago di Acquatina*. *Thalassia Salentina* 31(S): 21–28. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, Species List]
- Petrocelli A**, **Cecere E** (2010) Biodiversity and mollusc transfer: need of observance of the laws to avoid alien seaweeds introduction. *Biologia Marina Mediterranea* 17: 175–176. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters, NIS]
- Petrocelli A**, **Cecere E** (2015) Invasive Seaweeds: impacts and management actions. In: Canning–Clode J (ed) *Biological Invasions in Changing Ecosystems*. De Gruyter Open, Chapter 11: pp. 253–275. [KW: Chlorophyta, Ochrophyta, Rhodophyta, marine, transitional waters, NIS]
- Petrocelli A**, Verlaque M, Portacci G, **Cecere E** (2013) About twelve years of presence of the alien species *Hypnea cornuta* (Rhodophyta, Gigartinales) in the Mar Piccolo of Taranto (Ionian Sea, southern Italy). *Rapport Commission internationale Mer Méditerranée* 40: 596. [KW: Rhodophyta, transitional waters, NIS]
- Piazzì L, Meinesz A, Verlaque M, Akçali B, Antolić B, Argyrou M, Balata D, Ballesteros E, Calvo S, Cinelli F, Cirik S, Cossu A, D'archino R, Djellouli AS, Javel F, Lanfranco E, Mifsud C, Pala D, Panayotidis P, Peirano A, Pergent G, **Petrocelli A**, Ruitton S, Žuljević A, Ceccherelli G (2005) Invasion of *Caulerpa racemosa* var. *cylindracea* (Caulerpales, Chlorophyta) in the Mediterranean Sea: an assessment of the spread. *Cryptogamie, Algologie* 26: 189–202. [KW: Chlorophyta, marine, NIS]

- Pipitone C** (1998) *Paguristes syrtensis* de Saint Laurent, 1971 (Decapoda: Diogenidae) from the coastal waters of south western Sicily, Mediterranean Sea. *Journal of Natural History* 32: 1741–1746. [KW: Crustacea (Decapoda), marine]
- Pipitone C**, Arculeo M (2003) The marine Crustacea Decapoda of Sicily (central Mediterranean Sea): a checklist with remarks on their distribution. *Italian Journal of Zoology* 70: 69–78. doi:10.1080/11250000309356498 [KW: Crustacea (Decapoda), marine, Species List]
- Pipitone C**, Badalamenti F, Sparrow A (2001) Contribution to the knowledge of *Percnon gibbesi* (Decapoda, Grapsidae), an exotic species spreading rapidly in Sicilian waters. *Crustaceana* 74(10): 1009–1017. [KW: Crustacea (Decapoda), marine, NIS]
- Pipitone C**, Tumbiolo ML (1993) Decapod and stomatopod crustaceans from the trawlable bottoms of the Sicilian Channel (central Mediterranean Sea). *Crustaceana* 65(3): 358–364. doi: 10.1163/156854093X00784 [KW: Crustacea (Decapoda), marine, Species List]
- Pipitone C**, Vaccaro A (2003) Studio dei crostacei decapodi dell'Isola di Ustica: censimento faunistico, distribuzione e biogeografia. NTR–IRMA 70: 24 pp. + XXVI tavv. [KW: Crustacea (Decapoda), marine]
- Pipitone C**, Vaccaro AM (2011) Crustacea Decapoda from Ustica (southern Tyrrhenian Sea): species distribution and sampling approach. In: Pessani D, Tirelli T, Froggia C (eds) *Atti IX Colloquium Crustacea Mediterranea*, Torino, September 2–6, 2008. Museo Regionale di Scienze Naturali, Torino: 413–434. https://www.researchgate.net/publication/263653519_Crustacea_Decapoda_from_Ustica_southern_Tyrrhenian_Sea_species_distribution_and_sampling_approach [KW: Crustacea (Decapoda), marine, Species List]
- Piraino S, De Vito D, Brodbeck E, Di Camillo CG, Fanelli G, **Boero F** (2013) Destructive standard squares or low-impact visually driven collection? A comparison of methods for quantitative samplings of benthic hydrozoans. *Italian Journal of Zoology* 80(3): 424–436. DOI:10.1080/11250003.2013.787461 [KW: Cnidaria (Hydrozoa), marine, Species List]
- Piscia R**, **Volta P**, **Boggero A**, **Manca M** (2011) Segnalazione di *Procambarus clarkii* (Girard 1852) una specie aliena invasiva, nel Lago d'Orta (Piemonte). *Biologia Ambientale* 25: 71–73. [KW: Crustacea (Decapoda), freshwater, NIS]
- Piscia R**, **Volta P**, **Boggero A**, **Manca M** (2011) The invasion of Lake Orta (Italy) by the red swamp crayfish *Procambarus clarkii* (Girard, 1852): a new threat to an unstable environment. *Aquatic Invasions* 6: S45–S48. [KW: Decapoda, freshwater, NIS]
- Poluzzi A, Sabelli B, **Taviani M** (1982) Auto-sinecologia dei Molluschi dei fondi mobili del delta settentrionale del Po (Estate 1980). *Bollettino Società Paleontologica Italiana* 20(2): 169–178. [KW: Mollusca, transitional waters, Species List]
- Poluzzi A, **Taviani M** (1986) Analisi quantitativa delle associazioni a molluschi di due sacche (Scardovari e Canarin) del delta meridionale del fiume Po. *Memorie Società Geologica Italiana* 27: 403–410. [KW: Mollusca, transitional waters, Species List]
- Poluzzi A, **Taviani M** (1990) Fossilizzazione di faune bentoniche in un'area di delta (Fiume Po, Italia del Nord). *Atti del Quarto Simposio di Ecologia e Paleoecologia delle Comunità Bentoniche*, Sorrento 1–5 Novembre 1988, Museo Regionale di Scienze Naturali, Torino: 731–752. [KW: Annelida (Polychaeta), Bryozoa, Mollusca, transitional waters]

- Portacci G, **Cecere E, Petrocelli A** (2013) Nuova introduzione e ricomparsa di macroalghe aliene nel Mar Piccolo di Taranto. Rapporto tecnico N/ISTTA/Algologia/PG et al, 19 pp. **[KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters]**
- Prato E**, Biandolino F (2005) Amphipod biodiversity of shallow water in the Taranto seas (north–western Ionian Sea). *Journal of Marine Biological Association, UK* 85: 333–338. **[KW: Crustacea (Amphipoda), marine, Species List]**
- Prato E**, Fanelli G (2015) Occurrence of *Pinctada imbricata radiata* (Leach, 1814) (Bivalvia: Pteriidae) in the Mar Grande of Taranto (Ionian Sea, Italy). In: New mediterranean biodiversity records. *Mediterranean Marine Science* 16(1): 280. **[KW: Mollusca (Bivalvia), marine, NIS]**
- Prato E**, Gherardi M, Pastore M, Bracelli A (2000) Caratterizzazione delle categorie trofiche dei Policheti in un'area del Mar Piccolo di Taranto (Mar Ionio). *Bollettino del Museo civico di storia naturale di Venezia* 50: 171–178. **[KW: Annelida (Polychaeta), marine]**
- Prato E**, Papa L, Parlapiano I (2011) *Caprella scaura* in the Mar Piccolo of Taranto (Ionian Sea). New Mediterranean Biodiversity Records (December 2011). *Mediterranean Marine Science* 12(2): 491–508. **[KW: Crustacea (Amphipoda), marine, NIS]**
- Prato E**, Parlapiano I, Biandolino F (2013) Seasonal fluctuations of some biological traits of the invader *Caprella scaura* (Crustacea: Amphipoda: Caprellidae) in the Mar Piccolo of Taranto (Ionian Sea, southern Italy). *Scientia Marina* 77(1): 169–178. **[KW: Crustacea (Amphipoda), marine, NIS]**
- Prato E**, Pastore M, Bracelli A (2000) An Amphipoda community in the Mar Piccolo Lagoon (Gulf of Taranto, Ionian Sea). *Acta Adriatica* 41(2): 17–24. **[KW: Crustacea (Amphipoda), marine]**
- Prato E**, Pastore M (1999) I Crostacei Anfipodi dei collettori di allevamento di *Mytilus galloprovincialis* Lamarck, 1819 nel Mar Piccolo di Taranto. *Bollettino del Museo civico di storia naturale di Venezia* 47: 171–181. **[KW: Amphipoda, marine]**
- Prato E**, Pastore M (2012) Occurrence of *Marginaster capreensis* (Echinodermata: Asteroidea: Poraniidae) in the Taranto seas (Ionian Sea, Italy). *Marine Biodiversity Records* 5: e72. DOI: 10.1017/S1755267212000474 **[KW: Echinodermata (Asteroidea), marine, NIS]**
- Prato E**, Pavia B (1999) I Crostacei Anfipodi come descrittori della struttura trofica di alcuni sistemi pugliesi. *Bollettino del Museo civico di storia naturale di Venezia* 48: 171–181. **[KW: Crustacea (Amphipoda), marine]**
- Prela M, **Chiari M**, Marcucci M (2000) Jurassic radiolarian biostratigraphy of the sedimentary cover of ophiolites in the Mirdita Area, ALBANIA: new data. *Ofioliti* 25(1): 55–62. **[KW: Radiozoa (Radiolaria), paleo, marine, Species List]**
- Psomadakis PN, Bentivegna F, Giustino S, Travaglini A, **Vacchi M** (2011) Northward spread of tropical affinity fishes: *Caranx crysos* (Teleostea: Carangidae), a case study from the Mediterranean Sea. *Italian Journal of Zoology* 78: 113–123. **[KW: Vertebrata (Perciformes), marine]**
- Psomadakis PN, Giustino S, **Vacchi M** (2012) Mediterranean fish biodiversity: an updated inventory with focus on the Ligurian and Tyrrhenian seas. *Zootaxa* 3263: 1–46. **[KW: Vertebrata, marine, Species List]**
- Psomadakis PN, Maio N, **Vacchi M** (2009) The chondrichthyan biodiversity in the Gulf of Naples (SW Italy, Tyrrhenian Sea): An historical overview. *Cybium* 33(3): 199–209. **[KW: Vertebrata (Chondrichthyes), marine, Species List]**

- Psomadakis PN, Scacco U, **Vacchi M** (2006) Recent findings of some uncommon fishes from the Central Tyrrhenian Sea. *Cybium* 30(4): 297–304. [KW: **Vertebrata, marine**]
- Psomadakis PN, Stefanni S, Merella P, Ferrando S, Amato A, **Vacchi M** (2012) Additional records of *Beryx splendens* (Osteichthyes: Berycidae) from the Mediterranean Sea, with notes on molecular phylogeny and parasites. *Italian Journal of Zoology* 79(1): 111–119. [KW: **Vertebrata (Beryciformes), marine**]
- Psomadakis PN, **Vacchi M**, Di Muccio S, Sarà M (2009) First historical record of *Carcharhinus brachyurus* (Chondrichthyes, Carcharhiniformes) in the Mediterranean Sea. *Italian Journal of Zoology* 76(2): 201–207. [KW: **Vertebrata (Carcharhiniformes), marine**]
- Punzo E, Strafella P**, Scarcella G, **Spagnolo A**, De Biasi AM, Fabi G (2015) Trophic structure of polychaetes around an offshore gas platform. *Marine Pollution Bulletin* 99: 119–125. <http://dx.doi.org/10.1016/j.marpolbul.2015.07.049> [KW: **Annelida (Polychaeta), marine, Species List**]
- Racz Lorenz H, Polizzi G, Zava B, **Massi D**, Fiorentino F (2014) First record of *Notomyxine tridentiger* (Garman, 1899) (Myxiniformes, Myxinidae) in Uruguayan waters. *Biologia Marina Mediterranea* 21(1): 296–297. [KW: **Agnatha (Myxiniformes), marine**]
- Relini Orsi L, **Vacchi M** (1978) Prima segnalazione di *Pandalina profunda* Holthuis, 1946 (Decapoda, Natantia) nel Mar Ligure. *Oebalia* 4: 37–40. [KW: **Crustacea (Decapoda), marine**]
- Remia A, **Taviani M** (2005) Shallow-buried Pleistocene *Madrepora*-dominated coral mounds on a muddy continental slope, Tuscan Archipelago, NE Tyrrhenian Sea. *Facies* 50(3): 419–425. [KW: **Annelida, Brachiopoda, Cnidaria, Echinodermata, Mollusca, paleo, marine, Species List**]
- Riccardi N** (2010) Selectivity of plankton nets over mesozooplankton taxa: implications for abundance, biomass and diversity estimation. *Journal of Limnology* 69: 287–296. [KW: **Crustacea (Copepoda), transitional waters, Species List**]
- Riccardi N, Austoni M**, Kamburska L, Morabito G (2012) Phytoplankton and zooplankton species distribution in the high altitude lakes of the Piora valley (Canton Ticino, Switzerland). *Memorie della Società ticinese di scienze naturali e del Museo cantonale di storia naturale* 11: 77–91. [KW: **Chlorophyta, Cyanobacteria, Myzozoa (Dinoflagellata), Ochrophyta (Bacillariophyceae), freshwater, Species List**]
- Riccardi N**, Giussani G, Margaritora F, Couchaud B (2004) Population dynamics of the pioneer population of *Daphnia parvula*, Fordyce during the invasion of Lake Candia (Northern Italy). *Journal of Limnology* 63: 44–52. [KW: **Crustacea (Diplostraca), freshwater, NIS**]
- Riccardi N**, Giussani G (2007) The relevance of life-history traits in the establishment of the invader *Eudiaptomus gracilis* and the extinction of *Eudiaptomus padanus* in Lake Candia (Northern Italy): Evidence for competitive exclusion? *Aquatic Ecology* 41: 243–254. [KW: **Crustacea (Copepoda), freshwater, NIS**]
- Riccardi N**, Mariotto L (2000) Seasonal variations in copepod body length: a comparison between different species in the Lagoon of Venice. *Aquatic Ecology* 34: 243–252. [KW: **Crustacea (Copepoda), marine, Species List**]
- Riccardi N**, Rossetti G (2007) *Eudiaptomus gracilis* in Italy: How, where and why. *Journal of Limnology* 66: 64–69. [KW: **Crustacea (Copepoda), freshwater, NIS**]

- Ricci C, **Fontaneto D** (2003) Mediterranean Rotifers: a very inconspicuous taxon. *Biogeographia, Lavori della Società Italiana di Biogeografia* 24: 161–167. [KW: **Rotifera, marine, Species List**]
- Riera R, Núñez J, Monterroso O, **Martínez A** (2016) Distribution of meiofaunal abundances in a marine cave complex with secondary openings and freshwater filtrations. *Marine Biodiversity* (in press) doi:10.1007/s12526-016-0586-y [KW: **Annelida (Polychaeta), Nematoda, marine, Species List**]
- Rodríguez M, Muniz P, Venturini N, Di Domenico M, **Martínez A**, Worsaae K (2013) First occurrence of the interstitial polychaete *Saccocirrus pussicus* (Saccocirridae, Polychaeta) in exposed beaches of Uruguay. *Pan-American Journal of Aquatic Sciences* 8(3): 194–198. [KW: **Annelida (Polychaeta), marine**]
- Rossaro B, Lencioni V, **Boggero A**, Marziali L (2006) Chironomids from Southern Alpine running waters: ecology, biogeography. *Hydrobiologia* 562: 231–246. [KW: **Hexapoda (Diptera), freshwater, Species List**]
- Rosso A, Vertino A, Di Geronimo I, Sanfilippo R, Sciuto F, Di Geronimo R, Violanti D, Corselli C, **Taviani M**, Mastrototaro F, Tursi A (2010) Hard–and soft–bottom thanatofacies from the Santa Maria di Leuca deep–water coral province, Mediterranean. *Deep Sea Research Part II Topical Studies in Oceanography* 57(5): 360–379. [KW: **Annelida, Brachiopoda, Bryozoa, Crustacea (Decapoda, Ostracoda) Cnidaria, Foraminifera, Mollusca, marine, Species List**]
- Rovere M, Rashed H, Pecchioni E, Mercorella A, **Ceregato A**, Leidi E, Gamberi F, Vaselli O (2015) Habitat mapping of cold seeps associated with authigenic mineralization (Paola Ridge, southern Tyrrhenian Sea): combining seafloor backscatter with biogeochemistry signals. *Italian Journal of Geosciences* 134(1): 23–31. [KW: **Mollusca (Bivalvia), marine, Species List**]
- Rubino F**, Belmonte G, Miglietta A, Geraci S, **Boero F** (2000) Resting stages of Plankton in recent North Adriatic sediments. *PSZN: Marine Ecology* 21(3–4): 263–284. [KW: **Myzozoa (Dinophyceae), marine**]
- Rubino F, Belmonte M, Caroppo C, Giacobbe MG** (2009) Plankton biodiversity in surface sediments of Syracuse Bay (Western Ionian Sea, Mediterranean). *Biologia Marina Mediterranea* 16(1): 162–165. [KW: **Ciliophora (Choreotrichia), Crustacea (Copepoda, Calanoida), Myzozoa (Dinophyceae), Rotifera, marine, Species List**]
- Rubino F, Belmonte M, Caroppo C, Giacobbe MG** (2010) Dinoflagellate cysts from surface sediments of Syracuse Bay (Western Ionian Sea, Mediterranean). *Deep Sea Research II. Topical Studies in Oceanography* 57: 243–247. [KW: **Myzozoa (Dinophyceae), marine, Species List**]
- Rubino F**, Cibic T, **Belmonte M**, Rogelja M (2016) Microbenthic community structure and trophic status of sediments in the Mar Piccolo of Taranto (Mediterranean, Ionian Sea). *Environmental Science and Pollution Research* 23: 12624–12644 doi: 10.1007/s11356-015-5526-z [KW: **Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List**]
- Rubino F**, Fanelli G, **Petrocelli A, Belmonte M**, Portacci G, **Cecere E** (2011) The issue of non–indigenous species in Italian coastal waters: the case of Taranto seas (Ionian Sea). In: National Research Council of Italy (ed) *Marine Research at CNR DTA/06–2011*: 2125 – 2147. [KW: **Chlorophyta, Crustacea (Decapoda), Mollusca (Bivalvia), Myzozoa (Dinophyceae), Ochrophyta, Rhodophyta, Vertebrata, marine, transitional waters, NIS**]

- Rubino F**, Moncheva S, **Belmonte M**, Slabakova N, Kamburska L (2010) Resting stages produced by plankton in the Black Sea – biodiversity and ecological perspective. *Rapport Commission internationale Mer Méditerranée* 39: 399. [KW: **Ciliophora, Myzozoa (Dinophyceae), marine**]
- Rubino F**, Moscatello S, **Belmonte M**, Ingrosso G, Belmonte G (2013) Plankton Resting Stages in the Marine Sediments of the Bay of Vlorë (Albania). *International Journal of Ecology*: 1–12. <http://dx.doi.org/10.1155/2013/101682> [KW: **Ciliophora, Crustacea (Copepoda, Calanoida), Myzozoa (Dinophyceae), Rotifera, marine, Species List**]
- Rubino F**, Moscatello S, Saracino OD, Fanelli G, Belmonte G, **Boero F** (2002) Plankton-Derived Resting Stages in Marine Coastal Sediments along the Salento Peninsula (Apulia, South-Eastern Italy). *PSZN: Marine Ecology* 23(S1): 329–339. [KW: **Ciliophora, Crustacea, Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), Haptophyta, Rotifera, marine**]
- Rubino F**, Saracino OD, Fanelli G, Belmonte G, **Boero F** (1996) Plankton dynamics in the Mar Piccolo of Taranto: a pilot plan. *Giornale Botanico Italiano* 130(4–5–6): 1032–1036. [KW: **Myzozoa (Dinophyceae), marine, Species List**]
- Rubino F**, Saracino OD, Moscatello S, Belmonte G (2009) An integrated water/sediment approach to study plankton (a case study in the southern Adriatic Sea). *Journal of Marine Systems* 78: 536–546. [KW: **Haptophyta, Ciliophora, Cnidaria (Hydrozoa), Crustacea (Copepoda), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), Rotifera, marine**]
- Ruiz GM, Chang A, Jimenez H, Ashton G, Ceballos L, DiMaria R, Fofonoff P, Havard S, **Keppel E**, Larson K, Marraffini M, McCann L, Repetto M, Steves S, Zabin C, Geller J (2015) Spatial and temporal analysis of marine invasions in California. 106 pp. [KW: **Annelida (Polychaeta), Bryozoan, Crustacea, Mollusca, Urochordata, marine, Species List**]
- Russo GF, **Taviani M** (1989) *Posidonia oceanica* associated gastropod assemblage from the upper quaternary of the island of Ischia (Naples, Italy): an exercise in palaeobathymetric reconstruction. In: Boudouresque CF, Meinesz A, Fresi E, Gravez V (eds) *GIS Posidonie*, Marseille: 189–197. [KW: **Mollusca, paleo, marine**]
- Sabelli B, **Taviani M**, Tommasini S (1979) Rediscovery of the Holotype of *Cymatium (Cymatium) ranzanii* (Bianconi, 1850) (Gastropoda: Prosobranchia). *Veliger* 22(2): 210–211. [KW: **Mollusca (Gastropoda), marine**]
- Sabelli B, **Taviani M** (1980) Risultati delle pescate sperimentali a strascico in alto Adriatico. In: Colantoni P, Galignani P (eds) *Ricerche sulla piattaforma continentale dell'alto Adriatico*. Risultati della crociera 1978 (dalla foce del Reno a Venezia), CNR, Progetto Finalizzato Oceanografia e Fondi marini. *Quaderno* 2: 77–80. [KW: **Mollusca, marine**]
- Sabelli B, **Taviani M** (1984) Red Sea record of a *Fungia*-associated epitonid. *Bollettino Malacologico* 20(1–4): 91–94. [KW: **Mollusca (Gastropoda), marine**]
- Sabelli B, **Taviani M** (1984) The genus *Nodilittorina* Von Martens, 1897, in the Red Sea: new data. *Bollettino Malacologico* 20(1–4): 95–100. [KW: **Mollusca (Gastropoda), marine**]
- Sabelli B, **Taviani M** (2014) The Making of the Mediterranean Molluscan Biodiversity. Ch 16. In: Goffredo S, Dubinsky Z (eds) *The Mediterranean Sea: Its History and present challenges*. Dordrecht, Springer: pp. 285–306. [KW: **Mollusca, marine, NIS**]

- Saccani E, **Chiari M**, Bortolotti V, Photiades A, Principi G (2015) Geochemistry of volcanic and subvolcanic rocks and biostratigraphy on radiolarian cherts from the Almopias ophiolites and Paikon unit (Western Vardar, Greece). *Ofioliti* 40(1): 1–25. **[KW: Radiolaria, marine, paleo]**
- Sami M, **Taviani M** (1997) Lower Pleistocene record of the boreal gastropod *Macoma obliqua* (Sowerby, 1817) from the Romagna Apennine (N Italy). *Bollettino Società Paleontologica Italiana* 35(3): 277–280. **[KW: Mollusca (Bivalvia), paleo, marine, Species List]**
- Sami M, **Taviani M** (2015) I calcari a Lucina e i gessi di Rontana. *Memorie dell'Istituto Italiano di Speleologia* 2: 39–56. **[KW: Mollusca (Bivalvia), paleo, marine, Species List]**
- Sandulli R, Miljutin D, **Angeletti L, Taviani M** (2015) Meiobenthos and nematode assemblages from different deep-sea habitats of the Strait of Sicily (Central Mediterranean Sea). *Mediterranean Marine Science* 16(2): 402–412. **[KW: Nematoda, marine, Species List]**
- Sanfilippo R, Vertino A, Rosso A, Beuck L, Freiwald A, **Taviani M** (2013) *Serpula* aggregates and their role in deep-sea coral communities in the southern Adriatic Sea. *Facies* 59(4): 663–677 **[KW: Annelida, Cnidaria, marine, Species List]**
- Sangil C, Clemente S, Concepción L, Hernández JC, Toledo K, **Martínez A**, Fernández R (2008) Ambientes litorales marginales en las islas Canarias: estructura y composición de las comunidades bentónicas en las Lagunas Echentive (La Palma). *Vieraea* 36: 143–162. **[KW: Annelida, Cyanophyta, Chlorophyta, Cnidaria, Mollusca (Gastropoda), marine, Species List]**
- Santelli A, Punzo E**, Scarcella G, **Strafella P, Spagnolo A**, Fabi G (2013) Decapod Crustaceans associated with an artificial reef (Adriatic Sea). *Mediterranean Marine Science* 14(3): 64–75. <http://dx.doi.org/10.12681/mms.682> **[KW: Crustacea (Decapoda), marine, Species List]**
- Santelli A, Punzo E, Strafella P**, Cuicchi C, Brunetti B, Spagnolo A, Fabi G (2015) First record of *Paradiopatra bihanica* (Polychaeta, Onuphidae) in the Adriatic Sea. *Acta Adriatica* 56(2): 269–274. **[KW: Annelida (Polychaeta), marine]**
- Saracino OD, **Rubino F** (2006) Phytoplankton composition and distribution along the Albanian coast, South Adriatic Sea. *Nova Hedwigia* 83(1–2): 253–266. **[KW: Haptophyta, Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine]**
- Sarti G, Aguzzi M, Amorosi A, Ricci Lucchi M, Vaiani SC, **Ceregato A** (2005) Studio stratigrafico deposizionale dei depositi di sottosuolo del Valdarno inferiore finalizzato alla definizione geometrica degli acquiferi: relazione finale. Acque ingegneria srl, Provincia di Pisa, autorità di Bacino Fiume Arno, Acque Ingegneria. (<http://arp.unipi.it/dettaglioar.php?ide=107243>) **[KW: Mollusca, paleo, marine]**
- Sarti M, Coltorti M, with the contribution of Budini A, Mattioni L, Pieruccini P, Rossini L, Giunta S, Negri A, Campiani E, Correggiari A, Foglini F, Trincardi F, **Angeletti L, Ceregato A, Taviani M, Asioli A**, Gallerani A, Langone L, Lorenzini F (2016) Note illustrative della *Carta Geologica d'Italia alla scala 1:50.000 foglio 293 Osimo*. <http://www.isprambiente.gov.it/Media/carg/marche.html> **[KW: Mollusca (Bivalvia, Gastropoda), Foraminifera, paleo, marine, Species List]**
- Satta A, **Verdinelli M**, Ruiu L, Buffa F, Salis S, Sassu A, Floris I (2012) Combination of beehive matrices analysis and ant biodiversity to study heavy metal pollution impact in a post-mining area (Sardinia Italy). *Environmental Science and Pollution Research* 19: 3977–3988. **[KW: Hexapoda (Hymenoptera), terrestrial, Species List]**

- Scannella D, Falsone F, Geraci ML, **Frogliola C**, Fiorentino F, Giusto GB, Zava B, Insacco G, Colloca F (2017) First report of Northern brown shrimp *Penaeus aztecus* Ives, 1891 in Strait of Sicily. *BioInvasions Records* 6 (in press) **[KW: Crustacea (Decapoda), marine, NIS]**
- Scarcella G, **Grati F**, Fabi G (2011) Temporal and spatial variation of the fish assemblage around a gas platform in the northern Adriatic Sea, Italy. *Turkish Journal of Fisheries and Aquatic Science* 11: 433–444. **[KW: Vertebrata, marine, Species List]**
- Scarponi D, **Angeletti L** (2008) Integration of palaeontological patterns in the sequence stratigraphy paradigm: a case study from Holocene deposits of the Po Plain (Italy). *GeoActa* 7: 1–13. **[KW: Mollusca (Bivalvia, Gastropoda), paleo, marine]**
- Scherer R, Hannah M, Maffioli P, Persico D, Sjunneskog C, Strong CP, **Taviani M**, Winter D & the ANDRILL–MIS Science Team (2007) Palaeontologic characterisation and analysis of the AND–1B core, ANDRILL McMurdo Ice Shelf Project, Antarctica. *Terra Antartica* 14(3): 223–254. **[KW: Foraminifera, paleo, marine, Species List]**
- Schiaparelli S, Oliverio M, **Taviani M**, Griffiths H, Lörz A–N, Albertelli G (2008) Circumpolar distribution of the pycnogonid–ectoparasitic gastropod *Dickdellia labioflecta* (Dell, 1990)(Mollusca: Zeratulidae). *Antarctic Science* 20: 497–498. **[KW: Mollusca (Gastropoda), marine]**
- Schimmenti E, Musco L, Lo Brutto S, Mikac B, Nygren A, **Badalamenti F** (2016) A Mediterranean record of *Eulalia ornata* (Annelida: Phyllodoceidae) corroborating its fidelity link with the *Sabellaria alveolata*–reef habitat. *Mediterranean Marine Science* 17(2): 1–12. DOI: 10.12681/mms.1485 **[KW: Annelida (Polychaeta), marine]**
- Scopelliti G, Bellanca A, Coccioni R, Luciani V, Neri R, Baudin F, **Chiari M**, Marcucci M (2004) High-resolution geochemical and biotic records of the Tethyan ‘Bonarelli Level’ (OAE2, Latest Cenomanian) from the Calabianca–Guidaloca composite section, northwestern Sicily, Italy. *Palaeogeography, Palaeoclimatology, Palaeoecology* 208(3–4): 293–317. **[KW: Radiozoa (Radiolaria), marine, paleo]**
- Serandrei–Barbero R, Albani A, **Donnici S**, Rizzetto F (2006) Past and recent sedimentation rates in the Lagoon of Venice (Northern Italy). *Estuarine Coastal and Shelf Science* 69: 255–269. **[KW: Foraminifera, paleo, transitional waters, Species List]**
- Serandrei-Barbero R, Albani A, **Donnici S** (2008) Atlante dei Foraminiferi della Laguna di Venezia. IVSLA, Venezia. 125 pp. **[KW: Foraminifera, transitional waters, Species List]**
- Serandrei-Barbero R, Bertoldi R, Canali G, **Donnici S**, Lezziero A (2005) Paleoclimatic record of the past 22,000 years in Venice (northern Italy): Biostratigraphic evidence and Chronology. *Quaternary International* 140: 37–52. **[KW: Foraminifera, paleo, transitional waters, Species List]**
- Serandrei-Barbero R, **Donnici S**, Lezziero A (2002) Contributo alla conoscenza dell'Area Arsenale a Venezia: l'evoluzione del territorio negli ultimi 25.000 anni. *Atti Istituto Veneto di Scienze Lettere ed Arti, Classe di Scienze fisiche, matematiche e naturali* 160: 363–383. **[KW: Foraminifera, paleo, marine]**
- Serandrei-Barbero R, **Donnici S**, Lezziero A (2010) Lazzaretto Vecchio e Poveglia: origine ed evoluzione di due isole della Laguna di Venezia. *Atti dell'Istituto Veneto di Scienze Lettere ed Arti, Classe di Scienze fisiche, matematiche e naturali* 168: 65–92. **[KW: Foraminifera, transitional waters]**
- Serandrei-Barbero R, **Donnici S**, Madricardo F (2011) Supratidal foraminifera as ecological indicators in anthropically modified wetlands (Lagoon of Venice, Italy). *Ecological*

- Engineering* 37(8): 1140–1148. [KW: Foraminifera, transitional waters, Species List]
- Serandrei-Barbero R, Morisieri M, Carbognin L, **Donnici S** (2003) An inner shelf foraminiferal fauna and its response to environmental processes (Adriatic Sea, Italy). *Revista Española de Micropaleontología* 35(2): 1–24. [KW: Foraminifera, marine]
- Serio D, **Petrocelli A**, Cormaci M, Furnari G, **Cecere E** (2008) First record of *Osmundea oederi* (Gunnerus) G. Furnari comb. nov. (Rhodomelaceae, Rhodophyta) from the Mediterranean Sea. *Cryptogamie, Algologie* 29(2): 119–127. [KW: Rhodophyta, transitional waters, NIS]
- Serra G**, Lentini A, **Verdinelli M**, Delrio G (2006) Effects of cover crop management on grape pests in a Mediterranean environment. *IOBC/WPRS Bulletin* 29: 209–214. [KW: Hexapoda (Hymenoptera), terrestrial, Species List]
- Serra G**, Lentini A (2007) Effetti dei trattamenti con *Bacillus thuringiensis* Berl. *kurstaki* sulla lepidotterofauna non target in boschi di roverella infestati da *Tortrix viridana* L. (Lepidoptera Tortricidae). *Notiziario Sulla Protezione Delle Piante* 21: 199–201. [KW: Hexapoda (Lepidoptera), terrestrial, Species List]
- Sfriso A, **Cecere E**, **Petrocelli A**, Lenzi M (2006) Confronto della flora marina presente in alcuni ambienti di transizione italiani. *Biologia Marina Mediterranea* 13(2): 214–215. [KW: Chlorophyta, Ochrophyta, Rhodophyta, transitional waters]
- Sigovini M**, **Keppel E**, **Tagliapietra D** (2016) Open nomenclature in the biodiversity era. *Methods in Ecology and Evolution* 7(10): 1217–1225 [KW: marine, terrestrial, freshwater] <http://onlinelibrary.wiley.com/doi/10.1111/2041-210X.12594/epdf>
- Sigovini M**, **Keppel E**, Tonello F, **Tagliapietra D** (2014) *Tethys fimbria* Linnaeus, 1767 (Gastropoda: Nudibranchia: Tethydidae) Sighting of uncommon species in the Lagoon of Venice. *Bollettino del Museo Civico di Storia naturale Venezia* 66: 114–115 (N° 225). [KW: Mollusca (Gastropoda, Nudibranchia), marine]
- Sinniger F, Zelnio K, **Taviani M**, Reimer JD (2010) Presence of *Abysoanthus* sp. (Anthozoa: Zoantharia) in the Mediterranean Sea: indication of a new cold seep or of ecological tolerance of *Abysoanthus* to non-chemotrophic environments? *Cahiers de Biologie Marine* 51(4): 475–478. [KW: Cnidaria (Zoantharia), marine]
- Solustri C, Morello EB, **Frogliola C** (2003) *Musculista senhousia* (Benson in Cantor, 1842) (Bivalvia: Mytilidae) in the coastal waters of the Adriatic Sea (Italy). *Atti Società italiana di Scienze naturali e Museo civico di Storia naturale Milano* 144(2): 231–240. [KW: Mollusca, Bivalvia, marine, NIS]
- Solustri C, Morello EB, Vitali C, **Frogliola C** (2005) Malacofauna dell'area costiera proposta per l'istituzione del "Parco Marino del Piceno" (Adriatico centrale). *Biologia Marina Mediterranea* 12(1): 159–163. [KW: Mollusca, marine, Species List]
- Soppelsa O, Crocetta F, **Pipitone C** (2005) *Maja goletziana* d'Oliveira, 1888 (Decapoda, Brachyura, Majidae) in the southern Tyrrhenian Sea. *Crustaceana* 78(1): 121–124. doi: 10.1163/1568540054024529 [KW: Crustacea (Decapoda), marine]
- Spagnolo A**, Cuicchi C, **Punzo E**, **Santelli A**, Scarcella G, Fabi G (2014) Patterns of colonization and succession of benthic assemblages in two artificial substrates. *Journal of Sea Research* 88: 78–86. [KW: Annelida (Polychaeta), Crustacea, Mollusca, marine, Species list]
- Spagnolo A**, **Panfili M**, Giampieri A, Spegne R, Trovarelli L (2002) Cambiamenti indotti su una comunità di fondo mobile da una piattaforma estrattiva off-shore (Adriatico

- settentrionale). *Biologia Marina Mediterranea* 9(1): 191–198. [KW: **Crustacea, Mollusca, marine**]
- Sprovieri R, Sprovieri M, Caruso A, Pelosi N, **Bonomo S, Ferraro L** (2006) Astronomic forcing on the planktonic foraminifera assemblage in the Piacenzian Punta Piccola section (southern Italy). *Paleoceanography* 21(4): 1–21. [KW: **Prymnesiophyceae, Foraminifera, marine, paleo**]
- Stefanelli S, **Capotondi L** (2008) Foraminiferal response to the deposition of insolation cycle 90 sapropel in different Mediterranean areas. *Journal of Micropaleontology* 27: 45–61. [KW: **Foraminifera, marine, paleo**]
- Steingruber SM, **Boggero A**, Pradella Caissutti C, Dumnicka E, Colombo L (2013) Can we use macroinvertebrates as indicators of acidification of high-altitude Alpine lakes? *Bollettino della Società Ticinese di Scienze Naturali* 101: 19–30. [KW: **Hexapoda (Diptera, Ephemeroptera, Hemiptera, Odonata, Plecoptera, Trichoptera), Mollusca (Bivalvia, Gastropoda), Platyhelminthes, freshwater, Species List**]
- Stoch F, Barbara F, **Di Lorenzo T**, Porfirio S, Petitta M, Galassi DMP (2016) Exploring copepod distribution patterns at three nested spatial scales in a spring system: habitat partitioning and potential for hydrological bioindication. *Journal of Limnology* 75: 1–13. [KW: **Crustacea (Copepoda), freshwater, Species List**]
- Stolarski J, **Taviani M** (2001) Oligocene Scleractinian corals from CRP–3 Drillhole, Victoria Land Basin, Antarctica. *Terra Antarctica* 8(4): 435–437. [KW: **Cnidaria (Scleractinia), paleo, marine**]
- Strafella P**, Montagnini L, **Punzo E, Santelli A**, Cuicchi C, **Salvalaggio V**, Fabi G (2015) First record of three Bivalvia species: *Thyasira succisa*, *Lyonsia norwegica* and *Poromya granulata* in the Adriatic Sea (Central Mediterranean). *Marine Biodiversity Records* 8: 1–4. [KW: **Mollusca (Bivalvia), marine**]
- Suarez-Morales E, **Riccardi N** (1997) Redescription and first record of *Cymbasoma tenue* (Isaac, 1974) (Copepods: Monstrilloida) in the Mediterranean. *Proceedings of the Biological Society of Washington* 110 (1): 99–106. [KW: **Crustacea (Copepoda), marine**]
- Tagliapietra D, Keppel E, Sigovini M**, Lambert G (2012) First record of the colonial ascidian *Didemnum vexillum* in the Mediterranean: Lagoon of Venice (Italy). *Bioinvasions Records* 1(4): 247–254. <http://www.reabic.net/journals/bir/2012/Issue4.aspx> [KW: **Urochordata (Ascidiacea), marine, NIS**]
- Tagliapietra D, **Keppel E** (2010) Macrobenthos monitoring in the Po and Caorle Lagoons (2009). Final Report. CNR–ISMAR – Institute of Marine Science. 61 pp. (Italian version). [KW: **Annelida (Polychaeta), Crustacea, Mollusca, marine**]
- Taiti S** (2004) Crustacea: Isopoda: Oniscidea (woodlice). In: Gunn J (ed) *Encyclopedia of Caves and Karst Science*. Fitzroy Dearborn, New York. pp. 265–267. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S** (2007) 10. Gli Isopodi terrestri. In: Scapini F, Nardi M (eds) *Il Parco Regionale della Maremma e il suo territorio*. Pacini Editore, Pisa. pp. 91–101. [KW: **Crustacea (Isopoda), terrestrial**]
- Taiti S** (2010) Ordem Isopoda. In: Borges PAV, Costa A, Cunha R, Gabriel R, Gonçalves V, Martins AF, Melo I, Parente M, Raposeiro P, Rodrigues P, Santos RS, Silva I, Vieira P, Vieira V (eds) *A list of the terrestrial and marine biota from the Azores*.

- Principia, Cascais. 206 pp. **[KW: Crustacea (Isopoda), terrestrial, marine, Species List]**
- Taiti S** (2010) Terrestrial Isopods. In: Jeffery S, Gardi C, Jones A, Montanarella L, Marmo L, Miko L, Ritz K, Peres G, Römbke J, Van Der Putten WH (eds) *European Atlas of Soil Biodiversity*. European Commission, Publication Office of the European Union, Luxembourg. pp. 120–121. DOI: 10.2788/94222 **[KW: Crustacea (Isopoda), terrestrial]**
- Targusi M, Lattanzi L, La Valle P, La Porta B, **Panfili M**, Nicoletti L (2006) Distribuzione spaziale dei crostacei anfipodi di fondo mobile nel Tirreno Centrale (Lazio meridionale). *Biologia Marina Mediterranea* 13(2): 222–223. **[KW: Crustacea (Amphipoda), marine]**
- Taviani M** (1974) Nota sul ritrovamento di cinque specie di Molluschi Gastropoda, Prosobranchia poco conosciuti o nuovi per le acque del Mediterraneo. *Quaderni Civica Stazione Idrobiologica Milano* 5: 39–50. **[KW: Mollusca (Gastropoda), marine]**
- Taviani M** (1978). Associazioni a molluschi pleistoceniche–attuali dragate nel Basso Adriatico. *Italian Journal of Zoology (Boll Zool)* 45(3): 297–306. **[KW: Mollusca, marine]**
- Taviani M** (1980) I molluschi dei terreni superficiali della piattaforma continentale alto adriatica fra la foce del fiume Reno e la laguna veneta. In: Colantoni P, Gallignani P (eds) *Ricerche sulla piattaforma continentale dell'alto Adriatico*. Risultati della crociera 1978 (dalla foce del Reno a Venezia), CNR, Progetto Finalizzato Oceanografia e Fondi marini. *Quaderno* 2: 65–76. **[KW: Mollusca, marine]**
- Taviani M** (1988) Mollusks associated with the late Messinian vertebrate remains (Monticino Quarry, Faenza). In: De Giuli C, Vai GB (eds) *Fossil Vertebrates in the Lamone Valley, Romagna Apennines Field Trip Guidebook*, Faenza, pp. 59–60. **[KW: Mollusca (Bivalvia, Gastropoda), paleo, freshwater, transitional waters]**
- Taviani M** (1989) Late Turolian slugs (Gastropoda: Pulmonata) from vertebrate–rich sedimentary dikes in the Monticino Quarry (Brisighella, Northern Italy). *Bollettino Società Paleontologica Italiana* 28(2–3): 321–322. **[KW: Mollusca, paleo, terrestrial]**
- Taviani M** (1991) I Monoplacofori: alla ricerca degli anelli mancanti. *Paleocronache* 1: 20–24. **[KW: Mollusca (Monoplacophora), paleo, marine, Species List]**
- Taviani M** (1994) The “calcarei a Lucina” macrofauna reconsidered: Deep–sea faunal oases from Miocene–age cold vents in the Romagna Apennine, Italy. *Geo–marine Letters* 14(2): 185–191. **[KW: Mollusca, paleo, marine]**
- Taviani M** (1994) Tridacne nel Pliocene Italiano? *Bollettino Malacologico* 29: 322–326. **[KW: Mollusca (Bivalvia), paleo, marine]**
- Taviani M** (1996) La scoperta delle oasi di mare profondo nel Miocene italiano. *Paleocronache* 1: 7–14. **[KW: Mollusca Bivalvia, Gastropoda), paleo, marine, Species List]**
- Taviani M** (1998) Post–Miocene reef faunas of the Red Sea: glacio–eustatic controls. In: Purser BH, Bosence DWJ (eds) *Sedimentation and tectonics of rift basins: Red Sea–Gulf of Aden*, Chapman & Hall, London, pp. 574–582. **[KW: Mollusca, paleo, marine]**
- Taviani M** (2001) Fluid venting and associated processes. In: Vai GB, Martini P (eds) *Anatomy of an Orogen: The Apennines and adjacent Mediterranean Basins*. Kluwer

- Academic Publishers, pp. 351–366. **[KW: Mollusca (Bivalvia, Gastropoda), paleo, marine]**
- Taviani M** (2011) The deep–sea chemoautotroph microbial world as experienced by the Mediterranean metazoans through time. In: *Advances in Stromatolite Geobiology*, Springer Berlin/Heidelberg, pp. 277–295. **[KW: Mollusca (Bivalvia, Gastropoda), paleo, marine]**
- Taviani M** (2014) Marine chemosynthesis in the Mediterranean Sea. In: Goffredo S, Dubinsky Z (eds) Ch 5. *The Mediterranean Sea: Its history and present challenges*, Springer Science+Business Media Dordrecht, pp. 69–83. **[KW: Annelida (Sabellida), Mollusca (Bivalvia, Gastropoda), marine]**
- Taviani M**, Aharon P (1990) Associazioni a molluschi continentali nei depositi loessici degli Stati Uniti sud–orientali e loro significato paleoambientale e paleoclimatico. *Lavori Societa' Italiana di Malacologia* 23: 495–504. **[KW: Mollusca (Gastropoda), paleo, terrestrial, Species List]**
- Taviani M, Angeletti L**, Antolini B, **Ceregato A, Froglija C**, López Correa M, Montagna P, Remia A, Trincardi F, Vertino A (2011) Geo–biology of Mediterranean deep–water coral ecosystems. Volume Mare, CNR Dipartimento Terra e Ambiente, 1. Marine ecology 707–719. ISSN 2239–5172. **[KW: Mollusca (Bivalvia, Gastropoda), marine]**
- Taviani M, Angeletti L**, Beuck L, Campiani E, Canese S, Fogliini F, Freiwald A, Montagna P, Trincardi F (2016) On and off the beaten track: Megafaunal sessile life and Adriatic cascading processes. *Marine Geology* 375: 146–160. **[KW: Cnidaria, marine]**
- Taviani M, Angeletti L**, Campiani E, **Ceregato A**, Fogliini F, Maselli V, Morsilli M, Parise M, Trincardi F (2012) Drowned karst landscape offshore the Apulian margin (Southern Adriatic Sea, Italy). *Journal of Cave and Karst Studies* 74(2): 197–212. **[KW: Cnidaria, freshwater, transitional, marine, Species List]**
- Taviani M, Angeletti L**, Canese S, Cannas R, Cardone F, Cau A, Cau AB, Follesa MC, Marchese F, Montagna P, Tessarolo C (2015) The “Sardinian Cold–Water Coral Province” in the context of the Mediterranean coral ecosystems. *Deep–Sea Research II*, (in press) <http://dx.doi.org/10.1016/j.dsr2.2015.12.008> **[KW: Cnidaria, Crustacea, Mollusca, Porifera, marine, Species List]**
- Taviani M, Angeletti L, Ceregato A**, Fogliini F, **Froglija C**, Trincardi F (2013) The Gela Basin pockmark field in the strait of Sicily (Mediterranean Sea): chemosymbiotic faunal and carbonate signatures of postglacial to modern cold seepage. In: Danovaro R, Heussner S, Santos RS, Freiwald A, Boetius A, van den Hove S, Middelburg J, and Weaver P (eds) Deep–sea ecosystems in European seas. *Biogeosciences* 10: 4653–4671. **[KW: Annelida (Polychaeta), Crustacea (Decapoda), Mollusca (Bivalvia, Gastropoda), marine, Species List]**
- Taviani M, Angeletti L**, MN Çağatay, L Gasperini, A Polonia, FP Wesselingh (2014) Sedimentary and faunal signatures of the post–glacial marine drowning of the Pontocaspian Gemlik “lake” (Sea of Marmara). *Quaternary International* 345: 11–17. **[KW: Gastropoda (Bivalvia), paleo, transitional waters, marine, Species List]**
- Taviani M**, Beu A, Lombardo C (1998) Pleistocene macrofossils from CRP–1 drillhole, Victoria Land basin, Antarctica. *Terra Antarctica* 5(3): 485–491. **[KW: Bryozoa, Cnidaria, Mollusca, paleo, marine, Species List]**
- Taviani M**, Beu A (2001) Palaeogene macrofossils from CRP–3 drillhole, Victoria Land Basin, Antarctica. *Terra Antarctica* 8(4): 423–435. **[KW: Mollusca, paleo, marine]**

- Taviani M**, Freiwald A, Zibrowius H (2005) Deep coral growth in the Mediterranean Sea: an overview. In: Freiwald A, Roberts JM (eds) *Cold-water Corals and Ecosystems*, Springer-Verlag Berlin Heidelberg, pp. 137–156. **[KW: Cnidaria, marine]**
- Taviani M**, Hannah M, Harwood DM, Ishman E, Johnson K, Olney M, Riesselman C, Tuzzi E, Askin R, Beu AG, Blair S, Cantarelli V, **Ceregato A**, Corrado S, Mohr B, Nielson S HH, Persico D, Petrushak S, Raine JI, Warny S & the ANDRILL–SMS Science Team (2009) Palaeontological characterisation and analysis of the AND–2A core, ANDRILL Southern McMurdo Sound Project, Antarctica. *Terra Antartica* 15(1): 113–146. **[KW: Ochrophyta, Foraminifera, paleo, marine]**
- Taviani M**, Hannah M, Ishman SE, Johnson K, Olney M, Riesselman C, Tuzzi E, Askin R, Beu AG, Blair S, Cantarelli V, **Ceregato A**, Corrado S, Mohr S, Nielsen SHH, Persico D, Petrushak S, Raine JI, Warny S, & the ANDRILL–SMS Science Team (2010) Palaeontologic characterization of the AND–2A Core, ANDRILL Southern McMurdo Sound Project, Antarctica. *Terra Antartica* 15(1): 113–146. **[KW: Mollusca (Bivalvia), paleo, marine]**
- Taviani M**, López Correa M, Zibrowius H, Ligi M (2007) Last glacial deep–water corals from the Red Sea. *Bulletin of Marine Science*, Miami 81(3): 361–370. **[KW: Cnidaria (Scleractinia), paleo, marine]**
- Taviani M**, Poluzzi A, Taviani N, Calamaras G (1985) *Scapharca inaequalvis*; a recent invader of the southern lagoons in the Po river delta plain. *Rapports Commission internationale Mer Méditerranée* 9(4): 179–181. **[KW: Mollusca (Bivalvia), transitional waters, marine, NIS]**
- Taviani M**, Remia A, Corselli C, Freiwald A, Malinverno E, Mastrototaro F, Savini A, Tursi A (2005) First geo–marine survey of living cold–water *Lophelia* reefs in the Ionian Sea (Mediterranean basin). *Facies* 50(3): 409–417. **[KW: Cnidaria, marine]**
- Taviani M**, Remia A, Esu D, Sami M (2007) Messinian Lago–Mare mollusc fauna from the Gorgona Island slope, Tyrrhenian Sea. *Geobios* 40(3): 351–358. **[KW: Mollusca (Bivalvia, Gastropoda), paleo, transitional waters]**
- Taviani M**, Roveri M, Impiccini R, Vigliotti L (1997) Segnalazione di Quaternario marino nella Val Chero (Appennino piacentino). *Bollettino Società Paleontologica Italiana* 36: 331–338. **[KW: Mollusca (Bivalvia, Gastropoda, Scaphopoda), paleo, marine, Species List]**
- Taviani M**, Sabelli B (1982) *Iphitus* (Mollusca, Gastropoda) a deep–water genus new to the Mediterranean Sea. *Lavori Società Italiana di Malacologia* 5: 103–107. **[KW: Mollusca (Gastropoda), marine]**
- Taviani M**, Vertino A, López Correa M, Savini A, De Mol B, Remia A, Montagna P, Angeletti L, Zibrowius H, Alves T, Salomidi M, Ritt B, Henry P (2011) Pleistocene to Recent scleractinian deep–water corals and coral facies in the Eastern Mediterranean. *Facies* 57: 579–603. **[KW: Annelida, Brachiopoda, Cnidaria, Echinodermata, Foraminifera, Mollusca, marine, Species List]**
- Tiberti R, Metta S, **Austoni M**, **Callieri C**, **Morabito G**, **Marchetto A**, **Rogora M**, Tartari G, Von Hardensberg J, Provenzale A (2013) Ecological dynamics of two remote alpine lakes during ice-free season. *Journal of Limnology* 72: 401–416. **[KW: Chlorophyta, Cyanobacteria, Myzozoa (Dinoflagellata), Ochrophyta (Bacillariophyceae, Xanthophyceae), freshwater, Species List]**
- Tosi L, Rizzetto F, Bonardi M, **Donnici S**, Serandrei-Barbero R, Toffoletto F (2007) Note illustrative della Carta Geologica d'Italia alla scala 1:50.000, Foglio 128 – Venezia. APAT, Dipartimento Difesa del Suolo, Servizio Geologico d'Italia, Casa Editrice

- SystemCart, Roma. 164 pp. **[KW: Foraminifera, paleo, marine, transitional waters, Species List]**
- Tosi L, Rizzetto F, Bonardi M, **Donnici S**, Serandrei-Barbero R, Toffoletto F (2007) Note illustrative della Carta Geologica d'Italia alla scala 1:50.000, Foglio 148–149 – Chioggia-Malamocco. APAT, Dipartimento Difesa del Suolo, Servizio Geologico d'Italia, Casa Editrice SystemCart, Roma. 164 pp. **[KW: Foraminifera, paleo, marine, transitional waters, Species List]**
- Trabucco B, Cicero AM, Gabellini M, Virno Lamberti C, Di Mento R, Bacci T, Moltedo G, Tomassetti P, **Panfilì M**, Marusso V, Cornello M (2006) Studio del popolamento macrozoobentonico di fondo mobile in prossimità di una piattaforma off–shore (Adriatico centrale). *Biologia Marina Mediterranea* 13(1): 659–662. **[KW: Annelida (Polychaeta), Crustacea, Mollusca, marine, Species List]**
- Trincardi F, Argnani A, Correggiari A, with the contribution of Foglini F, Rovere M, **Angeletti L**, **Asioli A**, Campiani E, Cattaneo A, Foglini F, Minisini D, Piva A, Remia A, Ridente D, **Taviani M**, Verdicchio G (2011) Note Illustrative della *Carta Geologica dei Mari Italiani alla scala 1:250.000, fogli NK 33– 8/9 e NK 33–6 Bari e Vieste*, S.EL.CA. Firenze. **[KW: Foraminifera, Mollusca (Bivalvia, Gastropoda), paleo, marine, Species List]**
- Trincardi F, Argnani A, Correggiari A with the contribution of Foglini F, Rovere M, Angeletti L, **Asioli A**, Campiani E, Cattaneo A, Piva A, Remia A, Ridente D, **Taviani M** (2011) Note Illustrative della *Carta Geologica dei Mari Italiani alla scala 1:250.000, foglio NK 33– 1/2 Ancona* S.EL.CA. Firenze. **[KW: Foraminifera, Mollusca (Bivalvia, Gastropoda), paleo, marine, Species List]**
- Trincardi F, Argnani A, Correggiari A with the contribution of Foglini F, Rovere M, Angeletti L, **Asioli A**, Campiani E, Cattaneo A, Piva A, Remia A, Ridente D, **Taviani M** (2011) Note Illustrative della *Carta Geologica dei Mari Italiani alla scala 1:250.000, foglio NK 33–7 Venezia*, S.EL.CA. Firenze. **[KW: Foraminifera, Mollusca (Bivalvia, Gastropoda), paleo, marine, Species List]**
- Trincardi F, Argnani A, Correggiari A with the contribution of Foglini F, Rovere M, **Asioli A**, Campiani E, Cattaneo A, Piva A, Remia A, Ridente D, **Taviani M** (2011) Note Illustrative della *Carta Geologica dei Mari Italiani alla scala 1:250.000, foglio NK 33– 5 Pescara* S.EL.CA. Firenze. **[KW: Foraminifera, Mollusca (Bivalvia, Gastropoda), paleo, marine, Species List]**
- Trincardi F, Foglini F, Verdicchio G, **Asioli A**, Correggiari A, Minisini D, Piva A, Remia A, Ridente D, **Taviani M** (2007) The impact of cascading currents on the Bari Canyon System, SW–Adriatic Margin (Central Mediterranean). *Marine Geology* 246: 208–230. **[KW: Cnidaria, Mollusca (Bivalvia), marine]**
- Tursi A, D'Onghia G, Matarrese A, **Caroppo C**, Costantino G (1993) L'importanza dei Crostacei Decapodi (Natanti e Reptanti Macruri) nel contesto delle campagne di pesca condotte nel Mar Jonio (1985–1986). *Quaderni dell'Istituto Ricerche Pesca Marittima* 5(2): 145–158. **[KW: Crustacea (Decapoda), marine, Species List]**
- Vaccaro A, **Pipitone C** (2005) First record of *Pachygrapsus transversus* (Gibbes, 1850) in Italian waters (Brachyura, Grapsidae). *Crustaceana* 78(6): 677–683. doi: 10.1163/156854005774353511 **[KW: Crustacea (Decapoda), marine]**
- Vacchi M**, Biagi V, Pajetta R, Fiordiponti R, Serena F, Notarbartolo Di Sciarra G (2002) Elasmobranch catches by tuna trap of Baratti (Northern Tyrrhenian Sea) from 1898 to 1922. In: Vacchi M, La Mesa G, Serena F, Seret B (eds) *Proceeding 4th European*

- Elasmobranch Association Meeting Livorno (Italy)*, 2000 ICRAM, ARPAT & SFI, pp. 177–183. [KW: **Vertebrata (Elasmobranchii), marine**]
- Vacchi M** (1990) Necton and Antarctic Fishing Resources. First results of the 1987/88 expedition. *National Scientific Commission for Antarctica, Oceanographic Campaign 1987/88, Data Report*, I: 457–467. [KW: **Vertebrata (Perciformes), marine**]
- Vacchi M** (1992) Pesca in Antartide e CCAMLR. Ambiente Antartide, *CNR-Direzione Centrale Attività Scientifiche. Quaderni della Segreteria Tecnico Scientifica per l'ANTARTIDE*, Quaderno 4: 21–22. [KW: **Vertebrata, marine**]
- Vacchi M** (1997) I pesci e la pesca in Antartide. In: Museo Nazionale dell'Antartide “Felice Ippolito” (ed) *Il Continente Antartico*, Collana per l'Antartide, Sezione di Genova: 4 pp. [KW: **Vertebrata, marine**]
- Vacchi M**, Boyer M, Bearzi P, La Mesa G (eds) (1999) Fish visual census in marine protected areas. *Il Naturalista Siciliano*, XXIII, Serie Quarta, S: 293 pp. [KW: **Vertebrata, marine, Manual**]
- Vacchi M**, Boyer M, Bussotti S, Guidetti P, La Mesa G (1999) Some interesting species in the coastal fish fauna of Ustica Island (Mediterranean Sea). *Cybium* 23(4): 323–331. [KW: **Vertebrata, marine**]
- Vacchi M**, Bussotti S, Gentile G, Guidetti P (1997) Notes on the fish fauna of Gorgona Island (Ligurian Sea, North-Western Mediterranean). *Doriana VI* (298): 1–10. [KW: **Vertebrata, marine, Species List**]
- Vacchi M**, Bussotti S, Guidetti P, La Mesa G (1998) Study of the coastal fish assemblage in the marine reserve of Ustica Island (Southern Tyrrhenian Sea). *Italian Journal of Zoology* 65S: 281–286. [KW: **Vertebrata, marine**]
- Vacchi M**, Bussotti S, Guidetti P, Miglietta AM (2007) Presence of the Guinean puffer *Sphoeroides marmoratus* (Lowe, 1838) in the Mediterranean Sea. *Journal of Fish Biology* 71: 1215–1219. [KW: **Vertebrata (Tetraodontiformes), marine, NIS**]
- Vacchi M**, Cau A (1985) Observations sur la distribution de *Sphoeroides cutaneus* (Gunther, 1870) (Pisces, Tetraodontidae) en Mediterranee. *Rapports Commission internationale Mer Mediterranée* 29(8): 115–118. [KW: **Vertebrata (Tetraodontiformes), marine, NIS**]
- Vacchi M**, Cau A (1986) The occurrence of *Sphoeroides cutaneus* (Gunther, 1870) (Pisces, Tetraodontidae) in the Middle-West Mediterranean Sea. *Cybium* 10(2): 199–203. [KW: **Vertebrata (Tetraodontiformes), marine, NIS**]
- Vacchi M**, Chiantore M (2000) *Abudefduf vaigiensis* (Quoy & Gaimard, 1825): A tropical damselfish in Mediterranean Sea. *Biologia Marina Mediterranea* 7(1): 841–843. [KW: **Vertebrata (Labriformes), marine, NIS**]
- Vacchi M**, Greco S, La Mesa M (1991) Ichthyological survey by fixed gears in Terra Nova Bay (Antarctica). Fish list and first results. *Memorie di Biologia Marina e di Oceanografia* 19: 197–202. [KW: **Vertebrata (Perciformes), marine, Species List**]
- Vacchi M**, Greco S, La Mesa M (1994) *Kondakovia longimana* from Terra Nova Bay (Antarctica). *Antarctic Science* 6(2): 283. [KW: **Mollusca (Cephalopoda), marine**]
- Vacchi M**, La Mesa G, Finioia MG, Vivona P (1998) Il popolamento ittico della Riserva Naturale Marina dell'Isola di Ustica. Indagini visuali in immersione (risultati delle campagne 1994–95 e 1996–97). Rapporto finale ricerca commissionata da Ente Gestore Riserva Marina Isola di Ustica: 139 pp. [KW: **Vertebrata, marine**]

- Vacchi M**, La Mesa M, Greco S (1999) Summer distribution and abundance of larval and juvenile fishes in the western Ross Sea. *Antarctic Science* 11(1): 54–60. [KW: **Vertebrata (Actinopterygii), marine, Species List**]
- Vacchi M**, La Mesa M, Greco S (1999) The coastal fish fauna of Terra Nova Bay, Ross Sea (Antarctica). In: Faranda FM, Guglielmo L, Ianora A (eds) *Ross Sea Ecology. Italian Antarctic Expeditions (1987–1995)*. Springer Verlag, pp. 457–468. [KW: **Vertebrata (Actinopterygii), marine, Species List**]
- Vacchi M**, La Mesa M, Greco S (2002) Juvenile and larval fishes collected during Italian antarctic Cruise “ROSSMIZE” (November–December 1994, Western Ross Sea). In: Faranda FM, Guglielmo L, Povero P (eds) National Programme for Antarctic Research *ROSSMIZE. Data Report Part. II Terra Antarctica*. [KW: **Vertebrata (Actinopterygii), marine**]
- Vacchi M**, La Mesa M, La Mesa G (1997) Studio preliminare del popolamento ittico costiero delle isole Eolie (Tirreno meridionale, Mediterraneo). In: Piccazzo M (ed) *Atti 12° Congresso dell'Associazione Italiana di Oceanologia e Limnologia (Isola di Vulcano, 18–21 Settembre 1996)* Genova, I: 489–497. [KW: **Vertebrata, marine, Species List**]
- Vacchi M**, La Mesa M, Ozouf-Costaz C (2001) First occurrence of *Acanthodraco dewitti* Skora, 1995 (Notothenioidei, Bathydraconidae) in the Ross Sea. *Polar Biology* 24(6):471–472. [KW: **Vertebrata (Perciformes), marine**]
- Vacchi M**, Notarbartolo di Sciara G (2000) I pesci cartilaginei nei mari italiani, una risorsa che richiede urgenti misure di tutela. *Biologia Marina Mediterranea* 7(1): 296–311. [KW: **Vertebrata (Chondrichthyes), marine**]
- Vacchi M**, Pisano E (2003) I pesci cartilaginei dei mari italiani: un patrimonio da conoscere e tutelare. In: Carrada, Coiro, Russo (eds) *Le aree marine protette del Mediterraneo. I Quaderni di Uomo e natura 1*, Electa Napoli, 174 pp. [KW: **Vertebrata (Chondrichthyes), marine, Manual**]
- Vacchi M**, Psomadakis PN, Repetto N, Wurtz M (2010) First record of the Dog Snapper *Lutjanus jocu* (Bloch & Schneider, 1801) in the Mediterranean Sea. *Journal of Fish Biology* 76: 723–728. [KW: **Vertebrata (Perciformes), marine, NIS**]
- Vacchi M**, Serena F, Biagi V (1996) Cattura di *Carcharhinus brachyurus* (Gunther, 1870) (Pisces, Selachii, Carcharhinidae), nel Mar Tirreno Settentrionale. *Biologia Marina Mediterranea* 3(1): 389–390. [KW: **Vertebrata (Carcharhiniformes), marine**]
- Vacchi M**, Serena F (2010) Chondrichthyes. In: Relini G (ed) Checklist della flora e della fauna dei mari italiani. Parte II. *Biologia Marina Mediterranea* 17(S1): 642–648. [KW: **Vertebrata (Chondrichthyes), marine, Species List**]
- Vasapollo C**, Iannotta MA, van Tussenbroek B, Gambi MC (2008) First data on frequency and spatial distribution of borer polychaetes in *Thalassia testudinum* seagrass meadows off the Western Caribbean. *Biologia Marina Mediterranea* 15(1): 292–293. [KW: **Annelida (Polychaeta), marine**]
- Vasapollo C** (2009) Spatio-temporal variability of plant features and motile invertebrates in *Posidonia oceanica* seagrass meadows. The Open University, PhD Thesis. [KW: **Annelida (Polychaeta), Crustacea (Amphipoda), Mollusca (Gastropoda), marine, Species List**]
- Vasapollo C**, Villano L, Gambi MC (2015) Spatio-temporal variability of borer Polychaetes in *Posidonia oceanica* beds and its relation to meadow structure. *Mediterranean Marine Science* 16(1): 136–146. [KW: **Annelida (Polychaeta), marine**]

- Verdinelli M**, Grafitti G, Molinu A, Sassu A (2008) Imenotteri Formicidi rinvenuti in grotte della Sardegna. *Memorie dell'Istituto Italiano di Speleologia Serie II* 21: 103–109. [KW: **Hexapoda (Hymenoptera), terrestrial, Species List**]
- Verdinelli M**, Loi A, Luciano P (2012) Ant species noxious to cork oak in Sardinia. *IOBC/WPRS Bulletin* 76: 249–252. [KW: **Hexapoda (Hymenoptera, terrestrial)**]
- Verdinelli M**, Sassu A, Molinu A, Fois X (2007) An updated list of Sardinia's Ants (Hymenoptera Formicidae). *Redia* 90: 61–66. [KW: **Hexapoda (Hymenoptera), terrestrial, Species List**]
- Verdinelli M**, Sassu A, Petruzzelli G (2010) Indagini su Formiche e Ragni. In: Floris I, Satta A (eds) *Biomonitoraggio dell'area mineraria e costiera del Medio Campidano*. Provincia del medio Campidano - Assessorato ambiente: 34–49. [KW: **Chelicerata (Araneae), Hexapoda (Hymenoptera), terrestrial, Species List**]
- Vertino A, Stolarski J, Bosellini F, **Taviani M** (2014) Mediterranean Corals Through Time: From Miocene to Present. In: Ch. 14. Goffredo S, Dubinsky Z (eds) *The Mediterranean Sea: Its History and present challenges*, Springer Science+Business Media Dordrecht, pp. 257–274. [KW: **Cnidaria (Scleractinia), paleo, marine**]
- Vertino A, Zibrowius H, Rocca M, **Taviani M** (2010) Fossil Coralliidae in the Mediterranean basin. In: Bussoletti E, Cottingham D, Bruckner A, Roberts G, Sandulli R (eds) *Proceedings of the International Workshop on Red Coral Science, Management, Trade: Lessons from the Mediterranean*, NOAA Technical Memorandum CRCP-13: 94–98. [KW: **Cnidaria (Alcyonacea), marine**]
- Visconti A, **Manca M** (2010) The invasive appearance of *Eudiaptomus gracilis* (GO Sars 1863) in Lago Maggiore. *Journal of Limnology* 69: 353–357. [KW: **Crustacea (Copepoda), freshwater, NIS**]
- Visconti A, **Piscia R, Manca M** (2011) Invasione di specie aliene: comparsa di *Polyphemus pediculus* (Linnaeus, 1761; Crustacea Cladocera) nel Lago Maggiore. *Biologia Ambientale* 25: 68–70. [KW: **Crustacea (Diplostraca), freshwater, NIS**]
- Vitale S, **Massi D**, Titone A, Gancitano S, Bignami F, Fiorentino F (2013) Stranding of *Nyctiphanes couchii* (Bell, 1853) (Crustacea, Euphausiacea) in the North–Western Sicilian Coast (Central Mediterranean). *Rapport Commission internationale Mer Méditerranée* 40: 130. [KW: **Crustacea (Euphausiacea), marine**]
- Volta P** (2010) Lo stato della fauna ittica del Lago di Caldaro. TECHNICAL REPORT CNR-ISE 06.10. 25 pp. [KW: **Vertebrata (Actinopterygii), freshwater**]
- Volta P**, Jeppesen E, **Campi B, Sala P**, Emmrich M, Winfield IJ (2013) The population biology and life history traits of Eurasian ruffe [*Gymnocephalus cernuus* (L.), Pisces: Percidae] introduced into eutrophic and oligotrophic lakes in Northern Italy. *Journal of Limnology* 72: 280–290. [KW: **Vertebrata (Actinopterygii), freshwater, Species List**]
- Volta P**, Jeppesen E, Leoni B, **Campi B, Sala P**, Garibaldi L, Lauridsen TL, Winfield IJ (2013) Recent invasion by a non-native cyprinid (common bream *Abramis brama*) is followed by major changes in the ecological quality of a shallow lake in southern Europe. *Biological Invasions* 15: 2065–2079. [KW: **Vertebrata (Actinopterygii), freshwater, Species List**]
- Volta P**, Jepsen N (2008) The recent invasion of *Rutilus rutilus* (L.) (Pisces: Cyprinidae) in a large South-Alpine lake: Lago Maggiore. *Journal of Limnology* 67: 163–170. [KW: **Vertebrata (Actinopterygii), freshwater, Species List, NIS**]

- Volta P**, Sala P, Cerutti I (2011) Aggiornamento delle conoscenze relative alla fauna ittica del Lago di Mergozzo (VB) con brevi note gestionali. REPORT CNR-ISE 01.11: 14 pp. **[KW: Vertebrata (Actinopterygii), freshwater]**
- Volta P**, Yan N, Gunn J (2016) Past, present and future of the fish community of Lake Orta (Italy), one of the world's largest acidified lakes. *Journal of Limnology* 75: 131–141. **[KW: Vertebrata (Actinopterygii), freshwater, Species List]**
- Westphal H, Beuck L, Braun S, Freiwald A, Hanebuth T, Hetzinger S, Klicpera A, Kudrass H, Lantzsich H, Lundälv T, Mateu G, Vicens G, Preto N, Reumont JV, Schilling S, **Taviani M**, Wienberg C (2012) Phaeton–Paleoceanographic and paleo–climatic record on the Mauritanian Shelf. Maria S. Merian–Berichte, Cruise No. MSM16/3 Oct 13–Nov 20, 2010, Institut für Meereskunde der Universität Hamburg: 136 pp. **[KW: Cnidaria, Foraminifera, Mollusca (Bivalvia, Gastropoda), marine]**
- Wicht B, Lauceri R, **Austoni M**, Lami A, Caviglia F, Tondi G, Tonolla M, **Riccardi N** (2012) Nota sulla presenza di cianobatteri produttori di tossine algali nel Laghetto di Muzzano. *Bollettino della Società Ticinese di Scienze Naturali* 100: 141–146. **[KW: Cyanobacteria, freshwater]**
- Willems WR, Curini-Galletti M, Ferrero TJ, **Fontaneto D**, Heiner I, Huys R, Ivanenko VN, Kristensen RM, Kanneby T, MacNaughton MO, Martínez Arbizu P, Todaro MA, Sterrer W, Jondelius U (2009) Meiofauna of the Koster-area, results from a workshop at the Sven Lovén Centre for Marine Sciences (Tjärnö, Sweden). *Meiofauna Marina* 17: 1–34. **[KW: Acoelomorpha, Annelida (Polychaeta), Crustacea (Copepoda), Gastrotricha, Kinorhyncha, Nematoda, Platyhelminthes, Rotifera, Tardigrada, marine, Species List]**
- Yacoubi Khebiza M, Coineau N, Gabbanini C, **Messana G** (2006) Impact of waste discharges on the water quality and interstitial community structure of two Mediterranean rivers. *Italian Journal of Zoology* 73: 153–166. **[KW: Crustacea, Hexapoda, Mollusca, freshwater, Species List]**
- Zaccone R, **Caroppo C**, La Ferla R, Zampino D, Caruso G, Leonardi M, Maimone G, Azzaro M, Sitran R (2004) Deep–Chlorophyll Maximum time series in a transitional area of the Augusta Gulf (Sicily): part III, microbial community structures and functions. *Chemistry and Ecology* 20(1): 267–284. **[KW: Haptophyta (Coccolithophyceae), Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae), marine, Species List]**
- Zaupá S, Ciampittiello M, Orrù A, **Boggero A** (2017) Influenza delle caratteristiche dell'habitat sui macroinvertebrati lacustri: l'esempio del lago di Viverone. *Bollettino del Museo Regionale di Scienze Naturali di Torino* (in press) **[KW: Annelida, Hexapoda (Diptera, Odonata, Trichoptera), Platyhelminthes, freshwater]**
- Zdzitowiecki K, Palladino S, **Vacchi M** (1999) Preliminary results on *Digenea* found in fishes in the coastal waters of Terra Nova Bay, Antarctica. *Parassitologia* 41: 575–578. **[KW: Platyhelminthes (Trematoda), marine, Species List]**
- Zenetos A, Gofas S, Verlaque M, Cinar ME, García Raso JE, Bianchi CN, Morri C, Azzurro E, Bilecenoglu M, **Froglia C**, Siokou I, Violanti D, Sfriso A, San Martín N, Giangrande A, Katagan T, Ballesteros E, Ramos–Esplá AA, Mastrototaro F, Ocaña O, Zingone A, Gambi MC, Streftaris N (2010) Alien species in the Mediterranean Sea by 2010. A contribution to the application of European Union's Marine Strategy Framework Directive (MSFD). Part I. Spatial distribution. *Mediterranean Marine Science* 11(2): 381–493. **[KW: Crustacea (Decapoda, Stomatopoda), marine, NIS]**
- Zenone A, **Badalamenti F**, Carta G, Di Stefano G, Frongia C, Giacalone VM, Muntoni M, Murenu M, **Pipitone C** (2015) Catture di *Percnon gibbesi* (H. Milne edwards, 1853)

- con trappole di luce nella Sicilia nord-occidentale. *Biologia Marina Mediterranea* 22(1): 117–118. [KW: **Crustacea (Decapoda, Brachyura), marine, NIS**]
- Zibrowius H, **Taviani M** (2005) Remarkable sessile fauna associated with deep coral and other calcareous substrates in the Strait of Sicily, Mediterranean Sea. In: Freiwald A, Roberts JM (eds) *Cold-water Corals and Ecosystems*, Springer-Verlag Berlin Heidelberg: pp. 807–819. [KW: **Annelida, Cnidaria, Echinodermata, Foraminifera, Mollusca, Porifera, marine, Species List**]
- Zingone A, Totti C, Sarno D, Cabrini M, **Caroppo C, Giacobbe MG**, Lugliè A, Nuccio C, Socal G (2010) Fitoplancton: metodiche di analisi quali-quantitativa. In: Socal G et al (eds) *Metodologie di studio del Plancton*. ISPRA, Roma. pp. 204–228. [KW: **Haptophyta, Myzozoa (Dinophyceae), Ochrophyta, marine, Manual**]
- Zinke J, Reijmer JJG, **Taviani M**, Dullo W-C, Thomassin B (2005) Facies and faunal assemblage changes in response to the Holocene transgression in the Lagoon of Mayotte (Comoro Archipelago, SW Indian Ocean). *Facies* 50(3): 391–408. [KW: **Mollusca, marine, Species List**]

Molecular-Phylogenetic-Cytogenetic Analysis

- Abiadh A, Chetoui M, Cheniti TL, Capanna E, **Colangelo P** (2010) Molecular phylogenetics of the genus *Gerbillus* (Rodentia, Gerbillinae): implications for systematics, taxonomy and chromosomal evolution. *Molecular Phylogenetics and Evolution* 56: 513–518. [KW: **Vertebrata (Mammalia), terrestrial**]
- Addamo AM, García-Jiménez R, **Taviani M**, Machordom A (2015) Development of microsatellite markers in the deep-sea cup coral *Desmophyllum dianthus* by 454 sequencing and cross-species amplifications in Scleractinia Order. *Journal of Heredity*: 1–9. doi: 10.1093/jhered/esv010 [KW: **Cnidaria (Scleractinia), marine**]
- Addamo AM, Reimer JD, **Taviani M**, Freiwald A, Machordom A (2012) *Desmophyllum dianthus* (Esper, 1794) in the scleractinian phylogeny and its intraspecific diversity. *PLoS ONE* 7(11): e50215. [KW: **Cnidaria (Scleractinia), marine**]
- Addamo AM, Vertino A, Stolarski J, García-Jiménez R, **Taviani M**, Machordom A (2016) Merging scleractinian genera: the overwhelming genetic similarity between solitary *Desmophyllum* and colonial *Lophelia*. *BMC Evolutionary Biology* 1–17. [KW: **Cnidaria (Scleractinia), marine**]
- Aglieri G, Papetti C, Zane L, Milisenda G, **Boero F**, Piraino S (2014) First evidence of inbreeding, relatedness and chaotic genetic patchiness in the holoplanktonic jellyfish *Pelagia noctiluca* (Scyphozoa, Cnidaria). *PLoS ONE* 9(6): e99647. doi:10.1371/journal.pone.0099647 [KW: **Cnidaria (Scyphozoa), marine**]
- Amori G**, Gippoliti S, Castiglia R (2009) European non volant mammal diversity: conservation priorities inferred from phylogeographic studies. *Folia Zoologica* 58: 270–278. [KW: **Vertebrata (Mammalia), terrestrial**]
- Arculeo M, Mauro A, Lo Brutto S, **Mirto S**, Cammarata M, Mazzola A, Parrinello N (1999) Biochemical genetic differentiation between *Pomatoschistus marmoratus* and *Pomatoschistus tortonesei*. *Journal of Fish Biology* 54: 190–195. [KW: **Vertebrata (Perciformes), marine**]

- Arduino P, Bullini L, Prota R, **Verdinelli M** (1994) Differenziamento genetico del complesso *Lymantria dispar* (Lepidoptera Lymantriidae). In: *Atti XVII Congresso Nazionale Italiano di Entomologia*: 121–124. [KW: **Hexapoda (Lepidoptera), terrestrial**]
- Argano R, **Messana G**, De Matthaeis E, Cobolli M, Ketmaier V (1998) Uso di marcatori biochimici per lo studio del popolamento stigobio di Sardegna: gli Asellota (Crustacea Isopoda). *Biogeographia* 19: 157–171. [KW: **Crustacea (Isopoda), freshwater**]
- Armeli Minicante S**, Genovese G, Morabito M (2014) Two new alien macroalgae identified by the DNA barcoding. *Biologia Marina Mediterranea* 21(1): 70–72. [KW: **Chlorophyta, Rhodophyta, marine**]
- Bannikova AA, Zemlemerova ED, **Colangelo P**, Sözen M, Kidov AA, Dzuev RI, Kryštufek B, Lebedev VS (2015) An underground burst of diversity – a new look at the phylogeny and taxonomy of the genus *Talpa* Linnaeus, 1758 (Mammalia: Talpidae) as revealed by nuclear and mitochondrial genes. *Zoological Journal of the Linnean Society* 175: 930–948. [KW: **Vertebrata (Mammalia), terrestrial**]
- Baratti M, Argano R, Burchi A, **Messana G** (2003) Analysis of genetic variability of stygobitic isopod populations (*Stenasellus racovitzai*, Isopoda) with RAPD markers and comparison to allozyme data. *Crustaceana* 76: 39–47. [KW: **Crustacea (Isopoda), freshwater**]
- Baratti M, Bazzicalupo M, De Filippo C, **Messana G** (1999) Detection of genetic variability within stygobitic isopods using rapid markers. *Crustaceana* 72: 625–634. [KW: **Crustacea (Isopoda), freshwater**]
- Baratti M, Burchi A, **Messana G**, Yacoubi-Khebiza M (1999) Inferring Phylogenetic History on five taxa of the genus *Typhlocirolana* (Isopoda Cirolanidae) by 12s sequence. Preliminary data. *Mémoires de Biospéologie* 26: 59–64. [KW: **Crustacea (Isopoda), freshwater**]
- Baratti M, Cattonaro F, **Di Lorenzo T**, Galassi DMP, Iannilli V, Iannucci A, Jensen J, Larsen PF, Nielsen RO, Pertoldi C, Postolache D, Pujolar JM, Randi E, Ruiz-Gonzalez A, Thirstrup JP, Vendramin GG, Zalewski A (2015) Genomic Resources Notes Accepted 1 October 2014–30 November 2014. *Molecular Ecology Resources* 15: 458–459. [KW: **Vertebrata (Mammalia), Crustacea, freshwater**]
- Baratti M, Filippelli M, **Messana G**, Papetti C, Patarnello T, Zane L (2009) Characterization of polymorphic microsatellite loci in the marine isopod *Sphaeroma terebrans*. (Crustacea, Isopoda). *Molecular Ecology Resources* 9: 1229–1231. [KW: **Crustacea (Isopoda), marine**]
- Baratti M, Filippelli M, **Messana G** (2011) Complex genetic patterns in the mangrove wood-borer *Sphaeroma terebrans* Bate, 1866 (Isopoda, Crustacea, Sphaeromatidae) generated by shoreline topography and rafting dispersal. *Journal of Experimental Marine Biology and Ecology* 398: 73–82. [KW: **Crustacea (Isopoda), marine**]
- Baratti M, Filippelli M, Nardi F, **Messana G** (2010) Molecular phylogenetic relationships among some stygobitic cirolanid species (Crustacea, Isopoda). *Contributions to Zoology* 79: 57–67. [KW: **Crustacea (Isopoda), freshwater**]
- Baratti M, Goti E, **Messana G** (2005) High level of genetic differentiation in the marine isopod *Sphaeroma terebrans* (Crustacea Isopoda Sphaeromatidae) as inferred by mitochondrial DNA analysis. *Journal of Experimental Marine Biology and Ecology* 315: 225–234. [KW: **Crustacea (Isopoda), marine**]
- Baratti M, Yacoubi-khebiza M, **Messana G** (2004) Microevolutionary processes in the stygobitic genus *Typhlocirolana* (Isopoda Flabellifera Cirolanidae) as inferred by

- partial 12S and 16S rDNA sequences. *Journal of Zoological Systematics and Evolutionary Research* 42: 27–32. [KW: **Crustacea (Isopoda), freshwater**]
- Barco A, Evans J, Schembri PJ, **Taviani M** (2013) Testing the applicability of DNA barcoding for Mediterranean species of top-shells (Gastropoda, Trochidae, *Gibbula* s.l.). *Marine Biology Research* 9(8): 785–793. [KW: **Mollusca (Gastropoda), marine**]
- Bidegaray-Batista L, **Taiti S**, López-Hernández H, Ribera C, Arnedo MA (2015) Endemism and evolution in the littoral woodlouse *Halophiloscia* Verhoeff, 1908 (Crustacea, Isopoda, Oniscidea) from the Canary Islands: implications for conservation policies. *Insect Conservation and Diversity* 8 (2014): 17–30. DOI: 10.1111/icad.12079. [KW: **Crustacea (Isopoda), terrestrial**]
- Bullini L, Principi MM, Cianchi R, **Pantaleoni RA** (1983) Nuovi dati sulla tassonomia biochimica delle crisope italiane (Neuroptera, Planipennia). In: *Atti XIII Congresso Nazionale Italiano di Entomologia*, Sestriere-Torino: pp. 479–483. [KW: **Hexapoda (Neuroptera), terrestrial**]
- Castiglia R, Aloise G, **Amori G**, Annesi F, Bertolino S, Capizzi D, Mori E, Colangelo P (2017) Italian peninsula hold a divergent mtDNA lineage of water vole *Arvicola amphibius* s.l., including fossorial and aquatic morphotypes. *Hystrix, the Italian Journal of Mammalogy* (in press) [KW: **Vertebrata (Mammalia), terrestrial**]
- Castiglia R, Annesi F, Aloise G, **Amori G** (2007) Mitochondrial DNA reveals different phylogeographic structures in the water shrews *Neomys anomalus* and *N. fodiens* (Insectivora, Soricidae) in Europe. *Journal of Zoological Systematics and Evolutionary Research* 45: 255–262. [KW: **Vertebrata (Mammalia), terrestrial**]
- Castiglia R, Annesi F, Aloise G, **Amori G** (2008) Systematics of the *Microtus savii* complex (Rodentia, Cricetidae) via mitochondrial DNA analyses: paraphyly and pattern of sex chromosome evolution. *Molecular Phylogenetics and Evolution* 46: 1157–1164. [KW: **Vertebrata (Mammalia), terrestrial**]
- Castiglia R, Annesi F, Cattaneo C, Grano M, Milana G, **Amori G** (2012) A new mitochondrial lineage of the edible dormouse, *Glis glis* (Rodentia: Gliridae) in Alonissos (Sporades Archipelago, Greece). *Folia Zoologica* 61: 177–180. [KW: **Vertebrata (Mammalia), terrestrial**]
- Castiglia R, Annesi F, Krystufek B, Filippucci MG, **Amori G** (2009) The evolutionary history of a mammal species with a highly fragmented range: the phylogeography of the snow vole *Chionomys nivalis* (Rodentia, Arvicolidae). *Journal of Zoology* 279: 243–250. [KW: **Vertebrata (Mammalia), terrestrial**]
- Castiglia R, Corti M, **Colangelo P**, Annesi F, Capanna E, Verheyen W, Sichilima AM, Makundi R (2003) Chromosomal and molecular characterization of *Aethomys kaiseri* from Zambia and *Aethomys chrysophilus* from Tanzania (Rodentia, Muridae). *Hereditas* 139: 81–89. [KW: **Vertebrata (Mammalia), terrestrial**]
- Ciminiello P, Dell’Aversano C, Dello Iacovo E, Fattorusso E, Forino M, Tartaglione L, Yasumoto T, Battocchi C, **Giacobbe MG**, Amorim A, Penna A (2013) Investigation of toxin profile of Mediterranean and Atlantic strains of *Ostreopsis* cf. *siamensis* (Dinophyceae) by liquid chromatography–high resolution mass spectrometry. *Harmful Algae* 23: 19–27 [KW: **Myzozoa (Dinophyceae), marine**]
- Cobolli Sbordoni M, Ketmaier V, De Matthaëis E, **Taiti S** (1997) Biochemical systematics and evolutionary relationships in the *Trichoniscus pusillus* complex (Crustacea, Isopoda, Oniscidea). *Heredity* 79: 463–472. [KW: **Crustacea (Isopoda), terrestrial**]

- Cobolli Sbordoni M, **Taiti S**, De Matthaeis E, Ketmaier V (1995) Genetic relationships among populations of the *Oritoniscus paganus* group (Crustacea, Isopoda, Oniscidea) from Corsica and Giannutri (Tuscan Archipelago). *Mémoires de Biospéologie* 22: 13–16. **[KW: Crustacea (Isopoda), terrestrial]**
- Colangelo P, Abiadh A, Aloise G, **Amori G**, Capizzi D, Vasa E, Annesi F, Castiglia R (2015) Mitochondrial phylogeography of the black rat supports a single invasion of the western Mediterranean basin. *Biological Invasions* 17: 1859–1868. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colangelo P**, Aloise G, Franchini P, Annesi F, **Amori G** (2012) Mitochondrial DNA reveals cryptic diversity and an ancestral lineage of the bank vole in the Italian peninsula. *Journal of Zoology* 287: 41–52. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colangelo P**, Bannikova AA, Kryštufek B, Lebedev V, Annesi F, Capanna E, Loy A (2010) Molecular systematics and evolutionary biogeography of the genus *Talpa* (Soricomorpha: Talpidae). *Molecular Phylogenetics and Evolution* 55: 372–380. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colangelo P**, Corti M, Verheyen E, Annesi F, Oguge N, Makundi RH, Verheyen W (2005) Mitochondrial phylogeny reveals differential modes of chromosomal evolution in the genus *Tatera* (Rodentia: Gerbillinae) in Africa. *Molecular Phylogenetics and Evolution* 35: 556–568. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colangelo P**, Granjon L, Taylor PJ, Corti M (2007) Evolutionary systematics in African gerbilline rodents of the genus *Gerbilliscus*: inference from mitochondrial genes. *Molecular Phylogenetics and Evolution* 42: 797–806. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colangelo P**, Leirs H, Castiglia R, D'aes M, Meheretu Y, Verheyen E (2010) New data on the distribution and phylogenetic position of *Mastomys awashensis* (Rodentia, Muridae). *Mammalian Biology* 75: 459–462. **[KW: Vertebrata (Mammalia), terrestrial]**
- Colautti RI, **Manca M**, Viljanen M, Ketelaars HAM, Buergi H, Macisaac HJ, Heath DD (2005) Invasion genetics of the Eurasian spiny waterflea: evidence for bottlenecks and gene flow using microsatellites. *Molecular Ecology* 14: 1869–1879. **[KW: Crustacea (Diplostraca), freshwater]**
- Cooper SJB, Saint KM, **Taiti S**, Austin AD, Humphreys WF (2008) Subterranean archipelago: mitochondrial DNA phylogeography of stygobitic isopods (Oniscidea: *Haloniscus*) from the Yilgarn region of Western Australia. *Invertebrate Systematics* 22: 195–203. **[KW: Crustacea (Isopoda), terrestrial]**
- Costantini F, **Abbiati M** (2016) Insights into the genetic makeup of the mesophotic red coral (*Corallium rubrum*) populations. *Coral Reefs* 35: 39–52. **[KW: Cnidaria (Octocorallia), marine]**
- Costantini F, Gori A, Lopez-Gonzalez P, Bramanti L, Rossi S, Gili J-M, **Abbiati M** (2016) Limited genetic connectivity between Gorgonian morphotypes along a depth gradient. *PLoS ONE* 11(8): e0160678. doi:10.1371/journal.pone.0160678 **[KW: Cnidaria (Octocorallia), marine]**
- Costantini F, **Taviani M**, Remia A, Pintus E, Schembri PJ, **Abbiati M** (2010) Deep-water *Corallium rubrum* (L., 1758) from the Mediterranean Sea preliminary genetic characterization. *Marine Ecology* 31(2): 261–269. **[KW: Cnidaria (Alcyonacea), marine]**

- Debortoli N, Li X, Eyres I, **Fontaneto D**, Hespeels B, Tang CQ, Flot J-F, Van Doninck K (2016) Genetic exchange among bdelloid rotifers is more likely due to horizontal gene transfer than to meiotic sex. *Current Biology* 26: 723–732. **[KW: Rotifera, freshwater]**
- Eckert EM, Fontaneto D**, Coci M, **Callieri C** (2015) Does a barcoding gap exist in prokaryotes? Evidences from species delimitation in Cyanobacteria. *Life* 5: 50–64. **[KW: Cyanobacteria, freshwater]**
- Eckert EM**, Di Cesare A, Stenzel B, **Fontaneto D**, Corno G (2016) *Daphnia* as a refuge for an antibiotic resistance gene in an experimental freshwater community. *Science of The Total Environment* 571: 77–81. **[KW: Bacteroidetes, Proteobacteria (Burkholderiales), freshwater]**
- Eckert EM**, Pernthaler J (2014) Bacterial epibionts of *Daphnia*: a potential route for the transfer of dissolved organic carbon in freshwater food webs. *The ISME Journal, Multidisciplinary Journal of Microbial Ecology* 8: 1808–1819. **[KW: Proteobacteria (Betaproteobacteria), freshwater]**
- Eyres I, Boschetti C, Crisp A, Smith TP, **Fontaneto D**, Tunnacliffe A, Barraclough TG (2015) Horizontal gene transfer in bdelloid rotifers is ancient, ongoing and more frequent in species from desiccating habitats. *BioMedCentral Biology* 13: 90. **[KW: Rotifera, freshwater]**
- Fontaneto D** (2014) Molecular phylogenies as a tool to understand diversity in rotifers. *International Review of Hydrobiology* 99: 178–187. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Barraclough TG, Chen K, Ricci C, Herniou EA (2008) Molecular evidence for broad-scale distributions in bdelloid rotifers: everything is not everywhere but most things are very widespread. *Molecular Ecology* 17: 3136–3146. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Barraclough TG (2015) Do species exist in asexuals? Theory and evidence from bdelloid rotifers. *Integrative and Comparative Biology* 55: 253–263. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Boschetti C, Ricci C (2008) Cryptic speciation in ancient asexuals: evidences from the bdelloid rotifer *Philodina flaviceps*. *Journal of Evolutionary Biology* 21: 580–587. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Flot J-F, Tang CQ (2015) Guidelines for DNA taxonomy, with a focus on the meiofauna. *Marine Biodiversity* 45: 433–451. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Herniou EA, Boschetti C, Caprioli M, Melone G, Ricci C, Barraclough TG (2007) Independently evolving species in asexual bdelloid rotifers. *PLoS Biology* 5: 914–921. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Iakovenko N, Eyres I, Kaya M, Wyman M, Barraclough TG (2011) Cryptic diversity in the genus *Adineta* Hudson & Gosse, 1886 (Rotifera: Bdelloidea: Adinetidae): a DNA taxonomy approach. *Hydrobiologia* 662: 27–33. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Jondelius U (2011) Broad taxonomic sampling of mitochondrial cytochrome c oxidase subunit I does not solve the relationships between Rotifera and Acanthocephala. *Zoologischer Anzeiger* 250: 80–85. **[KW: Rotifera, freshwater]**
- Fontaneto D**, Kaya M, Herniou EA, Barraclough TG (2009) Extreme levels of hidden diversity in microscopic animals (Rotifera) revealed by DNA taxonomy. *Molecular Phylogenetics and Evolution* 53: 182–189. **[KW: Rotifera, freshwater]**

- Fontaneto D**, Tang CQ, Obertegger U, Leasi F, Barraclough TG (2012) Different diversification rates between sexual and asexual organisms. *Evolutionary Biology* 39: 262–270. [KW: **Rotifera, freshwater**]
- Gandolfi A, **Fontaneto D**, Natali M, Lucentini L (2016) Mitochondrial genome of *Esox flaviae* (Southern pike): announcement and comparison with other Esocidae. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis* 27: 3037–3038. [KW: **Vertebrata (Actinopterygii), freshwater**]
- Garthwaite RL, Lawson R, **Taiti S** (1992) Morphologic and genetic relationships among four species of *Armadilloniscus* Uljanin, 1875 (Isopoda: Oniscidea: Scyphacidae). *Journal of Natural History* 26: 327–338. [KW: **Crustacea (Isopoda), terrestrial**]
- Gentilli A, Cardini A, **Fontaneto D**, Zuffi MAL (2009) The phylogenetic signal in cranial morphology of *Vipera aspis*: a contribution from geometric morphometrics. *Herpetological Journal* 19: 69–77. [KW: **Vertebrata (Reptilia), terrestrial**]
- Ghigliotti L**, Cheng C–HC, Ozouf–Costaz C, **Vacchi M**, Pisano E (2015) Cytogenetic diversity of notothenioid fish from the Ross sea: historical overview and updates. *Hydrobiologia* 761(1): 373–396. doi: 10.1007/s10750–015–2355–5 [KW: **Vertebrata (Perciformes), marine**]
- Ghigliotti L**, Christiansen JS, Fevolden S–F, Pisano E (2012) Biodiversity of Arctic fishes: first karyological information on *Gaidropsarus argentatus* (Reinhardt, 1837), a new piece to the puzzle. *Marine Biology Research* 8: 1032–35. doi: 101080/174510002012708419 [KW: **Vertebrata (Gadiformes), marine**]
- Ghigliotti L**, Fevolden S–E, Cheng C–HC, Babiak I, Dettai A, Pisano E (2012) Karyotyping and cytogenetic mapping of Atlantic cod (*Gadus morhua* Linnaeus, 1758). *Animal Genetics* 43(6): 746–752. doi: 101111/j1365–2052201202343x [KW: **Vertebrata (Gadiformes), marine**]
- Ghigliotti L**, Mazzei F, Ozouf–Costaz C, Bonillo C, Williams R, Cheng C–H C, Pisano E (2007) The two giant sister species of the Southern Ocean, *Dissostichus eleginoides* and *Dissostichus mawsoni*, differ in karyotype and chromosomal pattern of ribosomal RNA genes. *Polar Biology* 30: 625–634. doi: 101007/s00300–006–0222–6 [KW: **Vertebrata (Perciformes), marine**]
- Ghigliotti L**, Mazzei F, Ozouf–Costaz C, Christiansen JS, Fevolden S–E, Pisano E (2008) First cytogenetic characterization of the sub–arctic marine fish *Mallotus villosus* (Müller, 1776), Osmeriformes, Osmeridae. *Genetics and Molecular Biology* 31(S1): 180–187. doi: 10.1590/S1415–47572008000200003 [KW: **Vertebrata (Osmeriformes), marine**]
- Ghigliotti L**, Møller P R, Cheng C–HC, Christiansen JS, Fevolden S–E, Pisano E (2012) Exploring the diversity of Arctic eelpouts: first cytogenetic data on species of the genus *Lycodes* (Teleostei, Zoarcidae). *Marine Genomics* 8: 35–41. doi: 101016/j.margen201207001 [KW: **Vertebrata (Perciformes), marine**]
- Ghigliotti L**, Near TJ, Ferrando S, **Vacchi M**, Pisano E (2010) Cytogenetic diversity in the Antarctic plunderfishes (Notothenioidei: Artedidraconidae). *Antarctic Science* 22: 805–814. doi: 101017/S0954102010000660 [KW: **Vertebrata (Perciformes, Notothenioidei), marine**]
- Giacobbe MG**, Penna A, Ceredi A, Milandri A, Poletti R, Yang X (2000) Toxicity and ribosomal DNA of the dinoflagellate *Dinophysis sacculus* (Dinophyta). *Phycologia* 39: 177–182. [KW: **Myzozoa (Dinophyceae), transitional water**]

- Gollner S, **Fontaneto D**, Martinez Arbizu P (2011) Molecular taxonomy confirms traditional classification of deep-sea hydrothermal vent copepods (Dirivultidae) and suggests broad physiological tolerance of species and frequent dispersal along ridges. *Marine Biology* 158: 221–231. [KW: **Crustacea (Copepoda), marine**]
- Gornung E, **Colangelo P**, Annesi F (2007) 5S ribosomal RNA genes in six species of Mediterranean grey mullets: genomic organization and phylogenetic inference. *Genome* 50: 787–795. [KW: **Vertebrata (Actinopterygii), marine**]
- Grandjean F, Verne S, Séchet E, **Taiti S**, Vilisics F, Sfenthourakis S, Johnson M (2011) *Wolbachia* diversity within *Porcellionides* species complex. In: Zidar P, Štrus J (eds) *Proceedings of the 8th International Symposium of Terrestrial Isopod Biology ISTIB* (2011) University of Ljubljana, Biotechnical Faculty, Department of Biology, pp. 69–71. [KW: **Crustacea (Isopoda), terrestrial**]
- Grill A, **Amori G**, Aloise G, Lisi I, Tosi G, Wauters L, Randi E (2009) Molecular phylogeography of European *Sciurus vulgaris*: refuge within refugia? *Molecular Ecology* 18: 2687–2699. [KW: **Vertebrata (Mammalia), terrestrial**]
- Guerao G, Andree KB, **Frogliola C**, Simeó CG, Rotllant G (2011) Identification of European species of *Maja* (Decapoda: Brachyura: Majidae): RFLP analyses of COI mtDNA and morphological considerations. *Scientia Marina* 75(1): 129–134. [KW: **Crustacea (Decapoda), marine**]
- Hurtado LA, Lee EJ, Mateos M, **Taiti S** (2014) Global diversification at the harsh sea-land interface: mitochondrial phylogeny of the supralittoral isopod genus *Tylos* (Tyliidae, Oniscidea). *PlosONE* 9(4): e94081, 10 pp. doi:10.1371/journal.pone.0094081 [KW: **Crustacea (Isopoda), terrestrial**]
- Jaarola M, Martinkova N, Gündüz I, Brunhoff C, Zima J, Nadachowski A, **Amori G**, Bulatova N, Chondropoulos B, Fragiedakis-Tsolis S, Gonzalez-Esteban J, Lopez-Fuster MJ, Kandaurov A, Mathias ML, Tez C, Villate I, Searle JB (2004) Molecular phylogeny of the speciose vole genus *Microtus* (Arvicolinae, Rodentia) inferred from mitochondrial DNA sequences. *Molecular Phylogenetics and Evolution* 33: 647–663. [KW: **Vertebrata (Mammalia), terrestrial**]
- Kaya M, Herniou EA, Barraclough TG, **Fontaneto D** (2009) Inconsistent estimates of diversity between traditional and DNA taxonomy in bdelloid rotifers. *Organisms, Diversity and Evolution* 9: 3–12. [KW: **Rotifera, freshwater**]
- Keller B, Wolinska J, **Manca M**, Spaak P (2008) Spatial, environmental and anthropogenic effects on the taxon composition of hybridizing *Daphnia*. *Philosophical Transactions of the Royal Society B: Biological Sciences* 363: 2943–2952. [KW: **Crustacea (Cladocera), freshwater**]
- Ketmaier V, Argano R, Cobolli M, De Matthaëis E, **Messana G** (1999) Cladogenetic events in two relict species of Stenasellidae (Crustacea, Isopoda) from Sardinia Island (Tyrrhenian Sea): a biochemical approach. *Vie et milieu* 49: 93–99. [KW: **Crustacea (Isopoda), freshwater**]
- Ketmaier V, Argano R, Cobolli M, De Matthaëis E, **Messana G** (2000) Biochemical biogeography and evolutionary relationships among the six known populations of *Stenasellus racovitzai* (Crustacea Isopoda) from Tuscany, Corsica and Sardinia. *Archiv fuer Hydrobiologie* 147: 297–309. [KW: **Crustacea (Isopoda), freshwater**]
- Ketmaier V, Argano R, Cobolli M, De Matthaëis E, **Messana G** (2001) A systematic and biogeographical study of epi- and hypogean populations of the *Proasellus* species group from Sardinia, central Italy and Jordan: allozyme insights. *Journal of Zoological*

- Systematics Evolutionary Research* 38: 1–9. [KW: **Crustacea (Isopoda), freshwater**]
- Kieneke A, Martinez Arbizu P, **Fontaneto D** (2012) Spatially structured populations with a low level of cryptic diversity in European marine Gastrotricha. *Molecular Ecology* 21: 1239–1254. [KW: **Gastrotricha, marine**]
- Kryštufek B, Klenovše K, **Amori G**, Janžekovič F (2015) Captured in "continental archipelagos": Phylogenetic and environmental framework of cranial variation in the European snow vole. *Journal of Zoology* 297: 270–277. [KW: **Vertebrata (Mammalia), terrestrial**]
- La Cono V**, La Spada G, Arcadi E, Placenti F, Smedile F, Ruggeri G, Michaud L, Raffa C, De Domenico E, Sprovieri M, Mazzola S, Genovese L, Giuliano L, Slepak VZ, **Yakimov MM** (2013) Partaking of Archaea to biogeochemical cycling in oxygen-deficient zones of meromictic saline Lake Faro (Messina, Italy). *Environmental Microbiology* 15: 1717–1733. [KW: **Euryarchaeota, Thaumarchaeota, marine**]
- La Cono V**, Smedile F, Bortoluzzi G, Arcadi E, Maimone G, Messina E, Borghini M, Oliveri E, Mazzola S, L'haridon S, Toffin L, Genovese L, Ferrer M, Giuliano L, Golyshin PN, **Yakimov MM** (2011) Unveiling microbial life in new deep-sea hypersaline Lake Thetis. Part I: Prokaryotes and environmental settings. *Environmental Microbiology* 13: 2250–2268. doi: 10.1111/j.1462-2920.2011.02478.x [KW: **Euryarchaeota, Proteobacteria, marine**]
- La Cono V**, Smedile F, La Spada G, Arcadi E, Genovese M, Ruggeri G, Genovese L, Giuliano L, **Yakimov MM** (2015) Shifts in the meso- and bathypelagic archaea communities composition during recovery and short-term handling of decompressed deep-sea samples. *Environmental Microbiology Reports* 7: 450–459. [KW: **Crenarchaeota, Thaumarchaeota, marine**]
- La Cono V**, Tamburini C, Genovese L, La Spada G, Denaro R, **Yakimov MM** (2009) Cultivation-independent assessment of the bathypelagic archaeal diversity of Tyrrhenian Sea: comparative study of rDNA and rRNA-derived libraries and influence of sample decompression. *Deep-Sea Research II* 56: 768–773. [KW: **Crenarchaeota, Euryarchaeota, marine**]
- Leasi F, Tang CQ, De Smet WH, **Fontaneto D** (2013) Cryptic diversity with wide salinity tolerance in the putative euryhaline *Testudinella clypeata* (Rotifera, Monogononta). *Zoological Journal of the Linnean Society* 168: 17–28. [KW: **Rotifera, marine**]
- Lopes-Lima M, Froufe E, Do Tu V, Ghamizi M, Mock K.E, Kebapçı Ü, Klishko O, Kovitvadhi S, Kovitvadhi U, Paulo OS, Pfeiffer JM, Raley M, **Riccardi N**, Şereflişan H, Sousa R, Teixeira A, Varandas S, Wu X, Zanatta DT, Zieritz A, Bogan AE (2017) Phylogeny of most species-rich freshwater bivalve family (Bivalvia: Unionida: Unionidae): Defining modern subfamilies and tribes. *Molecular Phylogenetics and Evolution* 106: 174–191. [KW: **Mollusca (Bivalvia), freshwater**]
- Lopes-Lima M, Sousa R, Teixeira A, Varandas S, **Riccardi N**, Aldridge DC, Froufe E (2016) Newly developed microsatellite markers for the pan-European duck mussel, *Anodonta anatina*: revisiting the main mitochondrial lineages. *Aquatic Conservation Marine and Freshwater Ecosystems* 26: 307–318. [KW: **Mollusca (Bivalvia), freshwater**]
- Lucentini L, Gigliarelli L, Puletti ME, Palomba A, Caldelli A, **Fontaneto D**, Panara F (2013) Spatially explicit genetic structure in the freshwater sponge *Ephydatia fluviatilis* (Linnaeus, 1759) in the framework of the monopolisation hypothesis. *Journal of Limnology* 72: 172–181. [KW: **Porifera, freshwater**]

- Lucentini L, Rebora M, Puletti ME, Gigliarelli L, **Fontaneto D**, Gaino E, Panara F (2011) Geographical and seasonal evidence of cryptic diversity in the *Baetis rhodani* complex (Ephemeroptera, Baetidae) revealed by means of DNA taxonomy. *Hydrobiologia* 673: 215–228. [KW: **Hexapoda (Ephemeroptera), freshwater**]
- Malekzadeh Viayeh R, Pak Tarmani R, Rostamkhani N, **Fontaneto D** (2014) Diversity of the rotifer *Brachionus plicatilis* species complex (Rotifera: Monogononta) in Iran through integrative taxonomy. *Zoological Journal of the Linnean Society* 170: 233–244. [KW: **Rotifera, freshwater**]
- Manghisi A, Bertuccio C, **Armeli Minicante S**, Fiore V, Le Gall L, Genovese G, Morabito M (2011) Identifying alien macroalgae through DNA barcodes: the case of *Hypnea cornuta* (Cystocloniaceae, Rhodophyta). *Transitional Water Bulletin* 5(1): 42–49. [KW: **Rhodophyta, marine**]
- Mantovani B, Scali V, **Frogliola C** (1992) Allozymic characterization and phyletic relationships among four species of the genus *Liocarcinus* Stimpson, 1871 (Crustacea Decapoda). *Zoologischer Anzeiger* 229(5/6): 237–247. [KW: **Crustacea (Decapoda), marine**]
- Marková S, Dufresne F, **Manca M**, Kotlík P (2013) Mitochondrial capture misleads about ecological speciation in the *Daphnia pulex* complex. *PloS one* 8(7): e69497. [KW: **Crustacea (Diplostraca), freshwater**]
- Martinez A**, Di Domenico M, Worsaae K (2014) Gain of palps within a lineage of ancestrally burrowing annelids (Scalibregmatidae). *Acta Zoologica* 95(4): 421–429. DOI:10.1111/azo.12039. [KW: **Annelida (Polychaeta), marine**]
- Mazzei F, **Ghigliotti L**, Coutanceau J–P, Detrich HW III, Prirodina V, Ozouf–Costaz C, Pisano E (2008) Chromosomal characteristics of the temperate notothenioid fish *Eleginops maclovinus* (Cuvier). *Polar Biology* 31: 629–634. doi: 101007/s00300–007–0399–3 [KW: **Vertebrata (Perciformes), marine**]
- Mazzei F, **Ghigliotti L**, Lecointre G, Ozouf–Costaz C, Coutanceau J–P, Detrich HW III, Pisano E (2006) Karyotypes of basal lineages in notothenioid fishes: the genus *Bovichtus*. *Polar Biology* 29: 1071–1076. doi: 101007/s00300–006–0151–4 [KW: **Vertebrata (Perciformes), marine**]
- Messana G**, Cobolli Sbordoni M, De Matthaëis E, Ketmaier V, Argano R (1995) A preliminary essay on the biogeography of Italian Stenasellids. *Mémoires de Biospéologie* 22: 109–114. [KW: **Crustacea (Isopoda), freshwater**]
- Modica MV, **Colangelo P**, Hallgass A, Barco A, Oliverio M (2016) Cryptic diversity in a chirally variable land snail. *Italian Journal of Zoology* (in press) [KW: **Mollusca (Gastropoda), terrestrial**]
- Möst M, Petrusek A, Sommaruga R, Juračka PJ, Slusarczyk M, **Manca M**, Spaak P (2013) At the edge and on the top: molecular identification and ecology of *Daphnia dentifera* and *D. longispina* in high-altitude Asian lakes. *Hydrobiologia* 715: 51–62. [KW: **Crustacea (Diplostraca), freshwater**]
- Mouton A, Grill A, Sara' M, Kryštufek B, Randi E, **Amori G**, Juškaitis R, Aloise G, Mortelliti A, Panchetti F, Michaux J (2012) Evidence of a complex phylogeographic structure in the common dormouse, *Muscardinus avellanarius* (Rodentia: Gliridae). *Biological Journal of the Linnean Society* 105: 648–664. [KW: **Vertebrata (Mammalia), terrestrial**]
- Mouton A, Grill A, Sara' M, Krystufek B, Randi E, **Amori G**, Juskaitis R, Aloise G, Mortelliti A, Verbeylen G, Panchetti F, Poitevin F, Michaux J (2012) Using phylogeography to

- promote dormouse conservation: the case of *Muscardinus avellanarius* (Rodentia, Gliridae). *Peckiana* 8: 233–242. **[KW: Vertebrata (Mammalia), terrestrial]**
- Mouton A, Mortelliti A, Grill A, Sarà M, Kryštufek B, Juškaitis R, Latinne A, **Amori G**, Randi E, Büchner S, Schulz B, Ehlers S, Lang J, Adamik P, Verbeylen G, Dorenbosch M, Trout R, Elmeros M, Aloise G, Mazzoti S, Matur F, Poitevin F, Michaux JR (2016) Evolutionary history and species delimitations: a case study of the hazel dormouse, *Muscardinus avellanarius*. *Conservation Genetics* (in press) **[KW: Mammalia, terrestrial]**
- Obertegger U, Flaim G, **Fontaneto D** (2014) Cryptic diversity within the rotifer *Polyarthra dolichoptera* along an altitudinal gradient. *Freshwater Biology* 59: 2413–2427. **[KW: Rotifera, freshwater]**
- Obertegger U, **Fontaneto D**, Flaim G (2012) Using DNA taxonomy to investigate the ecological determinants of plankton diversity: occurrence of *Synchaeta* (Rotifera, Monogononta) in mountain lakes. *Freshwater Biology* 57: 1545–1553. **[KW: Rotifera, freshwater]**
- Papakostas S, Michaloudi E, Proios K, Brehm M, Verhage L, Rota J, Pena C, Stamou G, Pritchard VL, **Fontaneto D**, Declerck SAJ (2016) Integrative taxonomy recognizes evolutionary units despite widespread mitonuclear discordance: evidence from a rotifer cryptic species complex. *Systematic Biology* 65: 508–524. **[KW: Rotifera, freshwater]**
- Passamonti M, Mantovani B, Scali V, **Frogliola C** (1997) Genetic differentiation of European species of *Liocarcinus* (Crustacea: Portunidae): a gene–enzyme study. *Zoologischer Anzeiger* 235: 157–164. **[KW: Crustacea (Decapoda), marine]**
- Penna A, Battocchi C, Garcés E, Anglès S, Cucchiari E, Totti C, Kremp A, Satta C, **Giacobbe MG**, Bravo I, Bastianini M (2010) Detection of microalgal resting cysts in European coastal sediments using PCR– based assay. *Deep Sea Research II. Topical Studies in Oceanography* 57: 288–300. **[KW: Myzozoa (Dinophyceae), marine]**
- Penna A, Bertozzini E, Battocchi C, Galluzzi L, **Giacobbe MG**, Vila M, Garcés E, Lugliè A, Magnani M (2007) Monitoring of HAB species in the Mediterranean Sea through molecular methods. *Journal of Plankton Research* 29(1): 19–38. **[KW: Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae, Raphidophyceae), marine]**
- Penna A, Bertozzini E, Battocchi C, **Giacobbe MG**, Galluzzi L, Lugliè A, Masò M, Prioli S, Milandri A, Magnani M (2006) Monitoraggio di aree costiere interessate da fioriture di fitoplancton tossico: approcci molecolari e nuove proposte di controllo. *Biologia Marina Mediterranea* 13(1): 1036–1038. **[KW: Myzozoa (Dinophyceae), marine]**
- Penna A, Fraga S, Battocchi C, Casabianca S, **Giacobbe MG**, Riobò P, Vernesi C (2010) A phylogeographic study of the toxic benthic dinoflagellate *Ostreopsis* Schmidt. *Journal of Biogeography* 37: 830– 841. **[KW: Myzozoa (Dinophyceae), marine]**
- Penna A, Fraga S, Battocchi C, Casabianca S, Perini F, Capellacci S, Casabianca A, Riobò P, **Giacobbe MG**, Totti C, Accoroni S, Vila M, Reñé A, Scardi M, Aligizaki K, Nguyen–Ngoc L, Vernesi C (2012) Genetic diversity of the genus *Ostreopsis* Schmidt: phylogeographical considerations and molecular methodology applications for field detection in the Mediterranean Sea. *Cryptogamie, Algologie* 33(2): 153–163. **[KW: Myzozoa (Dinophyceae), marine]**
- Penna A, Fraga S, Masò M, **Giacobbe MG**, Bravo I, Garcés E, Vila M, Bertozzini E, Andreoni F, Lugliè A, Vernesi C (2008) Phylogenetic relationships among the Mediterranean *Alexandrium* (Dinophyceae) species based on sequence of 5,8 S

- gene and Internal Transcript Spacers of the rRNA operon. *European Journal of Phycology* 43: 163–178. [KW: **Myzozoa (Dinophyceae), marine**]
- Penna A, Fusco G, Bertozzini E, Vila M, Garcés E, **Giacobbe MG**, Lugliè A, Masò M, Galluzzi L, Magnani M (2006) Monitoring of HAB species in the Mediterranean Sea through a filter system–PCR assay detection method. *African Journal of Marine Science* 28(2): 241–243. [KW: **Myzozoa (Dinophyceae), Ochrophyta (Bacillariophyceae, Raphidophyceae), marine**]
- Penna A, Gangemi E, Vila M, **Giacobbe MG**, Garcés E, Florean S, Andreoni F (2001) A preliminary survey of Ostreopsidaceae (Dinophyta) in the Mediterranean: Molecular and morphological analyses of different isolates. *Phycologia* 40(4): 51–52. [KW: **Myzozoa (Dinophyceae), marine**]
- Penna A, **Giacobbe MG**, Andreoni F, Garcés E, Berluti S, Penna N, Magnani M (2001) Blooms of *Alexandrium taylori* (Dinophyceae) in the Mediterranean: a preliminary molecular analysis of different isolates. In: Hallegraeff GM, Blackburn SI, Bolch CJ, Lewis RJ (eds) *Harmful Algal Blooms 2000* Intergovernmental Oceanographic Commission, UNESCO, Paris, pp. 218–221. [KW: **Myzozoa (Dinophyceae), marine**]
- Penna A, Perini F, Dell'Aversano C, Capellacci S, Tartaglione L, **Giacobbe MG**, Casabianca S, Fraga S, Ciminiello P, Scardi M (2015) The sxt gene and paralytic shellfish poisoning toxins as markers for the monitoring of toxic *Alexandrium* species blooms. *Environmental Science & Technology* 49: 14230–14238. [KW: **Myzozoa (Dinophyceae), marine**]
- Penna A, Vila M, Fraga S, **Giacobbe MG**, Andreoni F, Riobò P, Vernesi C (2005) Characterization of *Ostreopsis* and *Coolia* (Dinophyceae) isolates in the western Mediterranean Sea based on morphology, toxicity and internal transcribed spacer 5.8S rDNA sequences. *Journal of Phycology* 41: 212–225. [KW: **Myzozoa (Dinophyceae), marine**]
- Penna A, Vila M, Fraga S, **Giacobbe MG**, Gangemi E, Andreoni F, Garcés E, Masó M, Magnani M (2005) Population diversity of Ostreopsidaceae: a preliminary study on the genetics, morphology and toxicity. In: Steidinger KA, Landsberg JH, Tomas CR, Vargo GA (eds) *Harmful Algae 2002* Florida Fish and Wildlife Conservation Commission & IOC of UNESCO, pp. 431–433. [KW: **Myzozoa (Dinophyceae), marine**]
- Pisano E, **Ghigliotti L**, Mazzei F, Hureau J–C, Bonillo C, Williams R, Ozouf–Costaz C (2011) The contribution of the Aurora Australis “THIRST” voyage (Heard Island, Austral winter 1993) to the cytogenetics of Antarctic fish. In: Duhamel G, Welsford DC (eds) *The Kerguelen Plateau: marine ecosystem and fisheries*. Société française d'ichtyologie, Paris: pp. 122–123. [KW: **Vertebrata (Perciformes), marine**]
- Pisano E, **Ghigliotti L**, Mazzei F, Ozouf–Costaz C (2003) Cytogenetic features of *Notothenia angustata* Hutton, 1875 an antarctic fish living in non–antarctic waters. In: Huiskes AHL, Gieskes WWC, Rozema J, Schorno RML, van der Vies SM, Wolff WJ (eds) *Antarctic Biology in a Global Context*, Backhuys Publishers, Leiden, The Netherlands: pp. 117–120. [KW: **Vertebrata (Perciformes), marine**]
- Piscia R**, Jaromir S, Bonacina C, **Manca M** (2006) On the presence of *Daphnia galeata* in Lake Orta (N. Italy). *Journal of Limnology* 65: 114–120. [KW: **Crustacea (Diplostraca), freshwater**]
- Plazzi F, **Ceregato A**, **Taviani M**, Passamonti M (2011) A Molecular Phylogeny of Bivalve Mollusks: Ancient Radiations and Divergences as Revealed by Mitochondrial Genes.

- PLoS ONE* 6(11): e27147. doi:10.1371/journal.pone.0027147. [KW: **Mollusca (Bivalvia), marine**]
- Quero GM, Luna GM** (2014) Diversity of rare and abundant bacteria in surface waters of the Southern Adriatic Sea. *Marine Genomics* 17: 9–15. [KW: **Actinobacteria, Bacteroidetes, Cyanobacteria, Proteobacteria, Verrucomicrobia, marine**]
- Riccardi N**, Lopes-Lima M, Froufe E, Mazzoli C (2016) When and how? Freshwater mussel recolonization in Lake Orta. *Journal of Limnology* (Special Issue: Lake Orta: A new lease on life) 75(s2): 120–130. [KW: **Mollusca (Bivalvia), freshwater**]
- Riccardi N**, Lucini L, Benagli C, Welker M, Wicht B, Tonolla M (2012) Potential of Matrix Assisted Laser Desorption/Ionization Time-Of-Flight Mass Spectrometry for the identification of freshwater zooplankton: a pilot study with three *Eudiaptomus* (Copepoda: Diaptomidae) species. *Journal of Plankton Research* 34: 484–492. [KW: **Crustacea (Copepoda), freshwater**]
- Rivera MAJ, Howarth FG, **Taiti S**, Roderick GK (2002) Evolution in Hawaiian cave-adapted isopods (Oniscidea: Philosciidae): vicariant speciation or adaptive shifts? *Molecular Phylogenetics and Evolution* 25: 1–9. [KW: **Crustacea (Isopoda), terrestrial**]
- Santamaria CA, Mateos M, **Taiti S**, De Witt TJ, Hurtado LA (2013) A complex evolutionary history in a remote archipelago: phylogeography and morphometrics of the Hawaiian endemic *Ligia* isopods. *PlosONE* 8(12): e85199, 14 pp. doi 10.1371/journal.pone.0085199 [KW: **Crustacea (Isopoda), terrestrial**]
- Serra G**, Maestrone GB, Baratti M, Lentini A (2014) Genetic variation in Sardinian populations of the Green oak leaf roller *Tortrix viridana* L. (Lepidoptera, Tortricidae). Integrated Protection in Oak Forests *IOBC/WPRS Bulletin* 101: 221–225. [KW: **hexapoda (Lepidoptera), terrestrial**]
- Sorokin DY, Kublanov IV, Gavrillov SN, Rojo D, Roman P, Golyshin PN, Slepak VZ, Smedile F, Ferrer M, Messina E, **La Cono V, Yakimov MM** (2016) Elemental sulfur and acetate can support life of a novel strictly anaerobic haloarchaeon. *The ISME Journal, Multidisciplinary Journal of Microbial Ecology* 10: 240–252. doi: 10.1038/ismej.2015.79 [KW: **Euryarchaeota (Halobacteriales), marine**]
- Stock A, Breiner HW, Pachiadaki M, Edgcomb V, Filker S, **La Cono V, Yakimov MM**, Stoeck T (2012) Microbial eukaryote life in the new hypersaline deep-sea basin Thetis. *Extremophiles* 16: 21–34. doi 10.1007/s00792-011-0401-4 [KW: **Ascomycota, Basidiomycota, Ciliophora, Myzozoa, marine**]
- Sun Y, Wong E, **Keppel E**, Williamson J, Kupriyanova E (2017) A global invader or a complex of regionally distributed species? Clarifying the status of an invasive calcareous tubeworm *Hydroides dianthus* (Verrill, 1873) (Polychaeta: Serpulidae) using barcoding. *Marine Biology* 164: 1–12. <http://link.springer.com/article/10.1007/s00227-016-3058-9> [KW: **Annelida (Polychaeta), marine**]
- Taiti S**, Filippelli M, Bedek J, Baratti M (2011) Molecular and morphological analyses in two genera of Trichoniscidae with and without gland-piliferous organs (Isopoda, Oniscidea). In: Zidar P, Štrus J (eds) *Proceedings of the 8th International Symposium of Terrestrial Isopod Biology ISTIB* (2011) University of Ljubljana, Biotechnical Faculty, Department of Biology, pp. 43–44. [KW: **Crustacea (Isopoda), terrestrial**]
- Tang CQ, Humphreys A, **Fontaneto D**, Barraclough TG (2014) Effects of phylogenetic reconstruction on the robustness of species delimitation methods using single-locus data. *Methods in Ecology and Evolution* 5: 1086–1094. [KW: **Hesapoda (Diptera) freshwater, terrestrial**]

- Tang CQ, Leasi F, Obertegger U, Kieneke A, Barraclough TG, **Fontaneto D** (2012) The widely used small subunit 18S rDNA molecule greatly underestimates true diversity in biodiversity surveys of the meiofauna. *Proceedings of the National Academy of Sciences USA* 109: 16208–16212. [KW: **meiofauna, freshwater, marine**]
- Tang CQ, Obertegger U, **Fontaneto D**, Barraclough TG (2014) Sexual species are separated by larger genetic gaps than asexual species in rotifers. *Evolution* 68: 2901–2916. [KW: **Rotifera, freshwater**]
- Tomaszkiewicz M, Hautecoeur M, Coutanceau J–P, Bonillo C, Dettai A, Mazzei F, **Ghigliotti L**, Pisano E, Couloux A, Chanut B, Lecointre G, Detrich III WH, Duhamel G, Ozouf–Costaz C (2011) Comparative cytogenetic studies of the Nototheniidae (Teleostei: Acanthomorpha) from the Indian (Kerguelen–Heard Plateau) and Atlantic (South Georgia, South Sandwich, Falkland/Malvinas, Bouvet Islands) sectors of the Southern Ocean. In: Duhamel G, Welsford DC (eds) *The Kerguelen Plateau: marine ecosystem and fisheries*. Société française d'ichtyologie, Paris, pp. 109–121. [KW: **Vertebrata (Perciformes), marine**]
- Vega R, **Amori G**, Aloise G, Cellini S, Loy A, Searle JB (2010) Genetic and morphological variation in a Mediterranean glacial refugium: evidence from Italian pygmy shrew (*Sorex minutus* Mammalia, Soricomorpha). *Biological Journal of the Linnean Society* 100: 774–787. [KW: **Vertebrata (Mammalia), terrestrial**]
- Vergilino R, Markova S, Ventura M, **Manca M**, Dufresne F (2011) Reticulate evolution of the *Daphnia pulex* complex as revealed by nuclear markers. *Molecular Ecology* 20: 1191–1207. [KW: **Crustacea (Diplostraca), freshwater**]
- Villamor A, Costantini F, **Abbiati M** (2014) Connectivity patterns across biogeographic boundaries in the sea: evidence from genetic structure of seven invertebrate species. *PLoS ONE* 9(7): e101135. doi:10.1371/journal.pone.0101135 [KW: **Crustacea (Cirripedia), Mollusca (Gastropoda, Polyplacophora), Porifera (Demospongiae), Urochordata (Ascidacea), marine**]
- Volta P**, Riccardi N, Lauceri R, Tonolla M (2012) Characterization and separation of freshwater fish species by Matrix-Assisted Laser Desorption/Ionization-time of flight mass spectrometry (MALDI-TOF MS): a pilot study. *Journal of Limnology* 71: 164–169. [KW: **Vertebrata (Actinopterygii), freshwater**]
- Yakimov MM**, **La Cono V**, La Spada G, Bortoluzzi G, Messina E, Smedile F, Arcadi E, Borghini M, Ferrer M, Schmitt-Kopplin P, Hertkorn N, Cray JA, Hallsworth JE, Golyshin PN, Giuliano L (2015) Microbial community of the deep-sea brine Lake Kryos seawater-brine interface is active below the chaotropy limit of life as revealed by recovery of mRNA. *Environmental Microbiology* 17: 364–382. doi: 10.1111/1462-2920.12587 [KW: **Proteobacteria, marine**]
- Yakimov MM**, **La Cono V**, Slepak VZ, La Spada G, Arcadi E, Messina E, Borghini M, Monticelli LS, Rojo D, Barbas C, Golyshina OV, Ferrer M, Golyshin PN, Giuliano L (2013) Microbial life in the Lake Medee, the largest deep-sea salt-saturated formation. *Scientific reports* 35: 368–373. doi:10.1038/srep03554 [KW: **Crenarchaeota, marine**]

COLLECTIONS

IAMC Taranto:

- Erbario Istituto Sperimentale Talassografico "A. Cerruti" TAR (http://sweetgum.nybg.org/science/ih/herbarium_details.php?irn=124336) containing 335 macroalgae and phanerogam samples (Rhodophyta, Chlorophyta, Ochrophyta, Spermatophyta) mainly from the Ionian Sea, dating back to 1984 up today. Curators: E Cecere, A Petrocelli, G Portacci
- Fishes Collection (temporarily closed collection)

IAMC Messina:

- Live cultures of toxic marine dinoflagellates (created by MG Giacobbe)
- Fishes Collection

IAMC Napoli:

- Benthic and Plankton Foraminifera samples Collection (fossil and living fauna)
- Living Coccolithophores and Calcareous Nannofossils samples Collection

ISE Firenze:

- Terrestrial Isopods (Crustacea, Isopoda, Oniscidea), about 1500 species all catalogued by F Ferrara and S Taiti (in S Taiti's Lab, to be deposited in the Museo Zoologico "La Specola" dell'Università, Firenze).
- Groundwater and Marine Isopoda plus other Crustaceans. About 1500 samples (in alcohol, with some specimens mounted on slides), mostly collected during the expeditions to East and North Africa, (in the G Messina lab, to be deposited in the Museo Zoologico dell'Università "La Specola", Firenze).

ISE Verbania:

- Freshwater bivalves dry shells + frozen soft tissues: about 1000 samples from Italian water bodies, linked to molecular identification. (in N Riccardi Lab)

ISMAR Venezia:

- Herbarium "*Algarium Veneticum*" (IH <ISMAR>; http://sweetgum.nybg.org/science/ih/herbarium_details.php?irn=241461) containing 1169 historical samples and about 300 modern samples of macrophytes of the Venice Lagoon, curated by S Armeli Minicante and A Ceregato.
- Macrozoobentic organisms belonging to different taxonomic groups preserved in ethanol curated by D Tagliapietra and F Maggiore
- Planktonic organisms belonging to different taxonomic groups preserved in formalin or ethanol curated by E Camatti and M Pansera
- Benthic Foraminifera collection curated by S Donnici

ISMAR Ancona:

- Fishes Collection (400 lots)
- Dry Bivalves curated by Dr. C Frogliani and G Fabi's team
- Macrozoobenthic organisms belonging to different taxonomic groups conserved in ethanol curated by G Fabi's team

ISMAR Bologna:

- Foraminifera Collection (fossil and living fauna) curated by L Capotondi
- Corals, Mollusks and other invertebrates curated by M Taviani (the majority was deposited to Museo di Zoologia dell'Università di Bologna).

APPENDIX A

The species, keeping the original name of description without synonym, are listed in alphabetic order and from Kingdom to Species name. Habitat: M= Marine; F= Freshwater; T=terrestrial.

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Annelida	Polychaeta			Phyllodocida	Nereidae	<i>Nereis</i>		<i>Nereis usticensis</i>	Cantone, Catalano, Badalamenti, 2001	M
Animalia	Annelida	Polychaeta			Phyllodocida	Sigalionidae	<i>Pisionidens</i>		<i>Pisionidens ixazaluohae</i>	Petersen, Gonzalez, Martínez, Worsaae, 2016	M
Animalia	Annelida	Polychaeta			Phyllodocida	Syllidae	<i>Exogone</i>	<i>Parexogone</i>	<i>Exogone cognettii</i>	Castelli, Badalamenti, Lardicci, 1987	M
Animalia	Annelida	Polychaeta			Phyllodocida	Syllidae	<i>Sphaerosyllis</i>	-	<i>Sphaerosyllis iliffei</i>	Núñez, Martínez, Brito, 2009	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Nerillidae	<i>Megamerilla</i>	-	<i>Megamerilla cesari</i>	Worsaae, Martínez, Núñez J, 2009	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Orbiniidae	<i>Schroederella</i>	-	<i>Schroederella laubieri</i>	Badalamenti & Castelli, 1991	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Protodrilidae	<i>Claudrilus</i>	-		Martínez, Di Domenico, Rouse, Worsaae, 2015	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Protodrilidae	<i>Lindrilus</i>	-		Martínez, Di Domenico, Rouse, Worsaae, 2015	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Protodrilidae	<i>Megadrilus</i>	-		Martínez, Di Domenico, Rouse, Worsaae, 2015	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Protodrilidae	<i>Megadrilus</i>	-	<i>Megadrilus pelagicus</i>	Martínez, Kvinderbjerg, Iliffe, Worsaae, 2016	M
Animalia	Annelida	Polychaeta		Incertae sedis	-	Protodrilidae	<i>Meiodrilus</i>	-		Martínez, Di Domenico, Rouse, Worsaae, 2015	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Annelida	Polychaeta		Incertae sedis		Protodrilidae	<i>Protodrilus</i>		<i>Protodrilus draco</i>	Martínez, Di Domenico, Jörgen, Norenburg, Worsaae, 2013	M
Animalia	Annelida	Polychaeta		Incertae sedis		Protodrilidae	<i>Protodrilus</i>		<i>Protodrilus hochbergi</i>	Martínez, Di Domenico, Jörgen, Norenburg, Worsaae, 2013	M
Animalia	Annelida	Polychaeta		Incertae sedis		Protodrilidae	<i>Protodrilus</i>		<i>Protodrilus ovarium</i>	Di Domenico, Martínez, Lana, Worsaae, 2013	M
Animalia	Annelida	Polychaeta		Incertae sedis		Protodrilidae	<i>Protodrilus</i>		<i>Protodrilus pythonius</i>	Di Domenico, Martínez, Lana, Worsaae, 2013	M
Animalia	Annelida	Polychaeta		Incertae sedis		Protodrilidae	<i>Protodrilus</i>		<i>Protodrilus smithsoni</i>	Martínez, Di Domenico, Jörgen, Norenburg, Worsaae, 2013	M
Animalia	Annelida	Polychaeta		Incertae sedis		Psammodrilidae	<i>Psammodrilus</i>		<i>Psammodrilus curinigallettii</i>	Worsaae, Kvindebjerg, Martínez, 2015	M
Animalia	Annelida	Polychaeta		Incertae sedis		Saccociridae	<i>Pharyngocirrus</i>			Di Domenico, Martínez, Lana, Worsaae, 2014	M
Animalia	Annelida	Polychaeta		Incertae sedis		Scalibregmatidae	<i>Axiokebuita</i>		<i>Axiokebuita cavernicola</i>	Martínez, Di Domenico, Worsaae, 2013	M
Animalia	Arthropoda	Branchiopoda		Phyllopoda	Diplostraca	Daphniidae	<i>Daphnia</i>		<i>Daphnia himalaya</i>	Manca, Martín, Peñalva-Arana, Benzie, 2006	F
Animalia	Arthropoda	Insecta		Pterygota	Coleoptera	Cleridae	<i>Opilo</i>		<i>Opilo orocastaneus</i>	Zappi, Pantaleoni, 2010	T
Animalia	Arthropoda	Insecta		Pterygota	Diptera	Chironomidae	<i>Pseudosmittia</i>		<i>Pseudosmittia fabioi</i>	Boggero, Zaupa, Rossaro, 2014	T
Animalia	Arthropoda	Insecta		Pterygota	Neuroptera	Ascalaphidae	<i>Agadirius</i>			Badano, Pantaleoni, 2012	T
Animalia	Arthropoda	Insecta		Pterygota	Neuroptera	Ascalaphidae	<i>Agadirius</i>		<i>Agadirius trojani</i>	Badano, Pantaleoni, 2012	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Insecta		Pterygota	Neuroptera	Myrmeleontidae	<i>Megistoleon</i>		<i>Megistoleon thaumatopteryx</i>	Badano, 2013	T
Animalia	Arthropoda	Insecta		Pterygota	Neuroptera	Myrmeleontidae	<i>Myrmeleon</i>		<i>Myrmeleon almohadarum</i>	Badano, Acevedo, Pantaleoni, Monserrat, 2016	T
Animalia	Arthropoda	Insecta		Pterygota	Neuroptera	Myrmeleontidae	<i>Myrmeleon</i>		<i>Myrmeleon mariamathildae</i>	Pantaleoni, Cesaroni, Nicoli Aldini, 2010	T
Animalia	Arthropoda	Insecta		Pterygota	Neuroptera	Myrmeleontidae	<i>Myrmeleon</i>		<i>Myrmeleon punicanus</i>	Pantaleoni, Badano, 2012	T
Animalia	Arthropoda	Insecta		Pterygota	Raphidioptera	Raphidiidae	<i>Subilla</i>		<i>Subilla principiae</i>	Pantaleoni, Aspöck, Cao, Aspöck, 2005	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Amphipoda	Gammaridae	<i>Longigammarus</i>		<i>Longigammarus planasiae</i>	Messana, Ruffo, 2001	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Amphipoda	Pseudoniphargidae	<i>Pseudoniphargus</i>		<i>Pseudoniphargus duplus</i>	Messouli, Messana, Yacoubi-Khebiza, 2006	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Amphipoda	Pseudoniphargidae	<i>Pseudoniphargus</i>		<i>Pseudoniphargus obritus</i>	Messouli, Messana, Yacoubi-Khebiza, 2006	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Amphipoda	Pseudoniphargidae	<i>Pseudoniphargus</i>		<i>Pseudoniphargus planasiae</i>	Messouli, Messana, Yacoubi-Khebiza, 2006	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Decapoda	Sergestidae	<i>Sergia</i>		<i>Sergia manningorum</i>	Froggia & Gramitto, 2000	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Lucasioides</i>		<i>Lucasioides cavernicolus</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Lucasioides</i>		<i>Lucasioides pedimaculatus</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Mongoloniscus</i>		<i>Mongoloniscus koreanus</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Protracheoniscus</i>		<i>Protracheoniscus gallagheri</i>	Ferrara & Taiti, 1988	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Subgenus	Subgenus	Current species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Pseudoagnara</i>		<i>Pseudoagnara abdalkurii</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Pseudoagnara</i>			Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Pseudoagnara</i>		<i>Pseudoagnara wraniki</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Agnaridae	<i>Tritracheoniscus</i>			Taiti & Manicastro, 1985	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Aethiopoillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Barnardillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Barnardillo</i>		<i>Barnardillo montanus</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Bethalus</i>		<i>Bethalus lineatus</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Buddelundia</i>		<i>Buddelundia eberhardi</i>	Taiti, 2014a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Chelomadillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Coronadillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Cristarmadillo</i>		<i>Cristarmadillo pardii</i>	Ferrara, Schmalfluss & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Ctenorillo</i>		<i>Ctenorillo ferrarai</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Cubaris</i>		<i>Cubaris africana</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Dryadillo</i>			Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Dryadillo</i>		<i>Dryadillo guizhouensis</i>	Taiti & Gruber, 2008	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Dryadillo</i>		<i>Dryadillo kemaensis</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Dryadillo</i>		<i>Dryadillo parviocellatus</i>	Taiti & Gruber, 2008	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Hybodillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Hybodillo</i>		<i>Hybodillo monocellatus</i>	Ferrara & Taiti, 1982d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Laureola</i>		<i>Laureola indica</i>	Kwon, Ferrara & Taiti, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Laureola</i>		<i>Laureola vietnamensis</i>	Kwon, Ferrara & Taiti, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Lobodillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Myrmecodillo</i>		<i>Myrmecodillo pacificus</i>	Taiti & Ferrara, 1991c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Natadillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pachydillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Parakermania</i>		<i>Parakermania maculata</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus bergeri</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus chelazzii</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus comorensis</i>	Taiti & Ferrara, 1984	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Parakermania</i>		<i>Parakermania maculata</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus bergeri</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus chelazzii</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus comorensis</i>	Taiti & Ferrara, 1984	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus cuspidatus</i>	Ferrara & Taiti, 1985c	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus debeckeri</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus indicus</i>	Taiti, 2014b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus lejeuni</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus lobatus</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus madagascariensis</i>	Ferrara & Taiti, 1978b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus mascarenicus</i>	Taiti & Ferrara, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus messanai</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus messerii</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus pilosus</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus schmalfussi</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus cuspidatus</i>	Ferrara & Taiti, 1985c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus debeckeri</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus indicus</i>	Taiti, 2014b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus lejeuni</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus lobatus</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus madagascariensis</i>	Ferrara & Taiti, 1978b	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Sub- genus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus mascarenicus</i>	Taiti & Ferrara, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus messanai</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus messerii</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus pilosus</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus schmalfussi</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus tomentosus</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus vanninii</i>	Taiti & Ferrara, 1979	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudodiploexochus</i>		<i>Pseudodiploexochus zairensis</i>	Ferrara & Taiti, 1990b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Pseudolaureola</i>			Kwon, Ferrara & Taiti, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Quatuordillo</i>			Taiti, 2014a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Quatuordillo</i>		<i>Quatuordillo caecus</i>	Taiti, 2014a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Reductoniscus</i>		<i>Reductoniscus novaehiberniae</i>	Ferrara & Taiti, 1990b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Reductoniscus</i>		<i>Reductoniscus pulcher</i>	Ferrara & Taiti, 1990b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Rhodesillo</i>			Ferrara & Taiti, 1978c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Rhodesillo</i>		<i>Rhodesillo sulcifrons</i>	Ferrara & Taiti, 1978c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Sinodillo</i>			Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Sinodillo</i>		<i>Sinodillo ferrarai</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Sinodillo</i>		<i>Sinodillo schmalfussi</i>	Kwon & Taiti, 1993	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Sinodillo</i>		<i>Sinodillo troglophilus</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Sphaerillodillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Spherillo</i>		<i>Spherillo orientalis</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Sumatrillo</i>			Taiti, Paoli & Ferrara, 1998	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Troglodillo</i>		<i>Troglodillo latellai</i>	Taiti & Gruber, 2008	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Troglodillo</i>		<i>Troglodillo rotundatus</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Tuberdillo</i>		<i>Tuberdillo parituberculatus</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Tuberillo</i>		<i>Tuberillo borneanus</i>	Taiti & Gruber, 2010	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Tuberillo</i>		<i>Tuberillo cebuensis</i>	Taiti & Gruber, 2010	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Tuberillo</i>		<i>Tuberillo celebensis</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Tuberillo</i>		<i>Tuberillo riedeli</i>	Taiti & Gruber, 2010	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Tuberillo</i>		<i>Tuberillo schawalleri</i>	Taiti & Gruber, 2010	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Venezillo</i>		<i>Venezillo lacustris</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Venezillo</i>		<i>Venezillo pseudoparvus</i>	Ferrara & Taiti, 1985c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Alloschizidium</i>		<i>Alloschizidium campanellii</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Alloschizidium</i>		<i>Alloschizidium cavernicolum</i>	Taiti & Ferrara, 1995a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Alloschizidium</i>		<i>Alloschizidium magnanii</i>	Taiti & Argano, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadiillidae	<i>Alloschizidium</i>		<i>Alloschizidium maymon</i>	Taiti & Argano, 2009	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium apuanum</i>	Taiti & Ferrara, 1995a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium etruviae</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium lanzai</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium littorale</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium oglasae</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium paeninsulae</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium pseudassimile</i>	Taiti & Ferrara, 1980	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium torchiai</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Armadillidium</i>		<i>Armadillidium tyrrhenum</i>	Taiti & Ferrara, 1980b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Eluma</i>		<i>Eluma praticola</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Typhlarmadillidium</i>		<i>Typhlarmadillidium ruffoi</i>	Ferrara & Taiti, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Armadillidiidae	<i>Typhloschizidium</i>		<i>Typhloschizidium igiliense</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Asellidae	<i>Chthonasellus</i>			Argano, Messina, 1991	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Asellidae	<i>Chthonasellus</i>		<i>Chthonasellus bodoni</i>	Argano, Messina, 1991	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Asellidae	<i>Proasellus</i>		<i>Proasellus faesolanus</i>	Messana, Caselli, 1995	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Asellidae	<i>Proasellus</i>		<i>Proasellus micropectinatus</i>	Baratti, Messina, 1990	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Bathytropidae	<i>Bathytropa</i>		<i>Bathytropa rifensis</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Bathytropidae	<i>Dumetoniscus</i>			Taiti & Checcucci, 2009	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Bathytropidae	<i>Dumetoniscus</i>		<i>Dumetoniscus graniticus</i>	Taiti & Checcucci, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Calabozoidae	<i>Pongycarcinia</i>			Messana, Baratti, Benvenuti, 2002	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Calabozoidae	<i>Pongycarcinia</i>		<i>Pongycarcinia xiphidiourus</i>	Messana, Baratti, Benvenuti, 2002	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cirolanidae	<i>Haptolana</i>		<i>Haptolana somala</i>	Messana, Chelazzi, 1984	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cirolanidae	<i>Typhlocirolana</i>		<i>Typhlocirolana ichkeuli</i>	Ghlala, Della Valle & Messana, 2009	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cirolanidae	<i>Typhlocirolana</i>		<i>Typhlocirolana longimera</i>	Mahi & Messana, 2017	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus aprutianus</i>	Taiti & Manicastro, 1980	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus igiliensis</i>	Taiti & Ferrara, 1980b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus littoralis</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus lobatus</i>	Ferrara & Taiti, 1985b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus uncinatus</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus caprariae</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus urgonis</i>	Taiti & Ferrara, 1980b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Cylisticus</i>		<i>Cylisticus vandeli</i>	Taiti & Ferrara, 1980b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Troglocylisticus</i>			Ferrara & Taiti, 1983b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Cylistidae	<i>Troglocylisticus</i>		<i>Troglocylisticus cymensis</i>	Ferrara & Taiti, 1983b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus biltoni</i>	Taiti & Ferrara, 1989b	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus conglobator</i>	Taiti & Ferrara, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus hawaiianus</i>	Taiti & Ferrara, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus iliffei</i>	Taiti & Ferrara, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus indicus</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus lamellatus</i>	Taiti & Ferrara, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Detonidae	<i>Armadilloniscus</i>		<i>Armadilloniscus malaccensis</i>	Taiti & Ferrara, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Dubioniscidae	<i>Novamundoniscus</i>		<i>Novamundoniscus altmiraensis</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>			Ferrara & Taiti, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>		<i>Aethiopopactes chenzemae</i>	Ferrara & Taiti, 1982e	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>		<i>Aethiopopactes fasciatus</i>	Ferrara & Taiti, 1985d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>		<i>Aethiopopactes griseus</i>	Ferrara & Taiti, 1982e	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>		<i>Aethiopopactes longistilus</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>		<i>Aethiopopactes somalicus</i>	Taiti & Ferrara, 1985	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Aethiopopactes</i>		<i>Aethiopopactes trilineatus</i>	Ferrara & Taiti, 1985d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Angaribia</i>		<i>Angaribia flavicauda</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Angaribia</i>		<i>Angaribia lobata</i>	Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Dioscoridillo</i>			Ferrara & Taiti, 1996a	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Dioscoridillo</i>		<i>Dioscoridillo cavicolus</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Dioscoridillo</i>		<i>Dioscoridillo melanoleucos</i>	Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Dioscoridillo</i>		<i>Dioscoridillo pubescens</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Dioscoridillo</i>		<i>Dioscoridillo montanus</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Elumoides</i>			Taiti & Ferrara, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Elumoides</i>		<i>Elumoides coecus</i>	Taiti & Ferrara, 1991b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Elumoides</i>		<i>Elumoides monocellatus</i>	Taiti & Ferrara, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Ethelumoides</i>			Ferrara & Taiti, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Ethelumoides</i>		<i>Ethelumoides holthuisi</i>	Ferrara & Taiti, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Eubelinum</i>			Taiti, 2014b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Eubelinum</i>		<i>Eubelinum incertum</i>	Taiti, 2014b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Eubelum</i>		<i>Eubelum simplex</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Ignamba</i>		<i>Ignamba jocquei</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Ignamba</i>		<i>Ignamba malawiensis</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Ignamba</i>		<i>Ignamba parvisulcata</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Kivudillo</i>			Ferrara & Taiti, 1976	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Kivudillo</i>		<i>Kivudillo benoiti</i>	Ferrara & Taiti, 1976	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Koweitoniscus</i>		<i>Koweitoniscus rostratus</i>	Ferrara & Taiti, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Koweitoniscus</i>		<i>Koweitoniscus korshunovi</i>	Taiti & Checcucci, 2011	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Koweitoniscus</i>		<i>Koweitoniscus vanharteni</i>	Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Lobethelum</i>			Ferrara & Taiti, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Lobethelum</i>		<i>Lobethelum congolense</i>	Ferrara & Taiti, 1989b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Microcercus</i>		<i>Microcercus acutitelson</i>	Taiti & Ferrara, 1981a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Microcercus</i>		<i>Microcercus beroni</i>	Taiti & Ferrara, 1981a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Microcercus</i>		<i>Microcercus gorongozae</i>	Taiti & Ferrara, 1983b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Microcercus</i>		<i>Microcercus marmoratus</i>	Taiti & Ferrara, 1981a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Microcercus</i>		<i>Microcercus pseudanomalus</i>	Taiti & Ferrara, 1981a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Microcercus</i>		<i>Microcercus stuckenbergi</i>	Taiti & Ferrara, 1983b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Omanodillo</i>			Taiti, Ferrara & Davolos, 2000	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Omanodillo</i>		<i>Omanodillo gardneri</i>	Taiti, Ferrara & Davolos, 2000	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Oropactes</i>			Ferrara & Taiti, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Oropactes</i>		<i>Oropactes frontelobatus</i>	Ferrara & Taiti, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Oropactes</i>		<i>Oropactes maculatus</i>	Ferrara & Taiti, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Oropactes</i>		<i>Oropactes novus</i>	Ferrara & Taiti, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Oropactes</i>		<i>Oropactes pilosus</i>	Ferrara & Taiti, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Orothelum</i>			Paoli, Ferrara & Taiti, 2002	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis albomarginatus</i>	Taiti, Ferrara & Allspach, 1997	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis barnardi</i>	Ferrara & Taiti, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis buettikeri</i>	Ferrara & Taiti, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis dhofarensis</i>	Taiti, Ferrara & Davolos, 2000	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis felix</i>	Taiti & Ferrara, 1989c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis fuscocaudatus</i>	Taiti & Checcucci, 2011	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis insularis</i>	Ferrara & Taiti, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis laticarpus</i>	Taiti & Ferrara, 1989c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis merolobatus</i>	Ferrara & Taiti, 1982c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis minor</i>	Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis omanensis</i>	Taiti & Ferrara, 1991a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Periscyphis</i>		<i>Periscyphis sudanensis</i>	Taiti, Ferrara & Allspach, 1997	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Rufuta</i>			Taiti & Ferrara, 1981b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Rufuta</i>		<i>Rufuta arganoi</i>	Taiti & Ferrara, 1981b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Rufuta</i>		<i>Rufuta carusoi</i>	Taiti & Ferrara, 1981b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodillo</i>			Taiti & Ferrara, 1982a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodillo</i>		<i>Somalodillo paeninsulae</i>	Ferrara & Taiti, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodillo</i>		<i>Somalodillo pallidus</i>	Taiti & Ferrara, 1982a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodillo</i>		<i>Somalodillo squamatus</i>	Taiti & Ferrara, 1982a	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodillo</i>		<i>Somalodillo sulcatus</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodillo</i>		<i>Somalodillo vanharteni</i>	Taiti & Checcucci, 2011	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodilloides</i>			Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodilloides</i>		<i>Somalodilloides laticauda</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somalodilloides</i>		<i>Somalodilloides pilosus</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Somaloniscus</i>			Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Tritracheodillo</i>			Ferrara & Taiti, 1982e	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Tritracheodillo</i>		<i>Tritracheodillo spatulatus</i>	Ferrara & Taiti, 1982e	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Xeroniscus</i>			Ferrara & Taiti, 1990a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Xeroniscus</i>		<i>Xeroniscus angusticauda</i>	Ferrara & Taiti, 1990a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Xeroniscus</i>		<i>Xeroniscus nogalensis</i>	Ferrara & Taiti, 1990a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Xeroniscus</i>		<i>Xeroniscus penicilliger</i>	Ferrara & Taiti, 1990a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Xeroniscus</i>		<i>Xeroniscus sulcatus</i>	Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Eubelidae	<i>Xeroniscus</i>		<i>Xeroniscus troglophilus</i>	Taiti, Ferrara & Davolos, 2000	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Bilawrencia</i>		<i>Bilawrencia denticulata</i>	Ferrara & Taiti, 1982d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Bilawrencia</i>		<i>Bilawrencia occidentalis</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Halophiloscia</i>		<i>Halophiloscia cristagalli</i>	Taiti & Argano, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Halophiloscia</i>		<i>Halophiloscia microphthalma</i>	Taiti & López, 2008	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Halophiloscia</i>		<i>Halophiloscia rodriguezi</i>	Taiti & López, 2008	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia aldabrana</i>	Ferrara & Taiti, 1985c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia amphindica</i>	Taiti & Ferrara, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia bifasciata</i>	Taiti & Ferrara, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia hawaiiensis</i>	Taiti & Ferrara, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia pallida</i>	Taiti & Ferrara, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia strouhali</i>	Taiti & Ferrara, 1991a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia tominensis</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Halophilosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia tropicalis</i>	Taiti & Ferrara, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Irmaosidae				Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Irmaosidae	<i>Irmaos</i>			Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Irmaosidae	<i>Irmaos</i>		<i>Irmaos lobatus</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Irmaosidae	<i>Irmaos</i>		<i>Irmaos seychellarum</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Ligiidae	<i>Ligia</i>		<i>Ligia dioscorides</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Ligiidae	<i>Typhlogolidium</i>		<i>Typhlogolidium kovali</i>	Gongalsky & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Microcerberidae	<i>Microcerberus</i>		<i>Microcerberus anfindicus</i>	Messana, Argano & Baldari, 1978	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Microcerberidae	<i>Microcerberus</i>		<i>Microcerberus enckelli</i>	Messana, Argano & Baldari, 1978	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Olibrinidae	<i>Adoniscus</i>		<i>Adoniscus fluviatilis</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Olibrinidae	<i>Adoniscus</i>		<i>Adoniscus insularis</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Olibrinidae	<i>Olibrinus</i>		<i>Olibrinus truncatus</i>	Taiti & Ferrara, 1991c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Olibrinidae	<i>Paradoniscus</i>			Taiti & Ferrara, 2004	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Olibrinidae	<i>Paradoniscus</i>		<i>Paradoniscus aquaticus</i>	Taiti & Ferrara, 2004	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Olibrinidae	<i>Paradoniscus</i>		<i>Paradoniscus degeesti</i>	Taiti & Ferrara, 2004	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidae	<i>Phalloniscus</i>		<i>Phalloniscus verhoeffi</i>	Ferrara & Taiti, 1978a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Chileoniscus</i>			Taiti, Ferrara & Schmalzfuss, 1986	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Chileoniscus</i>		<i>Chileoniscus marmoratus</i>	Taiti, Ferrara & Schmalzfuss, 1986	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus beroni</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus bicoloratus</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus borneanus</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus caudatus</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus malaccensis</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus maschwitzii</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus rotundatus</i>	Taiti & Ferrara, 1986a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus silvestrii</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis	<i>Exalloniscus</i>		<i>Exalloniscus sumatranus</i>	Manicastroi & Taiti, 1991	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis incertae	<i>Exalloniscus</i>		<i>Exalloniscus troglophilus</i>	Taiti & Gruber, 2008	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis incertae	<i>Exalloniscus</i>		<i>Exalloniscus vietnamensis</i>	Taiti & Ferrara, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Oniscidea sedis incertae	<i>Platycytoniscus</i>		<i>Platycytoniscus granulatus</i>	Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>			Ferrara & Taiti, 1982	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia aelleni</i>	Ferrara & Taiti, 1982a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia bicolorata</i>	Ferrara & Taiti, 1982d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia bispinosa</i>	Ferrara & Taiti, 1984a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia brevicauda</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia kenyensis</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia kinolensis</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia longisetosa</i>	Ferrara & Taiti, 1982d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia meruina</i>	Ferrara & Taiti, 1984a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia rotundata</i>	Taiti & Ferrara, 1980	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia similis</i>	Ferrara & Taiti, 1984a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Afrophiloscia</i>		<i>Afrophiloscia tanzaniana</i>	Ferrara & Taiti, 1984a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Andricophiloscia</i>		<i>Andricophiloscia pedisetosa</i>	Taiti & Humphreys, 2001	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia bipunctata</i>	Ferrara, Paoli & Taiti, 1994	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia maculicornis</i>	Taiti & Ferrara, 1980	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia fusca</i>	Ferrara, Paoli & Taiti, 1994	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia humicola</i>	Ferrara, Paoli & Taiti, 1994	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia jocquei</i>	Taiti & Ferrara, 1984	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia madagascariensis</i>	Ferrara, Paoli & Taiti, 1994	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia montana</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia ovamboensis</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia parva</i>	Ferrara & Taiti, 1984a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia rwndaensis</i>	Ferrara, Paoli & Taiti, 1994	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia tinglei</i>	Ferrara, Paoli & Taiti, 1994	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia trifasciata</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia verhoeffi</i>	Ferrara & Taiti, 1982f	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Aphiloscia</i>		<i>Aphiloscia victoriana</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Arcangeloscia</i>			Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Arcangeloscia</i>		<i>Arcangeloscia congolensis</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Arcangeloscia</i>		<i>Arcangeloscia meridionalis</i>	Taiti & Ferrara, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Atlantoscia</i>			Ferrara & Taiti, 1981	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Atlantoscia</i>		<i>Atlantoscia floridana</i>	Ferrara & Taiti, 1981	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Barnardoscia</i>			Taiti & Ferrara, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Barnardoscia</i>		<i>Barnardoscia maculata</i>	Taiti & Ferrara, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Benthana</i>		<i>Benthana aimores</i>	Campos-Filho, Taiti & Araujo, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Benthana</i>		<i>Benthana canastraensis</i>	Campos-Filho, Taiti & Araujo, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Benthana</i>		<i>Benthana goitacas</i>	Campos-Filho, Taiti & Araujo, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Benthana</i>		<i>Benthana tupinamba</i>	Campos-Filho, Taiti & Araujo, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus punctatus</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus anderssoni</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus anophthalmus</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus bartolozzii</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus beroni</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus besucheti</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus calcaratus</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus cederholmi</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus clarus</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus davisi</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus flavivertex</i>	Kwon & Taiti, 1993	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus gibbosus</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus lobatus</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus loebli</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus longicaudatus</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus micropunctatus</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus orientalis</i>	Green, Ferrara & Taiti, 1990	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus parviocellatus</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus purpura</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus rakataensis</i>	Green, Ferrara & Taiti, 1990	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus rowei</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus schultzi</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus setiger</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus stilifer</i>	Taiti & Manicastro, 1988	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus thomtoni</i>	Green, Ferrara & Taiti, 1990	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus togianensis</i>	Taiti, Ferrara & Kwon, 1992	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus vaughani</i>	Green, Ferrara & Taiti, 1990	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus veliger</i>	Green, Ferrara & Taiti, 1990	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus xanthocephalus</i>	Taiti & Manicastro, 1988	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Burmoniscus</i>		<i>Burmoniscus yunnanensis</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Hawaiioscia</i>		<i>Hawaiioscia microphthalma</i>	Taiti & Howarth, 1997	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Hawaiioscia</i>		<i>Hawaiioscia paeninsulae</i>	Taiti & Howarth, 1997	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Hawaiioscia</i>		<i>Hawaiioscia rapui</i>	Taiti & Wynne, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Hawaiioscia</i>		<i>Hawaiioscia rotundata</i>	Taiti & Howarth, 1997	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Leonardoscia</i>			Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Leonardoscia</i>		<i>Leonardoscia hassalli</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Littorophiloscia</i>		<i>Littorophiloscia nipponensis</i>	Taiti & Ferrara, 1986b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Metaprosekia</i>		<i>Metaprosekia caupe</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Metaprosekia</i>		<i>Metaprosekia quadriocellata</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Nahia</i>		<i>Nahia louwi</i>	Taiti & Ferrara, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Nahia</i>		<i>Nahia rostrata</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Nataloniscus</i>			Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Nataloniscus</i>		<i>Nataloniscus lawrencei</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Nataloscia</i>		<i>Nataloscia appletoni</i>	Taiti & Ferrara, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Nataloscia</i>		<i>Nataloscia denticulata</i>	Ferrara & Taiti, 1985a	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Natalscia</i>		<i>Natalscia lobata</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Natalscia</i>		<i>Natalscia longistyla</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Natalscia</i>		<i>Natalscia minima</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Natalscia</i>		<i>Natalscia rotundata</i>	Taiti & Ferrara, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Natalscia</i>		<i>Natalscia spinosa</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Natalscia</i>		<i>Natalscia thomsoni</i>	Taiti & Ferrara, 1982b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Papuaphiloscia</i>		<i>Papuaphiloscia arcangelii</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Papuaphiloscia</i>		<i>Papuaphiloscia granulata</i>	Kwon & Taiti, 1993	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Paractenoscia</i>			Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Paractenoscia</i>		<i>Paractenoscia cavernicola</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Philoscina</i>			Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Philoscina</i>		<i>Philoscina incisa</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Philoscina</i>		<i>Philoscina insularis</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Philoscina</i>		<i>Philoscina natalis</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Pseudosetaphora</i>			Ferrara & Taiti, 1986c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Rennelloscia</i>		<i>Rennelloscia acutitelson</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Rennelloscia</i>		<i>Rennelloscia denticulata</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Rennelloscia</i>		<i>Rennelloscia mauritiensis</i>	Taiti & Ferrara, 1983a	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Rennelloscia</i>		<i>Rennelloscia mossambica</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Sechelloscia</i>			Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Sechelloscia</i>		<i>Sechelloscia benoiti</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Sechelloscia</i>		<i>Sechelloscia mucronata</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Sechelloscia</i>		<i>Sechelloscia vanmoli</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Serendibia</i>			Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Serendibia</i>		<i>Serendibia cavernicola</i>	Taiti & Checuccu, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Serendibia</i>		<i>Serendibia denticulata</i>	Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Serendibia</i>		<i>Serendibia filiformis</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Serendibia</i>		<i>Serendibia samhaensis</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Serendibia</i>		<i>Serendibia vagans</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Sinhaloscia</i>			Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Sinhaloscia</i>		<i>Sinhaloscia dimorpha</i>	Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Tiroloscia</i>		<i>Tiroloscia montana</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Tropicana</i>			Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Tropicana</i>		<i>Tropicana minuta</i>	Manicastro & Taiti, 1987	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>			Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia austroafricana</i>	Ferrara & Taiti, 1985a	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia inflata</i>	Ferrara & Taiti, 1985a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia montana</i>	Taiti & Ferrara, 1980a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia obscura</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia pohli</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia pugionifera</i>	Taiti & Ferrara, 1984	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Philosciidae	<i>Uluguroscia</i>		<i>Uluguroscia vandammei</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Cephaloniscus</i>			Ferrara & Taiti, 1989a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Cephaloniscus</i>		<i>Cephaloniscus sociabilis</i>	Ferrara & Taiti, 1989a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Niambia</i>		<i>Niambia duffeyi</i>	Ferrara & Taiti, 1981	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Niambia</i>		<i>Niambia longiantennata</i>	Taiti & Ferrara, 1991b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Niambia</i>		<i>Niambia septentrionalis</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Platyarthrus</i>		<i>Platyarthrus alticolus</i>	Taiti & Checcucci, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Platyarthrus</i>		<i>Platyarthrus corsicus</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Trichorhina</i>		<i>Trichorhina anhanguera</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Trichorhina</i>		<i>Trichorhina cipoensis</i>	Campos-Filho, Bichuette & Taiti, 2016	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Trichorhina</i>		<i>Trichorhina curupira</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Trichorhina</i>		<i>Trichorhina pataxosi</i>	Campos-Filho, Bichuette & Taiti, 2016	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Trichorhina</i>		<i>Trichorhina triocellata</i>	Ferrara & Taiti, 1985c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Platyarthridae	<i>Trichorhina</i>		<i>Trichorhina yiara</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Porcellionidae	<i>Porcellio</i>		<i>Porcellio pseudomatus</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Porcellionidae	<i>Soteriscus</i>			Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Porcellionidae	<i>Soteriscus</i>		<i>Soteriscus gibbosus</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Porcellionidae	<i>Soteriscus</i>		<i>Soteriscus loauensis</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Porcellionidae	<i>Tura</i>		<i>Tura mesopotamica</i>	Taiti & Ferrara, 1985	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda carli</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda lamellata</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda lobata</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda malaccensis</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda nilgiriensis</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda palniensis</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda riedeli</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda sumatrana</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Adinda</i>		<i>Adinda triangulifera</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Amazoniscus</i>		<i>Amazoniscus leistikowi</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Aulaconiscus</i>			Taiti & Howarth, 1997	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Aulaconiscus</i>		<i>Aulaconiscus caecus</i>	Taiti & Howarth, 1997	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Colomboscia</i>		<i>Colomboscia bituberculata</i>	Taiti, Allspach & Ferrara, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Paratoradja</i>			Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Paratoradja</i>		<i>Paratoradja beroni</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Paratoradja</i>		<i>Paratoradja sulcata</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Paratoradja</i>		<i>Paratoradja vietnamensis</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Protoradja</i>		<i>Protoradja montana</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Protoradja</i>		<i>Protoradja paeninsulae</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Protoradja</i>		<i>Protoradja pilosa</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scleropactidae	<i>Toradja</i>		<i>Toradja hirsuta</i>	Ferrara, Meli & Taiti, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scyphacidae	<i>Haloniscus</i>		<i>Haloniscus anophthalmus</i>	Taiti, Ferrara & Iliffe, 1995	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scyphacidae	<i>Haloniscus</i>		<i>Haloniscus longiantennatus</i>	Taiti & Humphreys, 2001	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scyphacidae	<i>Haloniscus</i>		<i>Haloniscus stylifer</i>	Taiti & Humphreys, 2001	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Scyphacidae	<i>Haloniscus</i>		<i>Haloniscus tomentosus</i>	Taiti & Humphreys, 2001	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Dynamenella</i>		<i>Dynamenella scaptocephala</i>	Messana, 1990	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Eterocerceis</i>			Messana, 1990	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Eterocerceis</i>		<i>Eterocerceis somala</i>	Messana, 1990	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Oxinasphaera</i>		<i>Oxinasphaera penteumbonata</i>	Benvenuti, Messana, Schotte, 2000	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Paracillicaea</i>		<i>Paracillicaea falcata</i>	Benvenuti, Messana, 2000	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Paracillicaea</i>		<i>Paracillicaea mirabilis</i>	Benvenuti, Messana, 2000	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Paracillicaea</i>		<i>Paracillicaea nodosa</i>	Benvenuti, Messana, 2000	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Paracillicaea</i>		<i>Paracillicaea peniculata</i>	Benvenuti, Messana, 2000	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Paracillicaea</i>		<i>Paracillicaea uncinata</i>	Benvenuti, Messana, 2000	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Sphaeromatidae	<i>Pseudocerceis</i>		<i>Pseudocerceis seleneides</i>	Messana, 1993	M
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Acanthastenasellus</i>			Chelazzi, Messana, 1985	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Acanthastenasellus</i>		<i>Acanthastenasellus forficuloides</i>	Chelazzi, Messana, 1985	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Stenasellus</i>		<i>Stenasellus agiuranicus</i>	Chelazzi, Messana, 1987	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Stenasellus</i>		<i>Stenasellus costai</i>	Lanza, Chelazzi, Messana, 1970	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Stenasellus</i>		<i>Stenasellus migiurtinicus</i>	Messana, Chelazzi, Lanza, 1974	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Stenasellus</i>		<i>Stenasellus ruffoi</i>	Messana, 1989	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenasellidae	<i>Stenasellus</i>		<i>Stenasellus simonsi</i>	Messana, 1999	F
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenoniscidae	<i>Metastenoniscus</i>			Taiti & Ferrara, 1982c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Stenoniscidae	<i>Metastenoniscus</i>		<i>Metastenoniscus osellai</i>	Taiti & Ferrara, 1982c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Cordioniscus</i>		<i>Cordioniscus lusitanicus</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Spelunconiscus</i>			Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Spelunconiscus</i>		<i>Spelunconiscus castroi</i>	Campos-Filho, Araujo & Taiti, 2014	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Styloniscus</i>		<i>Styloniscus insulanus</i>	Ferrara & Taiti, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Styloniscus</i>		<i>Styloniscus maldivensis</i>	Taiti, 2014b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Styloniscus</i>		<i>Styloniscus manuvaka</i>	Taiti & Wynne, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Trogloniscus</i>			Taiti & Xue, 2012	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Trogloniscus</i>		<i>Trogloniscus clarkei</i>	Taiti & Xue, 2012	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Trogloniscus</i>		<i>Trogloniscus deharvengi</i>	Taiti & Xue, 2012	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Trogloniscus</i>		<i>Trogloniscus hengliensis</i>	Taiti & Xue, 2012	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Trogloniscus</i>		<i>Trogloniscus trilobatus</i>	Taiti & Xue, 2012	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Xangoniscus</i>			Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Xangoniscus</i>		<i>Xangoniscus aganju</i>	Campos-Filho, Bichuette & Taiti, 2016	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Styloniscidae	<i>Xangoniscus</i>		<i>Xangoniscus odara</i>	Campos-Filho, Araujo & Taiti, 2014	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Desertoniscus</i>		<i>Desertoniscus arabicus</i>	Taiti & Checcucci, 2011	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Levantoniscus</i>			Cardoso, Taiti & Sfenthourakis, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Levantoniscus</i>		<i>Levantoniscus bicostulatus</i>	Cardoso, Taiti & Sfenthourakis, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Levantoniscus</i>		<i>Levantoniscus makrisi</i>	Cardoso, Taiti & Sfenthourakis, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Nagurus</i>		<i>Nagurus acutitelson</i>	Ferrara & Taiti, 1982d	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Nagurus</i>		<i>Nagurus havelocki</i>	Ferrara & Taiti, 1982d	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Nagurus</i>		<i>Nagurus kensleyi</i>	Ferrara & Taiti, 1985c	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Pagana</i>		<i>Pagana platysoma</i>	Taiti & Ferrara, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Pagana</i>		<i>Pagana tuberculata</i>	Taiti & Ferrara, 1983a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Panchaia</i>			Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Panchaia</i>		<i>Panchaia fusca</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Panchaia</i>		<i>Panchaia marmorata</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Panchaia</i>		<i>Panchaia striata</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Socotroniscus</i>			Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Socotroniscus</i>		<i>Socotroniscus sacciformis</i>	Ferrara & Taiti, 1996a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Tamarida</i>			Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Tamarida</i>		<i>Tamarida differens</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trachelipodidae	<i>Tamarida</i>		<i>Tamarida setigera</i>	Taiti & Ferrara, 2004	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Alpioniscus</i>		<i>Alpioniscus thanit</i>	Taiti & Argano, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Metatrioniscoides</i>		<i>Metatrioniscoides salirensis</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Miktoniscus</i>		<i>Miktoniscus longispina</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Moserius</i>		<i>Moserius elbanus</i>	Taiti & Ferrara, 1995a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Moserius</i>		<i>Moserius inexpectatus</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Nesiotoniscus</i>		<i>Nesiotoniscus harpagonifer</i>	Taiti & Ferrara, 1995b	T

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Oritoniscus</i>		<i>Oritoniscus beroni</i>	Ferrara & Taiti, 1984b	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Oritoniscus</i>		<i>Oritoniscus punctatus</i>	Taiti & Ferrara, 1996	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Strouhaloniscellus</i>		<i>Strouhaloniscellus biokovoensis</i>	Bedek & Taiti, 2009	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Trichoniscoides</i>		<i>Trichoniscoides bellesi</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Trichoniscoides</i>		<i>Trichoniscoides sicoensis</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Trichoniscus</i>		<i>Trichoniscus apenninicus</i>	Taiti & Ferrara, 1995a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Trichoniscus</i>		<i>Trichoniscus maremmanus</i>	Taiti & Ferrara, 1995a	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Trichoniscus</i>		<i>Trichoniscus microphthalmus</i>	Taiti & Rossano, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Troglonethes</i>		<i>Troglonethes arrabidensis</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Isopoda	Trichoniscidae	<i>Troglonethes</i>		<i>Troglonethes olissipoensis</i>	Reboleira & Taiti, 2015	T
Animalia	Arthropoda	Malacostraca		Eumalacostraca	Thermosbaenacea	Monodellidae	<i>Monodella</i>		<i>Monodella somala</i>	Chelazzi, Messina, 1982	F
Animalia	Arthropoda	Remipedia		-	Nectiopoda	Morlockiidae	<i>Speleonectes</i>		<i>Speleonectes atlantida</i>	Koenemann, Bloechl, Martínez, Iliffe, Hoenemann, Oromí, 2009	M
Animalia	Priapulida	-		-	-	Tubiluchidae	<i>Tubiluchus</i>		<i>Tubiluchus lemburgi</i>	Schmidt-Rhaesa, Rothe, Martínez, 2013	M
Animalia	Chordata	Actinopteri		-	Esociformes	Esocidae	<i>Esox</i>		<i>Esox flaviae</i>	Lucentini, Puletti, Ricciolini, Ricciolini, Gigliarelli, Fontaneto, Lanfaloni, Biló, Natali, Panara, 2011	F

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Chordata	Mammalia		Theria	Rodentia	Bathyergidae	<i>Fukomys</i>		<i>Fukomys ilariae</i>	Gippoliti, Amori 2011	T
Animalia	Chordata	Mammalia		Theria	Rodentia	Muridae	<i>Margaretamys</i>		<i>Margaretamys christinae</i>	Mortelliti, Castiglia, Amori, Maryanto, Musser 2012	T
Animalia	Cnidaria	Scyphozoa		Discomedusae	Semaeostomeae	Pelagiidae	<i>Pelagia</i>		<i>Pelagia benovici</i>	Piraino, Aglieri, Scorrano & Boero, 2014	M
Animalia	Cnidaria	Scyphozoa		Discomedusae	Semaeostomeae	Ulmaridae	<i>Aurelia</i>		<i>Aurelia relictta</i>	Scorrano, Aglieri, Boero, Dawson & Piraino 2016	
Animalia	Kinorhyncha	Allomalorhagida		-	-	Pycnophyidae	<i>Cristaphyes</i>			Sánchez, Yamasaki, Pardos, Sørensen, Martínez, 2016	M
Animalia	Kinorhyncha	Allomalorhagida		-	-	Pycnophyidae	<i>Fujuriphyes</i>			Sánchez, Yamasaki, Pardos, Sørensen, Martínez, 2016	M
Animalia	Kinorhyncha	Allomalorhagida		-	-	Pycnophyidae	<i>Higginsium</i>			Sánchez, Yamasaki, Pardos, Sørensen, Martínez, 2016	M
Animalia	Kinorhyncha	Allomalorhagida		-	-	Pycnophyidae	<i>Krakenella</i>			Sánchez, Yamasaki, Pardos, Sørensen, Martínez, 2016	M
Animalia	Kinorhyncha	Allomalorhagida		-	-	Pycnophyidae	<i>Leiocanthus</i>			Sánchez, Yamasaki, Pardos, Sørensen, Martínez, 2016	M
Animalia	Kinorhyncha	Allomalorhagida		-	-	Pycnophyidae	<i>Setaphyes</i>			Sánchez, Yamasaki, Pardos, Sørensen, Martínez, 2016	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Mollusca	Bivalvia	Amarsipobranchia	-	-	-	-			Plazzi, Ceregato, & Taviani, Passamonti 2011	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Heterodonta	Venerida	Veneridae	<i>Retrotapes</i>		<i>Retrotapes andrillorum</i>	Beu & Taviani, 2013	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Heterodonta	Venerida	Vesycomyidae	<i>Archivesica</i>		<i>Archivesica aharoni</i>	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Heterodonta	Venerida	Vesycomyidae	<i>Archivesica</i>		<i>Archivesica apenninica</i>	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Heterodonta	Venerida	Vesycomyidae	<i>Archivesica</i>		<i>Archivesica strigarum</i>	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Heterodonta	Venerida	Vesycomyidae	<i>Kelliella</i>		<i>Kelliella ruggierii</i>	Ceregato & Tabanelli, 2001	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Heterodonta	Venerida	Vesycomyidae	" <i>Pliocardia</i> "		" <i>Pliocardia</i> " <i>italica</i>	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Mytilida	Mytilidae	<i>Bathymodiolus</i> (s.l.)		<i>Bathymodiolus miomediterraneus</i> (s.l.)	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Mytilida	Mytilidae	<i>Bathymodiolus</i> (s.l.)		<i>Bathymodiolus moroniae</i> (s.l.)	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Mytilida	Mytilidae	<i>Samiolus</i>			Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Mytilida	Mytilidae	<i>Samiolus</i>		<i>Samiolus iohannesbaptistae</i>	Kiel & Taviani, 2017	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Ostreida	Gryphaeidae	<i>Neopycnodonte</i>		<i>Neopycnodonte zibrowii</i>	Gofas, Salas, & Taviani, 2009	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Pectinida	Pectinidae	<i>Antarctipecten</i>			Beu & Taviani, 2013	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Pectinida	Pectinidae	<i>Austrochlamys</i>		<i>Austrochlamys forticosta</i>	Beu & Taviani, 2013	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Pectinida	Pectinidae	<i>Leoclunipecten</i>			Beu & Taviani, 2013	M
Animalia	Mollusca	Bivalvia	Amarsipobranchia	Pteriomorpha	Pectinida	Pectinidae	<i>Ruthipecten</i>			Beu & Taviani, 2013	M
Animalia	Mollusca	Bivalvia	-	Protobranchia	Nuculanida	Nuculanidae	<i>Zealeda</i>		<i>Zealeda elegans</i>	La Pema, Ceregato, & Tabanelli, 2004	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Mollusca	Gastropoda		Caenogastropoda	Littorinimorpha	Iravadiidae	<i>Ceratia</i>		<i>Ceratia pliocenica</i>	Ceregato & Tabanelli, 2005	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	Littorinimorpha	Rissoidae	<i>Alvania</i>	<i>Profundialvania</i>		Taviani, 1975	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	Littorinimorpha	Tomidae	<i>Teinostoma</i>	-	<i>Teinostoma brankovitsi</i>	Rubio, Rolán, Worsaae, Martínez, Gonzalez, 2015	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	Neogastropoda	Horaiclavidae	<i>Haedropleura</i>	-	<i>Haedropleura formosa</i>	Scarponi, Della Bella, Ceregato, 2011	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	Neogastropoda	Horaiclavidae	<i>Haedropleura</i>	-	<i>Haedropleura parva</i>	Scarponi, Della Bella, Ceregato, 2011	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	Neogastropoda	Pseudomelatomidae	<i>Crassispira</i>	-	<i>Crassispira leonardiana</i>	Ceregato & Della Bella, 2004 in: Scarponi & Della Bella, 2004	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	-	Pickworthiidae	<i>Sansonia</i>	-	<i>Sansonia italica</i>	Raffi & Taviani, 1985	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	-	Nystiellidae	<i>Iphitus</i>	-	<i>Iphitus robertsi</i>	Sabelli B, Taviani, 1997	M
Animalia	Mollusca	Gastropoda		Caenogastropoda	-	Nystiellidae	<i>Narrimania</i>	-		Taviani, 1984	M
Animalia	Mollusca	Gastropoda		Heterobranchia	Sacoglossa	Juliidae	<i>Candinia</i>	-		Le Renard, Sabelli, Taviani, 1996	M
Animalia	Mollusca	Gastropoda		Heterobranchia	Sacoglossa	Juliidae	<i>Candinia</i>	-	<i>Candinia pliocaenica</i>	Le Renard, Sabelli, Taviani, 1996	M
Animalia	Mollusca	Gastropoda		Heterobranchia	-	Architectonicidae	<i>Architectonica</i>	-	<i>Architectonica bannocki</i>	Melone & Taviani, 1980	M
Animalia	Mollusca	Gastropoda		Heterobranchia	-	Architectonicidae	<i>Basisulcata</i>	-		Melone & Taviani, 1984	M
Animalia	Mollusca	Gastropoda		Heterobranchia	-	Architectonicidae	<i>Solatisonax</i>	<i>Granoheiliacus (alternate representation of Solatisonax)</i>		Melone & Taviani, 1984	M
Animalia	Mollusca	Gastropoda		Heterobranchia	-	Architectonicidae	<i>Solatisonax</i>	<i>Redivivus</i>		Melone & Taviani, 1984	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Mollusca	Gastropoda		Patellogastropoda		Patellidae	<i>Patella</i>		<i>Patella alessiae</i>	Fori, Dell'Angelo, Ciappelli, Taviani, 2003	M
Animalia	Mollusca	Gastropoda		Vetigastropoda		Haliotidae	<i>Haliotis</i>		<i>Haliotis bertinii</i>	Fori, Dell'Angelo, Montagna, Taviani, 2004	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Achantochitonidae	<i>Craspedochiton</i>		<i>Craspedochiton eernissei</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Lepidochitonidae	<i>Lepidochitona</i>		<i>Lepidochitona squiresi</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Lepidochitonidae	<i>Lepidochitona</i>		<i>Lepidochitona washingtonensis</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Ischnochitonidae	<i>Ischnochiton</i>		<i>Ischnochiton goederti</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Ischnochitonidae	<i>Lepidopleurus</i>		<i>Lepidopleurus propecajetanus</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Ischnochitonidae	<i>Lepidozona</i>		<i>Lepidozona cowlitzensis</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Mollusca	Polyplacophora		Neoloricata	Chitonida	Ischnochitonidae	<i>Stenoplax</i>		<i>Stenoplax quimperensis</i>	Dell'Angelo, Bonfitto, Taviani, 2011	M
Animalia	Platyhelminthes	Trematoda		Digenea	Plagiorchiida	Opecoilidae	<i>Macvicaria</i>		<i>Macvicaria muraenolepidis</i>	Zdzitowiecki, Pisano, Vacchi, 1992	M
Animalia	Platyhelminthes	Trematoda		Digenea	Plagiorchiida	Opecoilidae	<i>Macvicaria</i>		<i>Macvicaria ophthalmolyci</i>	Zdzitowiecki, Pisano, Vacchi, 1992	M
Animalia	Platyhelminthes	Trematoda		Digenea	Plagiorchiida	Opecoilidae	<i>Neolebouria</i>		<i>Neolebouria terranovaensis</i>	Zdzitowiecki, Pisano, Vacchi, 1993	M
Animalia	Rotifera	Eurotatoria		Bdelloidea	Philodinavida	Philodinavidae	<i>Abrochtha</i>		<i>Abrochtha kingi</i>	Birky, Ricci, Melone, Fontaneto, 2011	F

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Animalia	Rotifera	Eurotatoria		Bdelloidea	Philodinavida	Philodinavidae	<i>Abrochtha</i>		<i>Abrochtha meselsoni</i>	Birky, Ricci, Melone, Fontaneto, 2011	F
Animalia	Rotifera	Eurotatoria		Bdelloidea	Philodinavida	Philodinavidae	<i>Abrochtha</i>		<i>Abrochtha sonneborni</i>	Birky, Ricci, Melone, Fontaneto, 2011	F
Animalia	Rotifera	Eurotatoria		Bdelloidea	Philodinavida	Philodinavidae	<i>Philodinavus</i>		<i>Philodinavus aussiensis</i>	Ricci, Shiel, Fontaneto, Melone, 2003	F
Animalia	Rotifera	Eurotatoria		Monogononta	Ploima	Brachionidae	<i>Brachionus</i>		<i>Brachionus manjavacas</i>	Fontaneto, Giordani, Melone, Serra, 2007	F
Animalia	Rotifera	Eurotatoria		Monogononta	Ploima	Lecanidae	<i>Lecane</i>		<i>Lecane insulaconae</i>	Fontaneto, Segers & Melone, 2008	F
Animalia	Cnidaria	Hydrozoa		Hydroidolina	Leptothecata	Haleciidae	<i>Halecium</i>		<i>Halecium exaggeratum</i>	Peña Cantero, Boero & Piraino, 2013	M
Animalia	Cnidaria	Scyphozoa		Discomedusae	Semaeostomeae	Pelagiidae	<i>Pelagia</i>		<i>Pelagia benovici</i>	Piraino, Aglieri, Martell, Mazzoldi, Melli, Milisenda, Scorrano & Boero, 2014	M
Animalia	Cnidaria	Scyphozoa		Discomedusae	Semaeostomeae	Ulmaridae	<i>Aurelia</i>		<i>Aurelia relictata</i>	Scorrano, Aglieri, Boero, Dawson, Piraino, 2016	M
Archaea	Euryarchaeota	Halobacteria		-	Halobacteriales	Halobacteriaceae	<i>Halanaeroarchaeum</i>			Sorokin, Kublanov, Yakimov, Rijpstra, Sinninghe Damsté, 2016	M
Archaea	Euryarchaeota	Halobacteria		-	Halobacteriales	Halobacteriaceae	<i>Halanaeroarchaeum</i>		<i>Halanaeroarchaeum sulfurreducens</i>	Sorokin, Kublanov, Yakimov, Rijpstra, Sinninghe Damsté, 2016	M
Archaea	Euryarchaeota	Halobacteria		-	Natrialbales	Natrialbaceae	<i>Natrinema</i>		<i>Natrinema salaciae</i>	Albuquerque, La Taborda, Cono, Yakimov, da Costa, 2012	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Archaea	Euryarchaeota	Thermoplasma- ta			Thermoplasmata- les	Ferroplasmaceae	<i>Acidiplasma</i>			Golyshina, Yakimov, Lünsdorf, Ferrer, Nimtz, Timmis, Wray, Tindall, Golyshin, 2009	M
Archaea	Euryarchaeota	Thermoplasma- ta			Thermoplasmata- les	Ferroplasmaceae	<i>Acidiplasma</i>		<i>Acidiplasma aeolicum</i>	Golyshina, Yakimov, Lünsdorf, Ferrer, Nimtz, Timmis, Wray, Tindall, Golyshin, 2009	M
Archaea	Euryarchaeota	Thermoplasma- ta			Thermoplasmata- les	Ferroplasmaceae				Golyshina, Pivovarova, Karavaiko, Kondratéva, Moore, Abraham, Lünsdorf, Timmis, Yakimov, Golyshin, 2000	M
Archaea	Euryarchaeota	Thermoplasma- ta			Thermoplasmata- les	Ferroplasmaceae	<i>Ferroplasma</i>			Golyshina, Pivovarova, Karavaiko, Kondratéva, Moore, Abraham, Lünsdorf, Timmis, Yakimov, Golyshin, 2000	M
Archaea	Euryarchaeota	Thermoplasma- ta			Thermoplasmata- les	Ferroplasmaceae	<i>Ferroplasma</i>		<i>Ferroplasma acidiphilum</i>	Golyshina, Pivovarova, Karavaiko, Kondratéva, Moore, Abraham, Lünsdorf, Timmis, Yakimov, Golyshin, 2000	M
Bacteria	Cyanobacteria	Cyanophyceae		Synechococphy- cideae	Pseudanabaenales	Pseudanabaenaceae	<i>Halomicronema</i>		<i>Halomicronema metazoicum</i>	Caroppo, Albertano, Bruno, Montinari, Rizzi, Vigliotta, Pagliara, 2012	M
Bacteria	Proteobacteria	Alphaproteo- bacteria		-	Rhodobacterales	Rhodobacteriaceae	<i>Palleronia</i>		<i>Palleronia abyssalis</i>	Albuquerque, França, Taborda, La Cono, Yakimov, da Costa, 2014	M
Bacteria	Proteobacteria	Epsilonproteo- bacteria		-	Incertae sedis		<i>Sulfurovum</i>		<i>Sulfurovum riftiae</i>	Giovannelli, Chung, Staley, Starovoytov & Vetriani, 2016	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Bacteria	Proteobacteria	Gammaproteobacteria			Chromatiales	Ectothiorhodospiraceae	<i>Alcalilimnicola</i>			Yakimov, Giuliano, Chernikova, Gentile, Abraham, Lunsdorf, Timmis, Golyshin, 2001	F
Bacteria	Proteobacteria	Gammaproteobacteria			Chromatiales	Ectothiorhodospiraceae	<i>Alcalilimnicola</i>		<i>Alcalilimnicola halodurans</i>	Yakimov, Giuliano, Chernikova, Gentile, Abraham, Lunsdorf, Timmis, Golyshin, 2001	F
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Alcanivoracaceae				Golyshin, Harayama, Timmis, Yakimov, 2007	M
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Alcanivoracaceae	<i>Alcanivorax</i>			Yakimov, Golyshin, Lang, Moore, Abraham, Lunsdorf & Timmis, 1998	M
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Alcanivoracaceae	<i>Alcanivorax</i>		<i>Alcanivorax borkumensis</i>	Yakimov, Golyshin, Lang, Moore, Abraham, Lunsdorf & Timmis, 1998	M
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Oceanospirillaceae	<i>Thalassolituus</i>			Yakimov, Giuliano, Denaro, Crisafi, Chernikova, Abraham, Lunsdorf, Timmis & Golyshin, 2004	M
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Oceanospirillaceae	<i>Thalassolituus</i>		<i>Thalassolituus oleivorans</i>	Yakimov, Giuliano, Denaro, Crisafi, Chernikova, Abraham, Lunsdorf, Timmis & Golyshin, 2004	M
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Oleiphilaceae	<i>Oleiphilus</i>			Golyshin, Chernikova, Abraham, Lunsdorf, Timmis & Yakimov, 2002	M
Bacteria	Proteobacteria	Gammaproteobacteria			Oceanospirillales	Oleiphilaceae	<i>Oleiphilus</i>		<i>Oleiphilus messinensis</i>	Golyshin, Chernikova, Abraham, Lunsdorf, Timmis & Yakimov, 2002	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Bacteria	Proteobacteria	Gammaproteobacteria			Thiotrichales	Piscirickettsiaceae	<i>Galenea</i>			Giovannelli, Starovoytov, Manini, Yakimov, Vetriani, 2012	M
Bacteria	Proteobacteria	Gammaproteobacteria			Thiotrichales	Piscirickettsiaceae	<i>Galenea</i>		<i>Galenea microaerophila</i>	Giovannelli, Starovoytov, Manini, Yakimov, Vetriani, 2012	M
Bacteria	Proteobacteria	Gammaproteobacteria			Thiotrichales	Piscirickettsiaceae	<i>Galenea</i>		<i>Galenea</i> sp. P3D	Giovannelli, Starovoytov, Manini, Yakimov, Vetriani, 2012	M
Chromista	Foraminifera	Clobothalamea			Rotaliida	Glabratellidae	<i>Glabratella</i>		<i>Glabratella gallignanii</i>	Borsetti & Vercesi, 1977	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Archaeodictyomitridae	<i>Archaeodictyomitra</i>		<i>Archaeodictyomitra etrusca</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Archaeodictyomitridae	<i>Archaeodictyomitra</i>		<i>Archaeodictyomitra labronica</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Archaeodictyomitridae	<i>Archaeodictyomitra</i>		<i>Archaeodictyomitra spelae</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Canoptidae	<i>Cinguloturris</i>		<i>Cinguloturris venusta</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Carpocaniidae	<i>Theocapsomma</i>		<i>Theocapsomma costata</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Eucyrtidiellidae	<i>Eucyrtidiellum</i>		<i>Eucyrtidiellum bortolottii</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Eucyrtidiellidae	<i>Eucyrtidiellum</i>		<i>Eucyrtidiellum circumperforatum</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Hsuidae	<i>Transhsuum</i>		<i>Transhsuum crassum</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Sethocapsidae	<i>Sethocapsa</i>		<i>Sethocapsa aitai</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Sethocapsidae	<i>Sethocapsa</i>		<i>Sethocapsa kodrai</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Stichocapsidae	<i>Stichocapsa</i>		<i>Stichocapsa cicciona</i>	Chiari, Marcucci & Prela, 2002	M

Kingdom	Phylum	Class	Clade/ Subclass group	Subclass	Order	Family	Genus	Subgenus	Original species name	Authorship	Habitat
Chromista	Radiozoa	Radiolaria			Nassellaria	Stichocapsidae	<i>Stichocapsa</i>		<i>Stichocapsa glomerulus</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Stichocapsidae	<i>Stichocapsa</i>		<i>Stichocapsa tuscanica</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Stichocapsidae	<i>Stichocapsa</i>		<i>Stichocapsa ulivii</i>	Chiari, Cortese & Marcucci, 1997	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Unumidae	<i>Unuma</i>		<i>Unuma michelei</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Xitidae	<i>Neorelumbra</i>		<i>Neorelumbra skenderbegi</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Williriedellidae	<i>Striatojaponicapsa</i>		<i>Striatojaponicapsa glomerulus</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Williriedellidae	<i>Williriedellum</i>		<i>Williriedellum nodosum</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Nassellaria	Incertae sedis	<i>Tricolocapsa</i>		<i>Tricolocapsa formosa</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Spumellaria	Angulobracchiidae	<i>Paronaella</i>		<i>Paronaella shebajensis</i>	Chiari, Marcucci & Prela, 2002	M
Chromista	Radiozoa	Radiolaria			Spumellaria	Archaeospongo-prunidae	<i>Archaeospongo-prunum</i>		<i>Archaeospongo-prunum selvaense</i>	Chiari, 1994	M
Chromista	Radiozoa	Radiolaria			Spumellaria	Pantaneliidae	<i>Gorgansium</i>		<i>Gorgansium frutaense</i>	Chiari, 1994	M