

GIANNA INNOCENTI (*)

COLLECTIONS OF THE NATURAL HISTORY MUSEUM OF THE UNIVERSITY OF FLORENCE - ZOOLOGICAL SECTION «LA SPECOLA». XXX. Phylum Echinodermata, Class Asteroidea

Abstract - Collections of the Natural History Museum of the University of Florence - Zoological Section «La Specola». XXX. Phylum Echinodermata, Class Asteroidea. The list of the specimens belonging to the class Asteroidea, preserved in the Zoological Section «La Specola» of the Natural History Museum of the University of Florence is given.

Key words - Echinodermata, Asteroidea, systematics, collections.

Riassunto - Cataloghi del Museo di Storia Naturale dell'Università di Firenze, Sezione di Zoologia «La Specola». XXX. Phylum Echinodermata, Classe Asteroidea. Sono elencati gli esemplari appartenenti al phylum Echinodermata, Classe Asteroidea conservati nelle collezioni della Sezione di Zoologia «La Specola» del Museo di Storia Naturale dell'Università di Firenze.

Parole chiave: Echinodermata, Asteroidea, sistematica, collezioni.

INTRODUCTION

Class Asteroidea. The collection of «La Specola» Museum consists of 97 identified species, belonging to 20 families, besides many unidentified specimens from the Mediterranean sea and tropical areas. The specimens are dried or preserved in alcohol.

The collection was constituted at the same time and in the same circumstances as already reported for the Classes Ophiuroidea, Crinoidea and Holothuroidea (Innocenti, 2010; 2013 and references therein).

This paper lists all the type specimens and the identified and not yet identified specimens with the aim of providing a resource for research and/or loan to specialists.

The systematic order of the present catalogue follows that proposed by Mah (2013) and the Italian material has been compared to Fredj *et al.* (1995). For each specimen, or group of specimens, the following data are reported: genus, species, author, year of description, nation, locality (with the Italian province abbreviation between brackets and for Italian localities listed from North to South), date (day.month.year) and collector, author of the determination, previous determination and author, new authors in chronological order, number of specimens, and the Echinodermata catalogue number (MZUF, in brackets).

Abbreviations, terms and acronyms

ca. = about; data ? = unknown date; det. = determination/author; det. ? = unknown author; don. = donated by; Is. = island/isle; leg. = collector/s; leg. ? = unknown collector; Patria ? = unknown locality; pur. = purchased; upd. = updated by; sp. = specimen/s; sic = written thus; MZUF = Florence University Zoology Museum Echinodermata catalogue collection number.

SYSTEMATICS

Class ASTEROIDEA de Blainville 1830 (Table 1)

Order BRISINGIDA Fisher 1928

Family BRISINGIDAE G.O. Sars 1875

Hymenodiscus coronata (G.O. Sars 1872)

Italy, (LI) Livorno, Lat. 43°11'00"N Long. 09°43'83"E, -421 m, 24.IV.1987, leg. I.S.T.I.P., previous det. *Brisingella coronata* det. M. Borri, upd. G. Innocenti, 1 arm (MZUF 1193)

Italy, Lat. 41°14'38"4"N Long. 08°18'05"74"E, muddy bottom, -2145 m, 1881, leg. R.N. «Washington», previous det. *Brisinga coronata* det. C. Bartolini Baldelli, upd. G. Innocenti, 1 sp. (MZUF 2454)

Italy, Lat. 41°23'38" N Long. 07°08'54"E, muddy bottom, -2904 m, 1881, leg. R.N. «Washington», previous det. *Brisinga coronata* det. C. Bartolini Baldelli, upd. G. Innocenti, 1 sp. (MZUF 2455)

Order FORCIPULATIDA Perrier 1884

Family ASTERIIDAE Gray 1840

Anasterias antarctica (Lütken 1857)

Argentina, Tierra del Fuego, Capo Domingo, tidal zone, 21.I.1974, leg. G.R.S.T.S., det. E. Tortonese, 56 sp. (MZUF 525)

Argentina, Capo Viamonte, S of Rio Grande, tidal zone, 22.I.1974, leg. G.R.S.T.S., det. E. Tortonese, 3 sp. (MZUF 2459)

Anasterias pedicellaris Koheler 1923

Argentina, Tierra del Fuego, Ushuaia, Isla Redonda, 22.I.1974, leg. G.R.S.T.S., det. ?, 3 sp. (MZUF 524)

(*) Museo di Storia Naturale dell'Università di Firenze, Sezione Zoologica «La Specola», via Romana 17, 50125 Firenze, Italia.
E-mail: gianna.innocenti@unifi.it

Tab. 1 - Synoptic table of the Class Asteroidea.

Order	Family	Species	No. of jars		
Brisingida	Brisingidae	<i>Hymenodiscus coronata</i> (G.O. Sars 1872)	3		
	Forcipulatida	Asteriidae	<i>Anasterias antactica</i> (Lütken 1857)	2	
<i>Anasterias pedicellaris</i> Koheler 1923			1		
		<i>Anasterias</i> sp.	4		
		<i>Asterias amurensis</i> Lütken 1871	2		
		<i>Asterias forbesi</i> (Desor 1848)	3		
		<i>Asterias rubens</i> Linnaeus 1758	2		
		<i>Asterias versicolor</i> Packard 1869	1		
		<i>Asterias vulgaris</i> Packard 1869	1		
		<i>Coscinasterias calamaria</i> (Gray 1840)	2		
		<i>Coscinasterias tenuispina</i> (Lamarck 1816)	17		
		<i>Leptasterias compta</i> (Stimpson 1862)	1		
		<i>Marthasterias glacialis</i> (Linnaeus 1758)	27		
		<i>Pisaster ocraceus</i> (Brandt 1835)	1		
		<i>Sclerasterias richardi</i> (Perrier 1882)	3		
	Heliasteridae	<i>Heliaster cumingi</i> (Gray 1840)	2		
		<i>Heliaster belianthus</i> (Lamarck 1816)	1		
		<i>Heliaster microbrachius</i> Xantus 1860	1		
		<i>Labidiaster radiosus</i> Lütken 1871	1		
	Stichasteridae	<i>Cosmasterias lurida</i> (Philippi 1858)	2		
		<i>Stichaster striatus</i> Müller & Troschel 1840	1		
Spinulosida	Echinasteridae	<i>Echinaster purpureus</i> (Gray 1840)	3		
		<i>Echinaster (Echinaster) reticulatus</i> H.L. Clark 1923	2		
		<i>Echinaster (Echinaster) sepositus</i> (Retzius 1783)	80		
		<i>Echinaster (Otbilia) sentus</i> (Say 1825)	1		
		<i>Echinaster</i> sp.	1		
		<i>Henricia sanguinolenta</i> (O.F. Müller 1776)	3		
		<i>Henricia</i> sp.	1		
Paxillosida	Astropectinidae	<i>Astropecten aranciacus</i> (Linnaeus 1758)	16		
		<i>Astropecten bispinosus</i> (Otto 1823)	15		
		<i>Astropecten hemprichi</i> Müller & Troschel 1842	1		
		<i>Astropecten irregularis</i> (Pennant 1777)	3		
		<i>Astropecten irregularis pentacanthus</i> (Delle Chiaje 1827)	97		
		<i>Astropecten jonstoni</i> (Delle Chiaje 1827)	16		
		<i>Astropecten marginatus</i> Gray 1840	1		
		<i>Astropecten platyacanthus</i> (Philippi 1837)	8		
		<i>Astropecten polyacanthus</i> Müller & Troschel 1842	3		
		<i>Astropecten spinulosus</i> (Philippi 1837)	9		
		<i>Astropecten velitaris</i> von Martens 1865	1		
		<i>Astropecten</i> sp.	2		
			<i>Tethyaster subinermis</i> (Philippi 1837)	20	
			Ctenodiscidae	<i>Ctenodiscus crispatus</i> (Retzius 1805)	1
			Luidiidae	<i>Luidia ciliaris</i> (Philippi 1837)	9
				<i>Luidia sarsii</i> Düben & Koren 1845	10
Valvatida	Acanthasteridae	<i>Acanthaster planci</i> (Linnaeus 1758)	6		
	Archasteridae	<i>Archaster typicus</i> Müller & Troschel 1840	3		
	Asterinidae	<i>Anseropoda placenta</i> (Pennant 1777)	23		
		<i>Aquilonastra burtoni</i> (Gray 1840)	8		
		<i>Aquilonastra cepheus</i> (Müller & Troschel 1842)	4		
		<i>Asterina fimbriata</i> Perrier 1875	1		
		<i>Asterina gibbosa</i> (Pennant 1777)	23		
		<i>Asterina pancerii</i> (Gasco 1870)	3		
	<i>Asterina stellifera</i> (Möbius 1859)	2			

Order	Family	Species	No. of jars
		<i>Parvulastra exigua</i> (Lamarck 1816)	1
		<i>Patiria chilensis</i> Verrill 1870	1
		<i>Patiria miniata</i> Verrill 1913	1
		<i>Patiria pectinifera</i> (Müller & Troschel 1842)	1
		<i>Patiriella gunni</i> (Gray 1840)	1
		<i>Patiriella regularis</i> (Verrill 1867)	3
	Asteropseidae	<i>Asteropsis carinifera</i> (Lamarck 1816)	5
	Chaetasteridae	<i>Chaetaster longipes</i> (Retzius 1805)	7
	Goniasteridae	<i>Fromia ghardaqana</i> Mortensen 1938	4
		<i>Fromia indica</i> (Perrier 1869)	1
		<i>Fromia milleporella</i> (Lamarck 1816)	4
		<i>Peltaster placenta</i> (Müller & Troschel 1842)	19
		<i>Stellaster equestris</i> (Retzius 1805)	2
	Mithrodiidae	<i>Mithrodia bradley</i> Verrill 1870	1
		<i>Mithrodia clavigera</i> (Lamarck 1816)	4
	Odontasteridae	<i>Odontaster penicillatus</i> (Philippi 1870)	1
		<i>Odontaster validus</i> Koehler 1906	1
	Ophidiasteridae	<i>Dactylosaster cylindricus</i> (Lamarck 1816)	1
		<i>Gomophia egyptiaca</i> Gray 1840	3
		<i>Hacelia attenuata</i> Gray 1840	11
		<i>Leiaster glaber</i> Peters 1852	1
		<i>Leiaster leachi</i> (Gray 1840)	3
		<i>Linckia guildingi</i> Gray 1840	3
		<i>Linckia laevigata</i> (Linnaeus 1758)	6
		<i>Linckia multifora</i> (Lamarck 1816)	19
		<i>Linckia</i> sp.	2
		<i>Nardoa variolata</i> (Retzius 1805)	5
		<i>Ophidiaster cribrarius</i> Lütken 1871	4
		<i>Ophidiaster granifer</i> Lütken 1871	1
		<i>Ophidiaster ophidianus</i> (Lamarck 1816)	6
		<i>Ophidiaster</i> sp.	1
		<i>Pharia pyramidata</i> (Gray 1840)	2
		<i>Phataria unifascialis</i> (Gray 1840)	1
	Oreasteridae	<i>Choriaster granulatus</i> Lütken 1869	2
		<i>Culcita coriacea</i> Müller & Troschel 1842	4
		<i>Culcita novaequineae</i> Müller & Troschel 1842	1
		<i>Culcita schmideliana</i> (Retzius 1805)	4
		<i>Culcita</i> sp.	2
		<i>Monachaster sanderi</i> (Meissner 1892)	2
		<i>Nidorellia armata</i> Gray 1840	4
		<i>Oreaster reticulatus</i> (Linnaeus 1758)	3
		<i>Pentaceraster affinis</i> (Müller & Troschel 1842)	1
		<i>Pentaceraster cumingi</i> (Gray 1840)	2
		<i>Pentaceraster horridus</i> (Gray 1840)	1
		<i>Pentaceraster tuberculatus</i> (Müller & Troschel 1842)	6
		<i>Pentaceraster mammillatus</i> (Audouin 1826)	9
		<i>Protoreaster lincki</i> (de Blainville 1830)	12
		<i>Protoreaster nodosus</i> (Linnaeus 1758)	3
		Oreasteridae Gen. Sp.	2
	Solasteridae	<i>Lophaster furcifer</i> (Düben & Koren 1846)	1
		<i>Crossaster papposus</i> (Linnaeus 1767)	5
		<i>Solaster endeca</i> (Linnaeus 1771)	2
Velatida	Pterasteridae	<i>Euretaster cribrosus</i> (von Martens 1867)	2
unknown	unknown	Asteroidea Gen. Sp.	82

Anasterias sp.

Argentina, Tierra del Fuego, Beagle Channel, Isla Eclair-
eur, 6.I.1974, leg. G.R.S.T.S., det. E. Tortonese, 6 sp.
(MZUF 526)

Argentina, Tierra del Fuego, Ushuaia, Isla Redonda,
south coast, 3.I.1974, leg. G.R.S.T.S., det. E. Tortonese,
4 sp. (MZUF 2460)

Argentina, Tierra del Fuego, Capo Domingo, tidal zone,
21.I.1974, leg. G.R.S.T.S., det. E. Tortonese, 8 sp.
(MZUF 2461)

Argentina, Tierra del Fuego, Capo Domingo, tidal zone,
21.I.1974, leg. G.R.S.T.S., det. E. Tortonese, 1 sp.
(MZUF 2462)

Asterias amurensis Lütken 1871

Russia, Tartary, Possiette (= Poyset) Bay, 1879, don.
Prince Tommaso, det. A. Senna, 3 sp. (MZUF 471)

Russia, De Castries Bay, IV.1889, pur. A.C. Pohl, det. A.
Senna, 1 sp. (MZUF 473)

Asterias forbesi (Desor 1848)

USA, Massachussets, Gloucester, 1881, don. the U.S.
National Museum, Smithsonian Institution, det. ?, 1 sp.
(MZUF 474)

USA, Massachussets, Vineyard, 1881, don. the U.S. Na-
tional Museum, Smithsonian Institution, det. A. Senna, 9
sp. (MZUF 482)

USA, Massachussets, Vineyard, 1881, don. the U.S. Na-
tional Museum, Smithsonian Institution, det. A. Senna, 2
sp. (MZUF 2571)

Asterias rubens Linnaeus 1758

Germany, Helgoland, IX.1865, leg. P. Marchi, previous
det. *Asterias glacialis* det. A. Senna, upd. G. Innocenti, 2
sp. (MZUF 477)

Germany, Gulf of Kiel, 1873, leg. K. A. Moebius, det. A.
Senna, 3 sp. (MZUF 2463)

Asterias versicolor Sladen 1889

Japan, Hokkaido, Hakodate, 1879, don. Prince Tomma-
so, det. A. Senna, 2 sp. (MZUF 472)

Asterias vulgaris Packard 1869

Canada, Nova Scotia, Halifax, 1881, don. the U.S. Natio-
nal Museum, Smithsonian Institution, det. A. Senna, 1
sp. (MZUF 476)

Coscinasterias calamaria (Gray 1840)

Australia, VII.1889, pur. K. Fristedt, det. ?, 2 sp. (MZUF
479)

Australia, 1879, don. Prince Tommaso, previous det.
Asterias calamaria Gray det. A. Senna, upd. R. Fareltri, 3
sp. (MZUF 483)

Coscinasterias tenuispina (Lamarck 1816)

Italy, (GE) Sestri Levante, 16.VII.1983, leg. F. Terzani,
det. F. Terzani, 5 sp. (MZUF 2464)

Italy, (SP) La Spezia, 1863, leg. A. Targioni Tozzetti, pre-
vious det. *Asterias tenuispina* Lamarck det. A. Senna,
upd. R. Fareltri, 1 sp. (MZUF 76)

Italy, (SP) Lerici, Fiascherino, 5.X.1969, leg. B. Lanza,
det. ?, 9 sp. (MZUF 136)

Italy, (LI) Castiglioncello, -0-7 m, 13.X.1989, leg. M.
Borri, S. Viciani & A. Lazzaretto, det. ?, 1 sp. (MZUF
1658)

Italy, (LI) Castiglioncello, Quercetano beach, 7.VII.1977,
leg. F. Terzani, det. F. Terzani, 1 sp. (MZUF 2465)

Italy, (LI) Elba Is., Portoferraio, XI.1880, don. V. Tosca-
nelli, previous det. *Asterias tenuispina* Lamarck det. A.
Senna, upd. R. Fareltri, 1 sp. (MZUF 26)

Italy, (LI) Quercianella harbour, -0.3-9 m, 6.X.1989, leg.
G. Buracchi, P.L. Finotello & A. Lazzaretto, det. ?, 4 sp.
(MZUF 1660)

Italy, (LI) Quercianella harbour, -0-6 m, 18.X.1989, leg.
A. Lazzaretto, S. Viciani & C. Volpi, det. ?, 2 sp. (MZUF
1659)

Italy, (GR) Castiglione della Pescaia, Le Rocchette, -0-2 m,
28.IX.1989, leg. S. Viciani & A. Lazzaretto, det. ?, 9 sp.
(MZUF 1661)

Italy, (GR) Talamone, 29.VI.1972, leg. Cimini, L. Billi &
Bellini, det. ?, 8 sp. (MZUF 487)

Italy, (SS) La Maddalena Is., 1872, don. Ministry of Agri-
culture, previous det. *Asterias tenuispina* Lamarck det. A.
Senna, upd. R. Fareltri, 1 sp. (MZUF 109)

Italy, (NA) Gulf of Naples, IX.1874, leg. G. Cavanna,
previous det. *Asterias tenuispina* Lamarck det. A. Senna,
upd. R. Fareltri, 5 sp. (MZUF 97)

Italy, (NA) Gulf of Naples, XII.1864, don. P. Panceri,
previous det. *Asterias tenuispina* Lamarck det. A. Senna,
upd. R. Fareltri, 4 sp. (MZUF 2568)

Italy, (NA) Naples, IX.1892, pur. Stazione Zoologica di
Napoli, previous det. *Asterias tenuispina* Lamarck det. A.
Senna, upd. R. Fareltri, 1 sp. (MZUF 108)

Italy, (NA) Naples, XII.1864, don. P. Panceri, previous
det. *Asterias tenuispina* Lamarck det. A. Senna, upd. R.
Fareltri, 1 sp. (MZUF 80)

Italy, (VV) Capo Vaticano, Le Grotticelle, -6 m, 15.VII.
1969, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 157)

Italy, (ME) Messina, IX-X.1868, leg. A. Targioni Tozzet-
ti, previous det. *Asterias tenuispina* Lamarck det. A. Sen-
na, upd. R. Fareltri, 2 sp. (MZUF 74)

Leptasterias compta (Stimpson 1862)

USA, Rhode Island, Watch Hill, 1881, don. the U.S. Na-
tional Museum, Smithsonian Institution, previous det.
Asterias compta Stimpson det. A. Senna, upd. G. Inno-
centi, 2 sp. (MZUF 475)

Marthasterias glacialis (Linnaeus 1758)

Italy, (LI) Baratti, Punta delle Pianacce, 13.II.1966, leg.
C. De Giuli & Mantellassi, det. ?, 1 sp. (MZUF 14)

Italy, (LI) Baratti, Punta delle Pianacce, -30 m, 6.II.1966,
leg. C. De Giuli, Mantellassi & Gori, det. ?, 1 sp. (MZUF
149)

Italy, (LI) Elba Is., Portoferraio, 1882, don. V. Toscanel-
li, previous det. *Asterias glacialis* det. A. Senna, upd. R.
Fareltri, 3 sp. (MZUF 79)

Italy, (LI) Livorno, Calafuria, 23.II.1997, don. L. Falciai,
det. L. Falciai, 1 sp. (MZUF 2467)

Italy, (LI) Livorno, Lat. 43°15'24"N Long. 10°20'03"E, -29 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1112)

Italy, (LI) Livorno, Lat. 43°13'88"N Long. 10°23'49"E, -49 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1310)

Italy, (LI) Livorno, Meloria shoals, -10 m, 21.IX.1970, leg. M. L. Azzaroli, det. ?, 1 sp. (MZUF 119)

Italy, (LI) Livorno, Meloria shoals, 28.IX.1969, leg. B. Lanza & Lottini, det. ?, 5 sp. (MZUF 484)

Italy, (LI) Pianosa Is., -3 m, 28.VII.1970, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 161)

Italy, (LI) Pianosa Is., near Scoglio della Scola, 2.VI.1970, leg. ?, det. ?, 1 sp. (MZUF 167)

Italy, (LI) Pianosa Is., Porto Romano, -5 m, 6.VIII.1970, leg. A. Ceccanti & L. Chelazzi, det. ?, 2 sp. (MZUF 160)

Italy, (LI) Pianosa Is., Scoglio della Scola, -9 m, 3.V.1970, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 158)

Italy, (LI) Quercianella, VII.1967, leg. A. Mascagni, det. F. Terzani, 1 sp. (MZUF 2466)

Italy, (GR) Porto Ercole, V.1972, leg. I. Pucci, don. V. Wiechmann, det. ?, 2 sp. (MZUF 207)

Italy, (GR) Porto Ercole, V.1972, leg. V. Wiechmann, det. ?, 2 sp. (MZUF 209)

Italy, (GR) Porto Santo Stefano, -2 m, VIII.1970, leg. L. Billi, det. ?, 1 sp. (MZUF 155)

Italy, (CA) Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1720)

Italy, (CA) Cagliari, Porto Corallo, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1722)

Italy, (CA) Cagliari, VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1721)

Italy, (NA) Gulf of Naples, 1871, leg. Gasco, previous det. *Asterias glacialis* det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2570)

Italy, (VV) Capo Vaticano, Le Grotticelle, -5 m, 15.VII.1969, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 150)

Italy, (ME) Messina, IX-X.1868, leg. A. Targioni Tozzetti, previous det. *Asterias glacialis* det. A. Senna, upd. R. Fareltri, 2 sp. (MZUF 481)

Italy, (ME) Messina, VIII-X.1878, leg. E.H. Giglioli & G.B. Toscanelli, previous det. *Asterias glacialis* det. A. Senna, upd. R. Fareltri, 3 sp. (MZUF 84)

France, Corsica, Fautea, S. Lucia di Portovecchio, VII-VIII.1971, leg. M. & B. Lanza, det. ?, 1 sp. (MZUF 153)

France, Nice, VIII.1879, don. Barle, previous det. *Asterias glacialis* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 105)

Mediterranean Sea, <1843, leg. ?, previous det. *Asterias glacialis* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 34)

Mediterranean Sea, <1843, leg. ?, previous det. *Asterias glacialis* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 113)

Pisaster ochraceus (Brandt 1835)

USA, California, IV.1889, pur. A.C. Pohl, previous det. *Asterias ochracea* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 480)

Sclerasterias richardi (Perrier 1882)

Italy, (LI) Livorno, Lat. 43°12'76"N Long. 09°31'67"E, -141 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1358)

Italy, (SS) Asinara Is., Lat. 41°10'27"4"N Long. 8°15'41"7"E, on a coral bank, -168-284 m, 4.VIII.1881, leg. R.N. «Washington», previous det. *Hydrasterias richardi* det. C. Bartolini Baldelli, upd. E. Tortonese, 2 sp. (MZUF 1663)

Italy, (SS) near Asinara Is., on a coral bank, 8.VIII.1881, leg. R.N. «Washington», previous det. *Hydrasterias richardi* det. C. Bartolini Baldelli, upd. E. Tortonese, 1 sp. (MZUF 1664)

Family HELIASTERIIDAE Viguier 1878

Heliaster cumingi (Gray 1840)

Ecuador, Galapagos, Coamaño (=Jensen) Islet, 21.XII.1971, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 241)

Ecuador, Galapagos, I.1971, leg. R. Perotto, det. ?, 1 sp. (MZUF 243)

Heliaster helianthus (Lamarck 1816)

Chile, IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 455)

Heliaster microbrachius Xantus 1860

Mexico, Acapulco, 1881, don. the U.S. National Museum, Smithsonian Institution, previous det. *Heliaster microbrachia* Xantus det. A. Senna, upd. G. Innocenti, 2 sp. (MZUF 457)

Labidiaster radiosus Lütken 1871

Argentina, Patagonia, <1893, exchange with Berlin Museum, from the «Gazelle» cruise, det. A. Senna, 1 sp. (MZUF 523)

Family STICHASTERIDAE Perrier 1885

Cosmasterias lurida (Philippi 1858)

Argentina, Tierra del Fuego, Ushuaia harbour, 21.I.1974, leg. G.R.S.T.S., det. E. Tortonese, 12 sp. (MZUF 1658)

Argentina, Tierra del Fuego, Ushuaia beach, 2.I.1974, leg. M.L. Azzaroli, det. E. Tortonese, 10 sp. (MZUF 2468)

Stichaster striatus Müller & Troschel 1840

Chili (sic!), 1881, don. the U.S. National Museum, Smithsonian Institution, previous det. *Stichaster aurantiacus* Verrill det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 1662)

Order SPINULOSIDA Perrier 1884

Family ECHINASTERIDAE Verrill 1870

Echinaster purpureus (Gray 1840)

Red Sea, 1863, leg. ?, previous det. *Cribrella* det. A. Targioni Tozzetti, upd. A. Senna and E. Tortonese, 1 sp. (MZUF 527)

Somalia, Gesira, XII.1976, leg. S.B.S., det. E. Tortonese, 3 sp. (MZUF 337)

Somalia, Sar Uanle, XII.1976, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 338)

Echinaster (Echinaster) reticulatus H.L. Clark 1923

Kenya, Mombasa, Marine Park, 5.XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1518)

Kenya, Mtwapa, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1519)

Echinaster (Echinaster) sepositus (Retzius 1783)

Italy, (LI) Baratti, 200 m far from Punta delle Pianacce, 6.II.1966, leg. C. De Giuli, Mantellassi & Gori, det. ?, 4 sp. (MZUF 8)

Italy, (LI) Baratti, Populonia, -12 m, 5.V.1968, leg. M.L. Azzaroli, det. ?, 2 sp. (MZUF 127)

Italy, (LI) Baratti, Populonia, -30 m, 27.IV.1968, leg. M.L. Azzaroli & S. Carfi, det. ?, 3 sp. (MZUF 128)

Italy, (LI) Castiglioneccello, -60-70 m, VI.1910, leg. ?, det. E. Tortonese, 2 sp. (MZUF 96)

Italy, (LI) Elba Is., 1861, leg. A. Targioni Tozzetti, det. A. Senna, 5 sp. (MZUF 83)

Italy, (LI) Elba Is., Portoferraio, 1882, don. V. Toscanelli, det. A. Senna, 4 sp. (MZUF 82)

Italy, (LI) Livorno, 1-7 m, 20.X.1989, leg. M. Borri, A. Lazzarotti & A. Doricchi, det. M. Borri, 1 sp. (MZUF 1641)

Italy, (LI) Livorno, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 1107)

Italy, (LI) Livorno, Lat. 43°26'47"N Long. 10°03'41"E, -101 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 4 sp. (MZUF 1224)

Italy, (LI) Livorno, Lat. 43°24'30"N Long. 09°51'29"E, -204 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1098)

Italy, (LI) Livorno, Lat. 43°21'43"N Long. 09°58'36"E, -154 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1230)

Italy, (LI) Livorno, Lat. 43°21'37"N Long. 10°22'57"E, -40 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1220)

Italy, (LI) Livorno, Lat. 43°17'53"N Long. 10°09'48"E, -127 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1229)

Italy, (LI) Livorno, Lat. 43°15'24"N Long. 10°20'03"E, -29 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 4 sp. (MZUF 1218)

Italy, (LI) Livorno, Lat. 43°12'89"N Long. 10°15'79"E, -118 m, 29.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1226)

Italy, (LI) Livorno, Lat. 43°11'23"N Long. 10°27'97"E, -26 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1088)

Italy, (LI) Livorno, Lat. 43°09'30"N Long. 10°29'34"E, -31 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1219)

Italy, (LI) Livorno, Lat. 43°06'99"N Long. 10°20'97"E, -156 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1095)

Italy, (LI) Livorno, Lat. 43°06'89"N Long. 09°48'62"E, -145 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 10893)

Italy, (LI) Livorno, Lat. 43°06'48"N Long. 09°57'00"E, -134 m, 8.V.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1116)

Italy, (LI) Livorno, Lat. 43°04'62"N Long. 10°11'76"E, -129 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1092)

Italy, (LI) Livorno, Lat. 43°02'25"N Long. 10°17'04"E, -126 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1228)

Italy, (LI) Livorno, Lat. 43°02'25"N Long. 10°17'04"E, -118 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1093)

Italy, (LI) Livorno, Lat. 42°58'50"N Long. 10°21'50"E, -108 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 4 sp. (MZUF 1225)

Italy, (LI) Livorno, Lat. 42°58'37"N Long. 09°46'81"E, -143 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 958)

Italy, (LI) Livorno, Lat. 42°57'91"N Long. 10°27'29"E, -41 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 1221)

Italy, (LI) Livorno, Lat. 42°55'34"N Long. 09°43'33"E, -317 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1232)

Italy, (LI) Livorno, Lat. 42°55'09"N Long. 10°13'27"E, -119 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 952)

Italy, (LI) Livorno, Lat. 42°53'13"N Long. 10°08'53"E, -119 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 4 sp. (MZUF 1227)

Italy, (LI) Livorno, Lat. 42°51'76"N Long. 10°04'22"E, -96 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 949)

Italy, (LI) Livorno, Lat. 42°50'64"N Long. 10°02'08"E, -88 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1223)

Italy, (LI) Livorno, Meloria shallows, -8 m, 21.IX.1970, leg. M.L. Azzaroli, det. ?, 8 sp. (MZUF 120)

Italy, (LI) Livorno, Meloria shallows, IX.1969, leg. A. Lottini & B. Lanza, det. ?, 1 sp. (MZUF 107)

Italy, (LI) Pianosa Is., Cala San Giovanni, -4 m, 21.IV.1971, leg. A. Ceccanti & Vannucci, det. ?, 1 sp. (MZUF 165)

Italy, (LI) Pianosa Is., La Scola, 3.V.1970, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 166)

Italy, (LI) Pianosa Is., La Scola, 31.V.1970, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 162)

Italy, (LI) Pianosa Is., Roman harbour, -5 m, 6.VIII.1970, leg. A. Ceccanti & L. Chelazzi, det. ?, 1 sp. (MZUF 164)

Italy, (LI) Pianosa Is., Villa Agrippa, -5-10 m, 30.VIII.1970, leg. M.L. Azzaroli, det. ?, 2 sp. (MZUF 159)

Italy, (LI) Pianosa Is., Villa Agrippa, -9 m, 2.IX.1970, leg. M.L. Azzaroli, A. Cinelli & G. Sartoni, det. ?, 11 sp. (MZUF 168)

Italy, (LI) Quercianella, 0-6 m, 18.X.1989, leg. S. Viciani, C. Volpi, & A. Lazzarotti, det. M. Borri, 1 sp. (MZUF 1642)

- Italy, (LI) Quercianella, 21.IX.1975, leg. P. Grassi, don. F. Terzani, det. F. Terzani, 1 sp. (MZUF 2434)
- Italy, (LI) Quercianella, -2-9 m, 6.X.1989, leg. Buracchi, P.L. Finotello & A. Lazzeretti, det. M. Borri, 2 sp. (MZUF 1643)
- Italy, (LI) Rosignano Solvay, leg. F. Terzani, det. F. Terzani, 1 sp. (MZUF 2435)
- Italy, (GR) Argentario, -3-6 m, 17.VI.1989, leg. M. Borri, P.L. Finotello & A. Lazzeretti, det. M. Borri, 3 sp. (MZUF 1639)
- Italy, (GR) Argentario, -3-6 m, 5.VI.1989, leg. M. Borri, A. Lazzeretti & S. Viciani, det. M. Borri, 2 sp. (MZUF 1640)
- Italy, (GR) Argentario, Santa Caterina, -6-8 m, 16.VI.1989, leg. P.L. Finotello, A. Lazzeretti & S. Viciani, det. M. Borri, 1 sp. (MZUF 1636)
- Italy, (GR) Porto Ercole, IV.1972, leg. V. Wiechmann, det. ?, 12 sp. (MZUF 212)
- Italy, (SS) La Maddalena Is., 1878, don. R. Ministry of Agriculture, det. A. Senna, 3 sp. (MZUF 138)
- Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1731)
- Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1732)
- Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1750)
- Italy, (CA) Cagliari, 20.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1753)
- Italy, (CA) Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1727)
- Italy, (CA) Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1737)
- Italy, (CA) Cagliari, 26.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1728)
- Italy, (CA) Cagliari, 27.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1734)
- Italy, (CA) Cagliari, 7.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1736)
- Italy, (CA) Cagliari, Capo Spartivento, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1754)
- Italy, (CA) Capo di Pula, 10.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1730)
- Italy, (CA) Porto Corallo, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 4 sp. (MZUF 1735)
- Italy, (CA) Porto Corallo, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1751)
- Italy, (CA) Quirra, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1676)
- Italy, (CA) Quirra, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1733)
- Italy, (CA) Quirra, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1752)
- Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1924)
- Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1925)
- Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1926)
- Italy, Lat. 39°49'40"N, Long. 9°49'08"E, -60 m, leg. R.N. «Washington», 1881, det. C. Bartolini Baldelli, 1 sp. (MZUF 458)
- Italy, (NA) Gulf of Naples, IX.1874, leg. G. Cavanna, det. A. Senna, 1 sp. (MZUF 37)
- Italy, (NA) Gulf of Naples, XII.1864, leg. P. Panceri, det. A. Senna, 1 sp. (MZUF 98)
- Italy, (NA) Gulf of Naples, XII.1864, leg. P. Panceri, det. A. Senna, 2 sp. (MZUF 2560)
- Italy, (NA) Naples, data?, leg. ?, det. ?, 1 sp. (MZUF 36)
- Italy, (ME) Messina, X.1868, leg. A. Targioni Tozzetti, det. A. Senna, 2 sp. (MZUF 72)
- Italy, (ME) Messina, X-XI.1868, leg. A. Targioni Tozzetti, det. A. Senna, 1 sp. (MZUF 143)
- France, Banyuls-sur-Mer, 1960, leg. S. Carfi & B. Lanza, det. ?, 1 sp. (MZUF 129)
- France, Banyuls-sur-Mer, 1968, leg. B. Lanza, det. E. Tortonese, 4 sp. (MZUF 509)
- France, Corsica, Cerbiciale Archipelago, -60-70 m, VII-VIII.1971, leg. B. & M. Lanza, det. ?, 2 sp. (MZUF 146)
- France, Corsica, Fautea, S. Lucia di Portovecchio, date?, leg. B. Lanza, det. ?, 1 sp. (MZUF 147)
- Mediterranean Sea, <1843, leg. ?, det. A. Senna, 1 sp. (MZUF 88)
- Mediterranean Sea, <1843, leg. ?, det. A. Senna, 2 sp. (MZUF 32)
- Echinaster (Othilia) sentus* (Say 1825)
Brazil, 1871, pur. G. Bellenghi, previous det. *Echinaster spinosus* Müller & Troschel, det. A. Senna and A. Targioni Tozzetti, upd. G. Innocenti, 3 sp. (MZUF 460)
- Echinaster* sp.
Japan, Hakodate, 1881, don. H.R. Prince Tommaso, det. A. Senna, 1 sp. (MZUF 459)
- Henricia sanguinolenta* (O.F. Müller 1776)
Russia, White Sea, <1899, don. B.V. Sukatschoff, previous det. *Echinaster sanguinolentus*, det.?, upd. E. Tortonese, 3 sp. (MZUF 461)
- United Kingdom, British coasts, 1862, don. A. Targioni Tozzetti, previous det. *Cribrella oculata* (Linck) det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 486)
- U.S.A., Massachussets Bay, 1881, don. U.S. National Museum, Smithsonian Institution, previous det. *Cribrella oculata* (Linck) det. A. Senna, upd. R. Fareltri, 2 sp. (MZUF 485)
- Henricia* sp.
Patria?, <1843, leg. ?, previous det. *Cribrella* sp., det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2453)
- Order PAXILLOSIDA Perrier 1884
- Family ASTROPECTINIDAE Gray 1840
- Astropecten aranciacus* (Linnaeus 1758)
Italy, (LI) Baratti, Punta delle Pianacce, 13.II.1966, leg. C. De Giuli & Mantellassi, det. ?, 1 sp. (MZUF 15)

- Italy, (LI) Livorno, Lat. 43°28'83"N Long. 10°16'50"E, - 46 m, 2.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1150)
- Italy, (LI) Livorno, Lat. 43°26'07"N Long. 09°37'33"E, - 578 m, 5.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1151)
- Italy, (LI) Livorno, Lat. 42°57'91"N Long. 10°27'29"E, - 41 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1149)
- Italy, (MC) Portocivitanova, X-XI.1884, leg. G. Cavanna, previous det. *Astropecten aurantiacus* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 144)
- Italy, (MC) Portocivitanova, X-XI.1884, leg. G. Cavanna, previous det. *Astropecten aurantiacus* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 145)
- Italy, (CA) Cagliari, 11.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1697)
- Italy, (CA) Cagliari, V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1718)
- Italy, (CA) Capo Teulada, 18.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1690)
- Italy, (CA) Gulf of Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1696)
- Italy, (CA) southern Sardinia, IV.1988, leg. M. Borri & C. Volpi, det. G. Eva, 7 sp. (MZUF 1687)
- Italy, (CA) southern Sardinia, IV.1988, leg. M. Borri & C. Volpi, det. G. Eva, 5 sp. (MZUF 1688)
- Italy, (NA) Naples, 1892, pur. Stazione Zoologica di Napoli, previous det. *Astropecten aurantiacus* det. ?, upd. R. Fareltri, 1 sp. (MZUF 114)
- Italy, (RC) Rosarno, San Ferdinando, -12 m, VI.1969, leg. Vetromile, det. ?, 1 sp. (MZUF 140)
- France, Banyuls-sur Mer, 1960, leg. B. Lanza, det. ?, 1 sp. (MZUF 2469)
- France, Corsica, Gulf of Fautea, VII.1972, leg. B. Lanza, det. ?, 1 sp. (MZUF 470)
- Astropecten bispinosus* (Otto 1823)
- Italy, (TS) Trieste, I.1882, don. A. Stossich, det. A. Senna, 1 sp. (MZUF 27)
- Italy, (VE) Chioggia, V-VI.1872, don. A. Renier, det. A. Senna, 1 sp. (MZUF 106)
- Italy, (RA) Porto Corsini, VI.1899, leg. A. Andreini, det. ?, 1 sp. (MZUF 28)
- Italy, (LU) Viareggio, date?, leg. ?, det. ?, 1 sp. (MZUF 67)
- Italy, (LU) Viareggio, date?, leg. ?, det. ?, 5 sp. (MZUF 52)
- Italy, (LI) Castiglioncello, date?, leg. ?, det. ?, 6 sp. (MZUF 68)
- Italy, (LI) Livorno, Lat. 43°04'46"N Long. 10°28'41"E, - 48 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1152)
- Italy, (GR) Porto Ercole, VIII.1970, leg. L. Billi, det. S. Carfi, 14 sp. (MZUF 122)
- Italy, (AN) Ancona, leg. L. Montemerli, det. A. Senna, 5 sp. (MZUF 61)
- Italy, (RM) Ostia, VIII.1970, leg. M. Lanza, det. ?, 4 sp. (MZUF 170)
- Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1703)
- Italy, (CA) Cagliari, IX.1865, don. L. Brucalassi, det. A. Senna, 1 sp. (MZUF 63)
- Italy, (CA) Cagliari, V.1865, pur. F. Cara, det. A. Senna, 1 sp. (MZUF 101)
- Italy, (CA) Quirra, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1682)
- Italy, (NA) Naples, IX.1874, leg. G. Cavanna, det. A. Senna, 3 sp. (MZUF 39)
- France, Banyuls-sur Mer, 1960, don. Laboratory of Arago, det. ?, 1 sp. (MZUF 134)
- Mediterranean Sea, <1843, leg. ?, det. A. Senna, 2 sp. (MZUF 64)
- Mediterranean Sea, <1843, leg. ?, det. A. Senna, 6 sp. (MZUF 55)
- Astropecten hemprichi* Müller & Troschel 1842
- Saudi Arabia, Farasan Is. 8.IV.1984, leg. G.R.S.T.S., det. E. Tortonese, 2 sp. (MZUF 1652)
- Astropecten irregularis* (Pennant 1777)
- Kattegat, 1873, pur. Covrassen, Museum of Copenhagen, det. A. Senna, 2 sp. (MZUF 464)
- Germany, Helgoland, IX.1865, leg. P. Marchi, det. A. Senna, 1 sp. (MZUF 465)
- Baltic Sea, <1843, leg. ?, det. A. Senna, 5 sp. (MZUF 468)
- Astropecten irregularis pentacanthus* (Delle Chiaje 1827)
- Italy, (SP) La Spezia, IX.1867, leg. A. Targioni Tozzetti, previous det. *Astropecten pentacanthus* det. A. Senna, upd. R. Fareltri, 3 sp. (MZUF 92)
- Italy, (LI) Castiglioncello, <1962, leg. ?, previous det. *Astropecten pentacanthus* det. ?, upd. R. Fareltri, 1 sp. (MZUF 54)
- Italy, (LI) Castiglioncello, Le Gorette, 1907, leg. ?, previous det. *Astropecten squamatus* det. ?, upd. R. Fareltri, 3 sp. (MZUF 65)
- Italy, (LI) Livorno, 17.IV.1986, leg. I.S.T.I.P., det. M. Borri, 9 sp. (MZUF 1153)
- Italy, (LI) Livorno, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1154)
- Italy, (LI) Livorno, 7.V.1986, leg. I.S.T.I.P., det. M. Borri, 4 sp. (MZUF 1172)
- Italy, (LI) Livorno, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 950)
- Italy, (LI) Livorno, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 960)
- Italy, (LI) Livorno, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 7 sp. (MZUF 937)
- Italy, (LI) Livorno, Lat. 43°55'22"N Long. 09°53'45"E, - 47 m, 17.IV.1986, leg. I.S.T.I.P., det. M. Borri, 11 sp. (MZUF 1160)
- Italy, (LI) Livorno, Lat. 43°54'40"N Long. 10°06'23"E, - 15 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 26 sp. (MZUF 936)
- Italy, (LI) Livorno, Lat. 43°50'87"N Long. 09°51'13"E, - 98 m, 17.IV.1986, leg. I.S.T.I.P., det. M. Borri, 15 sp. (MZUF 1115)

- Italy, (LI) Livorno, Lat. 43°46'49"N Long. 09°55'50"E, - 102 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 47 sp. (MZUF 948)
- Italy, (LI) Livorno, Lat. 43°45'84"N Long. 10°04'09"E, - 33 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 965)
- Italy, (LI) Livorno, Lat. 43°45'21"N Long. 09°48'22"E, - 261 m, 9.IV.1987, leg. I.S.T.I.P., det. M. Borri, 11 sp. (MZUF 1183)
- Italy, (LI) Livorno, Lat. 43°40'61"N Long. 09°55'15"E, - 147 m, 9.IV.1987, leg. I.S.T.I.P., det. M. Borri, 6 sp. (MZUF 1175)
- Italy, (LI) Livorno, Lat. 43°37'28"N Long. 10°02'57"E, - 76 m, 16.IV.1987, leg. I.S.T.I.P., det. M. Borri, 16 sp. (MZUF 1162)
- Italy, (LI) Livorno, Lat. 43°36'44"N Long. 09°50'79"E, - 328 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 32 sp. (MZUF 953)
- Italy, (LI) Livorno, Lat. 43°32'56"N Long. 09°37'33"E, - 578 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 970)
- Italy, (LI) Livorno, Lat. 43°29'54"N Long. 09°59'43"E, - 146 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 7 sp. (MZUF 968)
- Italy, (LI) Livorno, Lat. 43°28'83"N Long. 10°16'50"E, - 46 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 42 sp. (MZUF 1094)
- Italy, (LI) Livorno, Lat. 43°27'59"N Long. 10°00'03"E, - 139 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 7 sp. (MZUF 1173)
- Italy, (LI) Livorno, Lat. 43°26'85"N Long. 09°55'05"E, - 141 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1174)
- Italy, (LI) Livorno, Lat. 43°26'47"N Long. 10°03'41"E, - 101 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 1165)
- Italy, (LI) Livorno, Lat. 43°26'07"N Long. 10°14'41"E, - 77 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 942)
- Italy, (LI) Livorno, Lat. 43°26'07"N Long. 10°14'41"E, - 77 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 14 sp. (MZUF 967)
- Italy, (LI) Livorno, Lat. 43°24'66"N Long. 10°03'22"E, - 136 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1171)
- Italy, (LI) Livorno, Lat. 43°24'30"N Long. 09°51'29"E, - 204 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 7 sp. (MZUF 1097)
- Italy, (LI) Livorno, Lat. 43°23'98"N Long. 10°22'28"E, - 32 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 1157)
- Italy, (LI) Livorno, Lat. 43°21'43"N Long. 09°58'36"E, - 154 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 1176)
- Italy, (LI) Livorno, Lat. 43°21'37"N Long. 10°22'57"E, - 40 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 9 sp. (MZUF 1158)
- Italy, (LI) Livorno, Lat. 43°20'75"N Long. 09°50'46"E, - 247 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 964)
- Italy, (LI) Livorno, Lat. 43°19'24"N Long. 09°34'97"E, - 462 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 941)
- Italy, (LI) Livorno, Lat. 43°18'14"N Long. 09°54'06"E, - 252 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 11 sp. (MZUF 1182)
- Italy, (LI) Livorno, Lat. 43°17'53"N Long. 10°09'48"E, - 127 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 8 sp. (MZUF 1096)
- Italy, (LI) Livorno, Lat. 43°17'30"N Long. 09°55'82"E, - 217 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 961)
- Italy, (LI) Livorno, Lat. 43°15'24"N Long. 10°20'03"E, - 29 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 30 sp. (MZUF 1155)
- Italy, (LI) Livorno, Lat. 43°13'88"N Long. 10°23'49"E, - 49 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 30 sp. (MZUF 954)
- Italy, (LI) Livorno, Lat. 43°12'89"N Long. 10°15'79"E, - 118 m, 29.IV.1987, leg. I.S.T.I.P., det. M. Borri, 7 sp. (MZUF 1167)
- Italy, (LI) Livorno, Lat. 43°11'00"N Long. 09°43'83"E, - 421 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 16 sp. (MZUF 1189)
- Italy, (LI) Livorno, Lat. 43°10'23"N Long. 09°58'65"E, - 205 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 40 sp. (MZUF 1180)
- Italy, (LI) Livorno, Lat. 43°09'76"N Long. 09°45'10"E, - 439 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 16 sp. (MZUF 1191)
- Italy, (LI) Livorno, Lat. 43°09'71"N Long. 09°55'12"E, - 207 m, 8.V.1986, leg. I.S.T.I.P., det. M. Borri, 25 sp. (MZUF 1113)
- Italy, (LI) Livorno, Lat. 43°09'30"N Long. 10°29'34"E, - 31 m, 30.IV.1986, leg. I.S.T.I.P., det. M. Borri, 21 sp. (MZUF 1156)
- Italy, (LI) Livorno, Lat. 43°09'05"N Long. 09°47'54"E, - 332 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 15 sp. (MZUF 1185)
- Italy, (LI) Livorno, Lat. 43°07'59"N Long. 09°36'78"E, - 416 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 939)
- Italy, (LI) Livorno, Lat. 43°06'99"N Long. 10°20'97"E, - 156 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 946)
- Italy, (LI) Livorno, Lat. 43°06'99"N Long. 10°20'97"E, - 156 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 966)
- Italy, (LI) Livorno, Lat. 43°04'46"N Long. 10°28'41"E, - 48 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 9 sp. (MZUF 1161)
- Italy, (LI) Livorno, Lat. 43°04'27"N Long. 10°18'81"E, - 113 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 6 sp. (MZUF 959)
- Italy, (LI) Livorno, Lat. 43°02'25"N Long. 10°17'04"E, - 118 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 940)
- Italy, (LI) Livorno, Lat. 43°02'06"N Long. 10°07'64"E, - 144 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 938)

- Italy, (LI) Livorno, Lat. 43°02'06"N Long. 10°07'64"E, - 144 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 5 sp. (MZUF 945)
- Italy, (LI) Livorno, Lat. 43°01'76"N Long. 10°05'17"E, - 156 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 947)
- Italy, (LI) Livorno, Lat. 43°00'74"N Long. 09°50'56"E, - 100 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 1108)
- Italy, (LI) Livorno, Lat. 42°58'50"N Long. 10°21'50"E, - 108 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1166)
- Italy, (LI) Livorno, Lat. 42°58'37"N Long. 09°46'81"E, - 143 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 963)
- Italy, (LI) Livorno, Lat. 42°58'11"N Long. 09°50'06"E, - 155 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1177)
- Italy, (LI) Livorno, Lat. 42°57'91"N Long. 10°27'29"E, - 41 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1159)
- Italy, (LI) Livorno, Lat. 42°56'15"N Long. 10°23'22"E, - 87 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 44 sp. (MZUF 956)
- Italy, (LI) Livorno, Lat. 42°55'81"N Long. 10°22'46"E, - 87 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 12 sp. (MZUF 1163)
- Italy, (LI) Livorno, Lat. 42°55'09"N Long. 10°13'27"E, - 119 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 951)
- Italy, (LI) Livorno, Lat. 42°54'52"N Long. 09°47'35"E, - 370 m, 29.IV.1987, leg. I.S.T.I.P., det. M. Borri, 9 sp. (MZUF 1186)
- Italy, (LI) Livorno, Lat. 42°53'13"N Long. 10°08'53"E, - 119 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1099)
- Italy, (LI) Livorno, Lat. 42°53'00"N Long. 09°44'28"E, - 419 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 944)
- Italy, (LI) Livorno, Lat. 42°50'64"N Long. 10°02'08"E, - 88 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 11 sp. (MZUF 1164)
- Italy, (GR) Porto Ercole, IV.1972, leg. V. Wiechmann, det. ?, 1 sp. (MZUF 213)
- Italy, (SS) near Asinara Is., on a coral bank, -555-223 m, 8.VIII.1881, leg. R.N. «Washington», previous det. *Astropecten pentacanthus* det. C. Bartolini Baldelli, upd. ?, 1 sp. (MZUF 208)
- Italy, (SS) near Bonifacio strait, Lat. 41°02'58"7"N Long. 8°32'20"9"E, on a coral bank, -420-370 m, 3.VIII.1881, leg. R.N. «Washington», previous det. *Astropecten pentacanthus* det. C. Bartolini Baldelli, upd. ?, 1 sp. (MZUF 463)
- Italy, (CA) Cagliari, 26.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1705)
- Italy, (CA) Cagliari, 27.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1704)
- Italy, (CA) Capo di Pula, 10.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1915)
- Italy, (CA) Capo Spartivento, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1906)
- Italy, (CA) Capo Spartivento, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1917)
- Italy, (CA) Gulf of Cagliari, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1907)
- Italy, (CA) Gulf of Cagliari, 8.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1908)
- Italy, (CA) Gulf of Cagliari, 8.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1909)
- Italy, (CA) Gulf of Cagliari, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1914)
- Italy, (CA) Porto Corallo, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1692)
- Italy, (CA) southern Sardinia, 18.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1918)
- Italy, (CA) southern Sardinia, 18.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1910)
- Italy, (CA) southern Sardinia, 18.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1921)
- Italy, (CA) southern Sardinia, 19.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1919)
- Italy, (CA) southern Sardinia, 19.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 11 sp. (MZUF 1905)
- Italy, (CA) southern Sardinia, 19.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1911)
- Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 4 sp. (MZUF 1916)
- Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1923)
- Italy, (CA) southern Sardinia, 4.V.1988, leg. M. Borri, det. G. Eva, 1 sp. (MZUF 1801)
- Italy, (CA) southern Sardinia, 4.V.1988, leg. M. Borri, det. G. Eva, 2 sp. (MZUF 1922)
- Italy, (CA) southern Sardinia, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1920)
- Italy, (NU) Capo Sferracavallo, 13.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1677)
- Italy, (NA) Gulf of Naples, IX.1874, leg. G. Cavanna, previous det. *Astropecten pentacanthus* det. A. Senna, upd. R. Fareltri, 3 sp. (MZUF 57)
- Italy, (NA) Naples, XII.1864, don. P. Panceri, previous det. *Astropecten pentacanthus* det. A. Senna, upd. R. Fareltri, 2 sp. (MZUF 89)
- Italy, (NA) near Capri, muddy bottom, -360-159 m, 26.VIII.1881, leg. R.N. «Washington», previous det. *Astropecten pentacanthus* det. C. Bartolini Baldelli, upd. ?, 7 sp. (MZUF 1649)
- Italy, (TA) Taranto, IX-X.1868, leg. A. Targioni Tozzetti, previous det. *Astropecten pentacanthus* det. A. Senna, upd. R. Fareltri, 4 sp. (MZUF 69)
- Italy, (ME) Messina, VIII-X.1878, leg. E.H. Giglioli & G.B. Toscanelli, previous det. *Astropecten pentacanthus* det. A. Senna, upd. R. Fareltri, 5 sp. (MZUF 40)
- France, Banyuls-sur Mer, 1960, don. Laboratory of Arago, det. ?, 1 sp. (MZUF 135)
- Astropecten jonstoni* (Delle Chiaje 1827)
- Italy, (LU) Forte dei Marmi, VIII.1869, don. I. Cocchi,

previous det. *Astropecten squamatus* det. ?, upd. R. Fareltri, 3 sp. (MZUF 29)

Italy, (LI) Elba Is., Portoferraio, 1861, pur. Pisani, previous det. *Astropecten squamatus* det. A. Senna, upd. E. Tortonese, 4 sp. (MZUF 91)

Italy, (LI) Livorno, Meloria shoals, IX.1969, leg. B. Lanza & Lottini, det. ?, 1 sp. (MZUF 131)

Italy, (RM) Ostia, 8.IX.1969, leg. M. Lanza, det. E. Tortonese, 7 sp. (MZUF 518)

Italy, (RM) Ostia, VIII.1970, leg. M. Lanza, det. ?, 211 sp. (MZUF 169)

Italy, (CA) Cagliari, 1.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1700)

Italy, (CA) Cagliari, 11.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1683)

Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1699)

Italy, (CA) Capo Teulada, 17.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1693)

Italy, (CA) Capo Teulada, 20.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1694)

Italy, (CA) Capo Teulada, 20.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1695)

Italy, (CA) Porto Corallo, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1912)

Italy, (NA) Naples, IX.1874, leg. G. Cavanna, previous det. *Astropecten squamatus* det. A. Senna, upd. E. Tortonese, 11 sp. (MZUF 56)

Italy, (NA) Naples, IX.1892, pur. Stazione Zoologica di Napoli, previous det. *Astropecten squamatus* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 78)

Italy, (NA) Naples, XII.1864, don. P. Panceri, det. A. Senna, 1 sp. (MZUF 141)

Mediterranean Sea, <1843, leg. ?, det. ?, 4 sp. (MZUF 466)

Astropecten marginatus Gray 1840

Brazil, Rio de Janeiro, 1973, don. Natural History Museum of Genova, det. E. Tortonese, 1 sp. (MZUF 391)

Astropecten platyacanthus (Philippi 1837)

Italy, (TS) Trieste, I.1882, don. A. Stossich, det. A. Senna, 2 sp. (MZUF 25)

Italy, (TS) Trieste, I.1882, don. A. Stossich, det. A. Senna, 2 sp. (MZUF 53)

Italy, (TS) Trieste, I.1882, don. A. Stossich, det. A. Senna, 3 sp. (MZUF 111)

Italy, (TS) Trieste, VIII.1875, don. F. Tedeschi, det. A. Senna, 1 sp. (MZUF 50)

Italy, (TS) Trieste, VIII.1875, don. F. Tedeschi, det. A. Senna, 4 sp. (MZUF 51)

Italy, (LI) Livorno, 1885, leg. A. Berlese, det. ?, 9 sp. (MZUF 58)

Italy, (NA) Naples, Gaiola, 1969, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 132)

Italy, (NA) Naples, XII.1864, don. P. Panceri, det. A. Senna, 1 sp. (MZUF 70)

Astropecten polyacanthus Müller & Troschel 1842

Jordan, Gulf of Aqaba, IV.1978, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 399)

Kenya, Mida Creek, XI.1991, leg. M. Vannini, det. M. Borri, 1 sp. (MZUF 2470)

Ceylon (=Sri Lanka), III.1889, 6 fathoms, leg. K. Fristedt, det. A. Senna, 2 sp. (MZUF 469)

Astropecten spinulosus (Philippi 1837)

Italy, (TS) Trieste, I.1882, don. A. Stossich, det. A. Senna, 2 sp. (MZUF 103)

Italy, (LI) Elba Is., Portoferraio, XI.1880, don. V. Toscanelli, det. A. Senna, 2 sp. (MZUF 99)

Italy, (GR) Porto Ercole, IV.1972, leg. V. Wiechmann, det. ?, 2 sp. (MZUF 210)

Italy, (SS) Maddalena Is., Porto Camicie, 29.VII.1881, - 35 m, leg. P. Panceri, det. C. Bartolini Baldelli, 1 sp. (MZUF 75)

Italy, (CA) Gulf of Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1691)

Italy, (CA) Porto Corallo, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1913)

Italy, (NA) Naples, <1962, leg. ?, det. E. Tortonese, 1 sp. (MZUF 87)

France, Nice, 1864, pur. F. Cara, det. A. Senna, 3 sp. (MZUF 73)

France, Nice, VIII.1879, don. Barle, det. A. Senna, 5 sp. (MZUF 100)

Astropecten velitaris von Martens 1865

Formosa (=Taiwan), IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 462)

Astropecten sp.

Ceylon (=Sri Lanka), Trincomalee, 3 fathoms, IV.1889, leg. K. Fristedt, det. ?, 1 sp. (MZUF 467)

«Mar delle Indie» (sic!) («Indian sea»), <1843, leg.?, previous det. *Archaster* sp. det. A. Senna, upd. M. Jangoux, 1 sp. (MZUF 2471)

Tethyaster subinermis (Philippi 1837)

Italy, (LI) Livorno, Lat. 42°51'76"N Long. 10°04'22"E, - 96 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1406)

Italy, (LI) Livorno, Lat. 43°06'79"N Long. 09°48'62"E, - 145 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1407)

Italy, (CA) Cagliari, 11.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1715)

Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1709)

Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1708)

Italy, (CA) Cagliari, 17.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1716)

Italy, (CA) Cagliari, 19.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1714)

Italy, (CA) Cagliari, 20.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1711)

Italy, (CA) Cagliari, 20.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1713)

Italy, (CA) Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1710)

Italy, (CA) Cagliari, 26.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1707)
 Italy, (CA) Cagliari, 3.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1717)
 Italy, (CA) Cagliari, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1706)
 Italy, (CA) Cagliari, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1712)
 Italy, (CA) Cagliari, V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1719)
 Italy, (CA) Capo Spartivento, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1723)
 Italy, (CA) Gulf of Cagliari, 8.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1685)
 Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1927)
 Italy, (CA) southern Sardinia, 20.V.1992, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1982)
 Italy, (CA) southern Sardinia, IV.1988, leg. M. Borri, det. G. Eva, 1 sp. (MZUF 1797)

Family CTENODISCIDAE Sladen 1889

Ctenodiscus crispatus (Retzius 1805)

USA, Massachusetts Bay, don. U.S. National Museum, Smithsonian Institution, previous det. *Ctenodiscus corniculatus* det. A. Senna, upd. R. Fareltri, 15 sp. (MZUF 447)

Family LUIDIIDAE Sladen 1889

Luidia ciliaris (Philippi 1837)

Italy, (LI) Livorno, Lat. 43°38'92"N Long. 09°55'80"E, - 139 m, 7.V.1986, leg. I.S.T.I.P., det. M. Borri, 2 arms (MZUF 1304)
 Italy, (LI) Livorno, Lat. 43°26'47"N Long. 10°03'41"E, - 101 m, 6.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1303)
 Italy, (LI) Livorno, Lat. 43°18'14"N Long. 09°54'06"E, - 252 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 arm (MZUF 1305)
 Italy, (LI) Livorno, Lat. 42°55'81"N Long. 10°22'46"E, - 87 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1302)
 Italy, (LI) Livorno, Lat. 42°55'09"N Long. 10°13'27"E, - 119 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 957)
 Italy, (LI) Livorno, Lat. 42°52'91"N Long. 10°27'29"E, - 41 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1301)
 Italy, (CA) southern Sardinia, IV.1988, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1686)
 Italy, (CA) E/SE off Cagliari, IV.1988, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1698)
 Italy, (ME) Messina, IX-X.1868, leg. A. Targioni Tozzetti, det. A. Targioni Tozzetti and A. Senna, 1 sp. (MZUF 116)

Luidia sarsii Dübén & Koren 1845

Italy, (LI) Livorno, Lat. 43°38'92"N Long. 09°55'80"E, - 139 m, 7.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1308)

Italy, (LI) Livorno, Lat. 43°29'54"N Long. 09°59'43"E, - 146 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 arm (MZUF 2457)
 Italy, (LI) Livorno, Lat. 43°06'99"N Long. 10°20'97"E, - 156 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 962)
 Italy, (LI) Livorno, Lat. 42°58'50"N Long. 10°21'50"E, - 108 m, 30.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1306)
 Italy, (LI) Livorno, Lat. 42°56'15"N Long. 10°23'22"E, - 87 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 955)
 Italy, (LI) Livorno, Lat. 42°53'13"N Long. 10°08'53"E, - 119 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1307)
 Italy, (CA) southern Sardinia, 19.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1928)
 Italy, (NA) Naples, 1962, leg. E. Tortonese, det. E. Tortonese, 1 sp. (MZUF 71)
 Italy, (NA) Naples, IX.1892, pur. Stazione Zoologica di Napoli, det. ?, 1 sp. (MZUF 77)
 Adriatic Sea, 1962, leg. ?, det. E. Tortonese, 1 sp. (MZUF 112)

Order VALVATIDA Perrier 1884

Family ACANTHASTERIDAE Sladen 1889

Acanthaster planci (Linnaeus 1758)

Saudi Arabia, Jeddah, Obhor Creek, IV.1977, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 300)
 Saudi Arabia, Jeddah, Obhor Creek, IV.1977, leg. G.R.S.T.S., det. ?, 4 sp. (MZUF 1666)
 Mauritius Is., VII.1880, pur. Umlauss, previous det. *Acanthaster echinites* Ellis & Solander, det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2567)
 Maldives, South Malé, Velassaru, Lat. 4°8'N Long. 73°26'E, II.1976, leg. M.L. Azzaroli, det. M.L. Azzaroli, 1 sp. (MZUF 273)
 Samoa Is., IV.1889, pur. A.C. Pohl, det. E. Tortonese, 2 sp. (MZUF 507)
 Fiji Is., IV.1889, pur. C.A. Pohl, previous det. *Acanthaster echinites* Ellis & Solander, det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2428)

Family ARCHASTERIDAE Viguié 1878

Archaster typicus Müller & Troschel 1840

Indonesia, Borneo, 1962, leg. ?, det. E. Tortonese, 1 sp. (MZUF 504)
 Samoa Is., IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 669)
 Indian Ocean, 1873, pur. ?, det. A. Senna, 1 sp. (MZUF 2563)

Family ASTERINIDAE Gray 1840

Anseropoda placenta (Pennant 1777)

Italy, (TS) Trieste, I.1882, don. A. Stossich, previous det. *Palmipes membranaceus* Linck, det. A. Senna, upd. R. Fareltri, 2 sp. (MZUF 45)

- Italy, (LI) Livorno, Lat. 43°26'85"N Long. 09°55'25"E, - 141 m, 24.IV.1987, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1122)
- Italy, (LI) Livorno, Lat. 43°15'20"N Long. 09°30'85"E, - 165 m, 16.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1124)
- Italy, (LI) Livorno, Lat. 43°14'63"N Long. 09°31'36"E, - 191 m, 6.IX.1986, leg. I.S.T.I.P., det. M. Borri, 6 sp. (MZUF 1091)
- Italy, (LI) Livorno, Lat. 43°10'23"N Long. 09°58'65"E, - 205 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1125)
- Italy, (LI) Livorno, Lat. 43°06'79"N Long. 09°48'62"E, - 145 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 4 sp. (MZUF 1090)
- Italy, (LI) Livorno, Lat. 43°00'74"N Long. 09°50'56"E, - 100 m, 23.IV.1987, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 1106)
- Italy, (LI) Livorno, Lat. 42°55'09"N Long. 10°13'27"E, - 119 m, 8.IX.1986, leg. I.S.T.I.P., det. M. Borri, 2 sp. (MZUF 969)
- Italy, (LI) Livorno, Lat. 42°53'13"N Long. 10°08'53"E, - 119 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 6 sp. (MZUF 1120)
- Italy, (LI) Livorno, Lat. 42°50'64"N Long. 10°02'08"E, - 88 m, 9.V.1986, leg. I.S.T.I.P., det. M. Borri, 3 sp. (MZUF 1119)
- Italy, (SS) Asinara Is., Lat. 41°10'27"4"N, Long. 8°15'41"7"E, -168-274 m, leg. R.N. «Washington», 4.VIII.1881, previous det. *Palmipes membranaceus* Linck, det. C. Bartolini Baldelli, upd. R. Fareltri, 3 sp. (MZUF 502)
- Italy, (SS) Maddalena Is., Porto Camicie, 29.VII.1881, - 35 m, leg. P. Panceri, previous det. *Palmipes membranacea*, det. C. Bartolini Baldelli, upd. E. Tortonese, 1 sp. (MZUF 41)
- Italy, (CA) Cagliari, 26.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1701)
- Italy, (CA) E/SE of Cagliari, IV.1988, leg. M. Borri, det. G. Eva, 1 sp. (MZUF 1729)
- Italy, (CA) Quirra, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1689)
- Italy, (CA) southern Sardinia, 27.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1977)
- Italy, (CA) southern Sardinia, 28.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1978)
- Italy, (NA) Gulf of Naples, IX.1874, leg. G. Cavanna, previous det. *Palmipes membranaceus* Linck, det. A. Senna, upd. ?, 3 sp. (MZUF 48)
- Italy, (NA) Naples, 1868, don. P. Panceri, previous det. *Palmipes membranaceus* Linck, det. A. Targioni Tozzetti and A. Senna, upd. G. Innocenti, 2 sp. (MZUF 2432)
- Italy, (NA) Naples, XII.1864, don. P. Panceri, previous det. *Palmipes membranaceus* Linck, det. A. Senna, upd. E. Tortonese, 2 sp. (MZUF 42)
- Tyrrhenian Sea, 1892, material obtained from the collection of the R. Istituto Superiore Femminile of Florence (Didactic Collection), previous det. *Palmipes membranaceus* Linck, det. ?, upd. ?, 1 sp. (MZUF 115)
- France, Banyuls-sur-Mer, 1960, leg. S. Carfi & B. Lanza, det. ?, 1 sp. (MZUF 117)
- Ireland, 1862, pur. Wright, previous det. *Palmipes membranaceus* Linck, det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 503)
- Aquilonastra burtoni* (Gray 1840)
Somalia, Sar Unale, XII.1976, leg. S.B.S., previous det. *Asterina burtoni* Gray, det. E. Tortonese, upd. G. Innocenti, 21 sp. (MZUF 336)
- Somalia, Gesira, XII.1976, leg. S.B.S., previous det. *Asterina burtoni* Gray, det. E. Tortonese, upd. G. Innocenti, 19 sp. (MZUF 519)
- Kenya, Mida creek, Uyombo, X.1990, leg. M. Borri, previous det. *Asterina burtoni* Gray, det. M. Borri, upd. G. Innocenti, 1 sp. (MZUF 1515)
- Kenya, Mombasa, IX.2000, leg. M. Borri & C. Volpi, previous det. *Asterina burtoni* Gray, det. M. Borri, upd. G. Innocenti, 1 sp. (MZUF 2430)
- Kenya, Mombasa, IX.2000, leg. M. Borri & C. Volpi, previous det. *Asterina burtoni* Gray, det. M. Borri, upd. G. Innocenti, 2 sp. (MZUF 2449)
- Kenya, Mtuapa, XI-XII.1993, leg. M. Borri & C. Volpi, previous det. *Asterina burtoni* Gray, det. M. Borri, upd. G. Innocenti, 1 sp. (MZUF 1516)
- Kenya, Shimoni, XI-XII.1993, leg. M. Borri & C. Volpi, previous det. *Asterina burtoni* Gray, det. M. Borri, upd. G. Innocenti, 4 sp. (MZUF 1514)
- Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, previous det. *Asterina burtoni* Gray, det. M. Borri, upd. G. Innocenti, 4 sp. (MZUF 2450)
- Aquilonastra cepheus* (Müller & Troschel 1842)
Red Sea, 1962, leg. ?, previous det. *Asterina cepheus* Müller & Troschel, det. E. Tortonese, upd. G. Innocenti, 1 sp. (MZUF 488)
- India, Paumben, IV.1889, leg. K. Fristedt, previous det. *Asterina cepheus* Müller & Troschel, det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 492)
- Ceylon (=Sri Lanka), Trincomalee, III.1889, leg. K. Fristedt, previous det. *Asterina cepheus* Müller & Troschel, det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 490)
- Samoa Is., IV.1889, pur. A.C. Pohl, previous det. *Asterina cepheus* Müller & Troschel, det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 489)
- Asterina fimbriata* Perrier 1875
Argentina, Tierra del Fuego, Capo Domingo, 21.I.1974, leg. M.L. Azzaroli, previous det. *Patiriella fimbriata* (Perrier), det. E. Tortonese, upd. G. Innocenti, 3 sp. (MZUF 501)
- Asterina gibbosa* (Pennant 1777)
Italy, (TS) Trieste, I.1882, leg. A. Stossich, det. A. Senna, 12 sp. (MZUF 66)
- Italy, (VE) Venezia, II.1872, don. A. Ninni, det. A. Senna, 5 sp. (MZUF 62)
- Italy, (GE) Gulf of Genova, X.1869, leg. C. Biagi, det. A. Senna, 3 sp. (MZUF 33)
- Italy, (SP) La Spezia, 1863, leg. A. Targioni Tozzetti, det. A. Senna, 51 sp. (MZUF 49)

Italy, (LI) Castiglioncello, 10.IX.1913, leg. ?, det. ?, 1 sp. (MZUF 44)
 Italy, (LI) Livorno, 1861, pur. C. Caterini, det. A. Senna, 8 sp. (MZUF 46)
 Italy, (LI) Livorno, near Rotonda Mascagni, 15.V.1973, leg. E. Granchi, A. Bucciarelli & M.L. Azzaroli, det. ?, 8 sp. (MZUF 517)
 Italy, (LI) Pianosa Is., Cala di San Giovanni, 20.IV.1971, leg. A. Ceccanti & Vannucci, det. ?, 1 sp. (MZUF 151)
 Italy, (LI) Pianosa Is., Villa Agrippa, -1 m, 6.VIII.1970, leg. A. Ceccanti & L. Chelazzi, det. ?, 2 sp. (MZUF 163)
 Italy, (GR) Punta Ala, Lo Sparviero, 8.VIII.1978, leg. M. Borri, det. M. Borri, 1 sp. (MZUF 515)
 Italy, (NA) Gaiola, X.1969, leg. M.L. Azzaroli, det. ?, 1 sp. (MZUF 133)
 Italy, (NA) Gulf of Naples, 1871, leg. A. Targioni Tozzetti, det. A. Senna, 5 sp. (MZUF 86)
 Italy, (NA) Gulf of Naples, XII.1864, leg. P. Panceri, det. A. Senna, 7 sp. (MZUF 31)
 Italy, (NA) Naples, IX.1874, leg. G. Cavanna, det. A. Senna, 7 sp. (MZUF 59)
 Italy, (NA) Naples, IX.1892, pur. Stazione Zoologica di Napoli, det. A. Senna, 6 sp. (MZUF 102)
 Italy, (NA) Naples, VI.1897, pur. Stazione Zoologica di Napoli, det. ?, 4 sp. (MZUF 1665)
 Italy, (TA) Taranto, IX-X.1868, leg. A. Targioni Tozzetti, det. A. Senna, 5 sp. (MZUF 85)
 Italy, (ME) Messina, VIII-X.1878, leg. E.H. Giglioli & G.B. Toscanelli, det. A. Senna, 13 sp. (MZUF 60)
 Italy, Sicily (sic!), 1871, leg. F. Gasco, det. A. Senna, 12 sp. (MZUF 94)
 Baltic Sea, <1843, leg. ?, det. A. Senna, 1 sp. (MZUF 491)
 France, Banyuls-sur-Mer, 1960, leg. B. Lanza & S. Carfi, det. ?, 6 sp. (MZUF 130)
 France, Corsica, Fautea, VII.1974, leg. M. Lanza, det. ?, 8 sp. (MZUF 516)
 Mediterranean Sea, <1843, leg. ?, det. A. Senna, 2 sp. (MZUF 104)

Asterina pancerii (Gasco 1870)

Italy, (NA) Gaiola, 27.X.1969, leg. M.L. Azzaroli, det. ?, 8 sp. (MZUF 152)
 Italy, (NA) Naples, 1871, leg. A. Targioni Tozzetti, det. A. Senna, 4 sp. (MZUF 96)
 Italy, (NA) Naples, IX.1892, pur. Stazione Zoologica di Napoli, det. ?, 3 sp. (MZUF 43)

Asterina stellifera (Möbius 1859)

Brasil, 1871, pur. G. Bellenghi, previous det. *Asteriscus minutus* Müller & Troschel, det. A. Targioni Tozzetti, upd. G. Innocenti, 1 sp. (MZUF 496)
 Argentina, La Plata, 27.X.1961, exchange with Museo Civico di Storia naturale di Genova, previous det. *Patiria stellifera* (Möbius), det. E. Tortonese, upd. M. Borri & R. Fareltri, 1 sp. (MZUF 500)

Parvulastra exigua (Lamarck 1816)

Pacific Ocean, IV.1889, pur. C.A. Pohl, previous det. *Asterina exigua* Lamarck, det. A. Senna, upd. G. Innocenti, 2 sp. (MZUF 494)

Patiria chilensis Verrill 1870

Chile, Concepción, Lirquen, 4.IV.1986, leg. T. Cekalovic, det. T. Cekalovic, 5 sp. (MZUF 2431)

Patiria miniata Verrill 1913

USA, California, Los Angeles, Palos Verdes, 1973, exchanged with the Natural History Museum of Genova, det. E. Tortonese, 1 sp. (MZUF 392)

Patiria pectinifera (Müller & Troschel 1842)

Russia, Olga Bay, 1879, don. H.R. Prince Tommaso, previous det. *Asterina pectinifera* Mueller & Troschel, det. A. Senna, upd. G. Innocenti, 5 sp. (MZUF 499)

Patiriella gunni (Gray 1840)

Australia, Sidney, IV.1889, pur. A.C. Pohl, previous det. *Asterina gunnii* Gray, det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 493)

Patiriella regularis (Verrill 1867)

Australia, 1879, don. H.R. Prince Tommaso, previous det. *Asterina regularis* Verrill, det. ?, upd. G. Innocenti, 1 sp. (MZUF 495)
 Australia, 1879, don. H.R. Prince Tommaso, previous det. *Asterina regularis* Verrill, det. ?, upd. G. Innocenti, 5 sp. (MZUF 497)
 Australia, 1879, don. H.R. Prince Tommaso, previous det. *Asterina regularis* Verrill, det. A. Senna, upd. G. Innocenti, 3 sp. (MZUF 498)

Family ASTEROPSEIDAE Hotchkiss & Clark 1976

Asteropsis carinifera (Lamarck 1816)

Red Sea, 1854, don. C. Allegri, det. A. Targioni Tozzetti and A. Senna, 2 sp. (MZUF 450)
 Red Sea, 1851, leg. Clot Bey, det. A. Targioni Tozzetti, 1 sp. (MZUF 2564)
 Saudi Arabia, Jeddah, Sharm Obhor, IV.1977, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 449)
 Ceylon (=Sri Lanka), IV.1889, leg. K. Fristedt, previous det. *Gymnasteria carinifera* Lamarck, det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 451)
 Samoa Is., IV.1889, pur. A.C. Pohl, det. A. Senna, 2 sp. (MZUF 448)

Family CHAETASTERIDAE Sladen 1889

Chaetaster longipes (Retzius 1805)

Italy, (LI) Livorno, Lat. 43°06'48"N Long. 09°57'00"E, -134 m, 8.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1195)
 Italy, (CA) Cagliari, 25.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1724)
 Italy, (CA) Capo Spartivento, 9.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1725)
 Italy, (CA) Cagliari, 20.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1726)
 Italy, (NA) Gulf of Naples, IX.1892, pur. Stazione Zoologica di Napoli, det. A. Senna, 1 sp. (MZUF 47)

Italy, (NA) Gulf of Naples, XII.1864, leg. P. Panceri, det. A. Senna, 1 sp. (MZUF 90)
Mediterranean Sea, <1843, leg. ?, det. A. Senna, 3 sp. (MZUF 2555)

Family GONIASTERIDAE Forbes 1841

Fromia ghardaqana Mortensen 1938

Egypt, Berenice Lake, 30.IV.1980, leg. G. Adriani, det. E. Tortonese, 1 sp. (MZUF 510)

Red Sea, 1962, leg. ? det. E. Tortonese, 1 sp. (MZUF 2429)

Saudi Arabia, Jeddah, Obhor Creek, IV.1977, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 297)

Saudi Arabia, Jeddah, Obhor Creek, I.1978, leg. G.R.S.T.S., det. M. Borri, 3 sp. (MZUF 2645)

Fromia indica (Perrier 1869)

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, II.1976, leg. M.L. Azzaroli, det. M. Jangoux, 1 sp. (MZUF 277)

Fromia milleporella (Lamarck 1816)

Somalia, Gesira, XII.1976, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 331)

Mauritius Is., 1880, pur. Umlauff, det. A. Senna, 3 sp. (MZUF 306)

Maldives, II.1976, leg. M.L. Azzaroli, det. E. Tortonese, 4 sp. (MZUF 512)

Fiji Is., IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 305)

Peltaster placenta (Müller & Troschel 1842)

Italy, (LI) Livorno, Italy, (LI) Livorno, Lat. 42°53'13"N Long. 10°08'53"E, -119 m, 8.V.1986, leg. I.S.T.I.P., det. M. Borri, 1 sp. (MZUF 1114)

Italy, (GR) Castiglione della Pescaia, Le Rocchette, VIII.1977, leg. P. Notarbartolo, det. E. Tortonese, 1 sp. (MZUF 397)

Italy, (CA) Quirra, 14.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 3 sp. (MZUF 1680)

Italy, (CA) Cagliari, 28.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1741)

Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1742)

Italy, (CA) Cagliari, 12.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1743)

Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1744)

Italy, (CA) Cagliari, 13.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1745)

Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1746)

Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 2 sp. (MZUF 1747)

Italy, (CA) Cagliari, 26.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1748)

Italy, (CA) Cagliari, 28.VI.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1749)

Italy, (CA) Cagliari, 17.VII.1997, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1755)

Italy, (CA) southern Sardinia, 3.VII.2001, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1981)

Italy, (BA) Bari, <1962, leg. ?, previous det. *Sphaeriodiscus placenta*, det. ?, upd. G. Innocenti, 1 sp. (MZUF 2562)

Italy, (LE) Novaglie, S. Maria di Leuca, 1983, leg. T. Cattelani, det. G. Innocenti, 1 sp. (MZUF 2476)

Tunisia, coast, VI.1966, leg. Abdelaziz, Salambò Oceanographic Institute, det. G. Innocenti, 1 sp. (MZUF 2482)

Greece, Kérkyra, Paxos, -35 m, VIII.1973, leg. G. Adriani, previous det. *Sphaeriodiscus placenta*, det. ?, upd. R. Fareltri, 1 sp. (MZUF 670)

Adriatic Sea, <1843, leg. ?, previous det. *Sphaeriodiscus placenta*, det. E. Tortonese, *Pentagonaster placenta*, det. A. Senna, *Goniodiscus placentaeformis*, det. A. Targioni Tozzetti, upd. R. Fareltri, 1 sp. (MZUF 93)

Stellaster equestris (Retzius 1805)

Japan, 1864, pur. Perfetti, det. A. Senna, 3 sp. (MZUF 452)

Fiji Is., IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 453)

Family MITHRODIIDAE Viguier 1878

Mithrodia bradley Verrill 1870

Ecuador, Galapagos, Duncan Is., -15 m, 6.I.1972, leg. G.R.S.T.S., det. M.L. Azzaroli, 1 sp. (MZUF 230)

Mithrodia clavigera (Lamarck 1816)

Jordan, Gulf of Aqaba, 4.V.1975, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 520)

Mauritius Is., 1893, exchange with Berlin Museum, det. A. Senna, 1 sp. (MZUF 506)

Mauritius Is., VII.1880, pur. Umlauss, det. A. Senna, 1 sp. (MZUF 2569)

Fiji Is., IV.1889, pur. C.A. Pohl, det. A. Senna, 1 sp. (MZUF 505)

Family ODONTASTERIDAE Verrill 1899

Odontaster penicillatus (Philippi 1870)

Chile, Concepción, Desembocadura Rio Bio-Bio, 20.I.1985, leg. N. Cekalovic, det. T. Cekalovic, 2 sp. (MZUF 1670)

Odontaster validus Koehler 1906

South Orkney Islands, 20.I.1974, leg. E. Fresi & A. Cinnelli, det. E. Tortonese, 1 sp. (MZUF 454)

Family OPHIDIASTERIDAE Verrill 1870

Dactylosaster cylindricus (Lamarck 1816)

Fiji Is., IV.1889, pur. C.A. Pohl, previous det. *Ophidaster cylindricus* Lamarck det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 403)

Gomophia egyptiaca Gray 1840

Saudi Arabia, Jeddah, Obhor Creek, IV.1977, leg. G.R.S.T.S., det. E. Tortonese, 3 sp. (MZUF 295)

Saudi Arabia, Jeddah, Obhor Creek, I.1978, leg. G.R.S.T.S., det. E. Tortonese, 2 sp. (MZUF 528)

Fiji Is., IV.1889, pur. C.A. Pohl, previous det. *Nardoa aegytiaca* Gray det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2433)

Hacelia attenuata Gray 1840

Italy, (LI) Baratti, Populonia, -30 m, 29.VI.1968, leg. M.L. Azzaroli, det.?, 1 sp. (MZUF 139)

Italy, (LI) Pianosa Is., Scoglio della Scola, -9 m, 3.V.1970, leg. A. Ceccanti, det. ?, 1 sp. (MZUF 125)

Italy, (LI) Pianosa Is., 1.IX.1970, leg. F. Sartoni, det. ?, 1 sp. (MZUF 126)

Italy, (LI) Elba Is., spring 1971, leg. M.L. Azzaroli & P. Solaini, det. ?, 1 sp. (MZUF 418)

Italy, (GR) Castiglione della Pescaia, Le Rocchette, VIII.1977, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 388)

Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1738)

Italy, (CA) Capo Spartivento, 27.VI.1996, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1739)

Italy, (CA) Cagliari, 14.VI.2000, leg. M. Borri & C. Volpi, det. G. Eva, 1 sp. (MZUF 1740)

Italy, (NA) Naples, IX.1892, pur. Stazione Zoologica di Napoli, det. E. Tortonese, 2 sp. (MZUF 137)

France, SE Corsica, Cerbicale Archipelago, -60 -70 m, VII-VIII.1971, leg. B. & M. Lanza, det. ?, 2 sp. (MZUF 148)

Patria?, date?, leg.?, det. E. Tortonese, 1 sp. (MZUF 110)

Leiaster glaber Peters 1852

Kenya, Mida Creek, Uyombo, X.1990, leg. M. Borri, det. M. Borri, 1 sp. (MZUF 1508)

Leiaster leachi (Gray 1840)

Saudi Arabia, Jeddah, Obhor Creek, IV.1977, leg. G.R.S.T.S., det. ?, 1 sp. (MZUF 671)

Kenya, Mombasa, Marine Park, 5.XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 2 sp. (MZUF 1509)

Kenya, Mombasa, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2446)

Linckia guildingi Gray 1840

Somalia, Sar Uanle, 1976, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 522)

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, -8-35 m, II.1976, leg. M.L. Azzaroli, det. E. Tortonese, 2 sp. (MZUF 270)

Samoa Is., IV.1889, pur. C.A. Pohl, previous det. *Linckia pacifica* Gray det. A. Senna, upd. G. Innocenti, 2 sp. (MZUF 412)

Linckia laevigata (Linnaeus 1758)

Somalia, Ras Filuck, 26.X.1973, leg. M.L. Azzaroli, det. M. Borri, 1 sp. (MZUF 118)

Kenya, Mida Creek, Uyombo, X.1990, leg. M. Borri, det. M. Borri, 1 sp. (MZUF 1510)

Tanzania, Zanzibar, 1885, don. U.S. National Museum, Smithsonian Institution, previous det. *Linckia miliaris* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 407)

Indian Ocean, <1843, leg. ?, previous det. *Linckia miliaris* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 409)

Indian Ocean, <1843, leg. ?, previous det. *Linckia miliaris* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 2561)

Samoa Is., IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 413)

Linckia multifora (Lamarck 1816)

Red Sea, 1861, pur. Savignò, previous det. *Linckia ? ehrenbergi* det. A. Senna, upd. E. Tortonese, 4 sp. (MZUF 389)

Red Sea, Egypt, IX.1867, leg. F. Parlato, previous det. *Ophidiaster ehrenbergii* det. A. Targioni Tozzetti, upd. E. Tortonese, 1 sp. (MZUF 408)

Egypt, Berenice Lagoon, 30.IV.1980, leg. G. Adriani, det. ?, 3 sp. (MZUF 513)

Egypt, Mikauwa Is., 30.IV.1980, leg. G. Adriani, det. ?, 1 sp. (MZUF 514)

Jordan, Gulf of Aqaba, date?, leg. ?, det. E. Tortonese, 2 sp. (MZUF 511)

Ethiopia, near Massaua, 1870, leg. Doria & Issel, don. Doria, det. A. Senna, 3 sp. (MZUF 414)

Saudi Arabia, Farasan, Kumh, 8.IV.1984, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 1669)

Saudi Arabia, Jeddah, 1978, leg. G.R.S.T.S., det. ?, 13 sp. (MZUF 406)

Saudi Arabia, Jeddah, Obhor Creek, IV.1977, leg. G.R.S.T.S., det. E. Tortonese, 10 sp. (MZUF 293)

Somalia, Bender Mtoni, VIII.1975, leg. S.B.S., det. E. Tortonese, 2 sp. (MZUF 529)

Somalia, Sar Uanle, 1976, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 521)

Somalia, Sar Uanle, XII.1976, leg. S.B.S., det. E. Tortonese, 5 sp. (MZUF 333)

Kenya, Mombasa, lagoon, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 4 sp. (MZUF 2447)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2448)

Kenya, Mtwapa, 22.XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 3 sp. (MZUF 1513)

Kenya, Shimoni, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 2 sp. (MZUF 1512)

Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 9 sp. (MZUF 1511)

Kenya, Watamu Beach, XI.1968, leg. B. Lanza, det. E. Tortonese, 1 sp. (MZUF 401)

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, -8-35 m, II.1976, leg. M.L. Azzaroli, det. E. Tortonese, 15 sp. (MZUF 272)

Linckia sp.

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, -8-35 m, II.1976, leg. M.L. Azzaroli, det. ?, 2 sp. (MZUF 271)

Chile, Chonos Archipelago, Phoenix Is., IV.1889, pur. A.C. Pohl, det. A. Senna, 1 sp. (MZUF 410)

Nardoa variolata (Retzius 1805)

Somalia, Gesira, XII.1976, leg. S.B.S., det. E. Tortonese, 3 sp. (MZUF 329)

Somalia, Sar Uanle, XII.1976, leg. S.B.S., det. E. Tortonese, 4 sp. (MZUF 330)

Kenya, Mida creek, Uyombo, X.1990, leg. M. Borri, det. M. Borri, 3 sp. (MZUF 1506)

Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 4 sp. (MZUF 1507)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2445)

Ophidiaster cribrarius Lütken 1871

Tanzania, Zanzibar, 1885, don. U.S. National Museum, det. A. Senna, 1 sp. (MZUF 415)

Mauritius Is., 1875, don. M. Paulucci, det. A. Senna, 2 sp. (MZUF 416)

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, -1-35 m, II.1976, leg. M.L. Azzaroli, det. E. Tortonese, 10 sp. (MZUF 274)

Tonga Is., IV.1889, pur. C.A. Pohl, det. A. Senna, 1 sp. (MZUF 405)

Ophidiaster granifer Lütken 1871

Tonga Is., IV.1889, pur. C.A. Pohl, det. A. Senna, 1 sp. (MZUF 404)

Ophidiaster ophidianus (Lamarck 1816)

Italy, (LI) Pianosa Is., Cala San Giovanni, -4 m, 21.IV.1971, leg. A. Ceccanti, det. M. Borri, 1 sp. (MZUF 124)

Italy, (CZ) Le Grotticelle, Capo Vaticano, 15.VII.1969, leg. M.L. Azzaroli, det. ?, 5 sp. (MZUF 123)

Mediterranean Sea, <1843, leg. ?, det. A. Senna, 1 sp. (MZUF 30)

Mediterranean Sea, <1843, leg. ?, det. A. Senna, 1 sp. (MZUF 35)

Mediterranean Sea, 1860, pur. Deyrolle, det. A. Senna, 1 sp. (MZUF 142)

Mediterranean Sea, 1892, pur. Stazione Zoologica di Napoli, det. ?, 1 sp. (MZUF 38)

Ophidiaster sp.

Western Indies, 1867, pur. L.W. Schauffuss, det. A. Senna, 1 sp. (MZUF 402)

Pharia pyramidata (Gray 1840)

Ecuador, Galapagos, Isabela Is., Prieta bay, 1.I.1972, leg. G.R.S.T.S., det. M.L. Azzaroli, 1 sp. (MZUF 247)

Ecuador, Galapagos, Fernandina Is., Punta Espinosa, -6 m, 2.I.1972, leg. G.R.S.T.S., det. M.L. Azzaroli, 1 sp. (MZUF 257)

Phataria unifascialis (Gray 1840)

Ecuador, Galapagos, Fernandina Is., Punta Espinosa, -6 m, 2.I.1972, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 256)

Family OREASTERIDAE Fisher 1911

Choriaster granulatus Lütken 1869

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, reef, -15-35 m, II.1976, leg. M.L. Azzaroli, det. E. Tortonese, 3 sp. (MZUF 285)

Fiji Is., IV.1889, pur. C.A. Pohl, det. A. Senna, 1 sp. (MZUF 438)

Calcita coriacea Müller & Troschel 1842

Saudi Arabia, Jeddah, Obhor Creek, -0.5 m, IV.1977, leg. G.R.S.T.S., det. E. Tortonese, 1 sp. (MZUF 301)

Kenya, Mida creek, Uyombo, X.1990, leg. M. Borri, det. M. Borri, 2 sp. (MZUF 1497)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2444)

Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1498)

Calcita novaeguineae Müller & Troschel 1842

Samoa Is., IV.1889, pur. A.C. Pohl, previous det. *Calcita pentangularis* Gray det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 440)

Calcita schmideliana (Retzius 1805)

Somalia, Gesira, XII.1976, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 326)

Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 2 sp. (MZUF 1499)

Mauritius Is., VII.1880, pur. Umlauss, det. A. Senna, 1 sp. (MZUF 2556)

Maldives, Velassaru, Lat. 4°8'N Long. 73°26'E, reef, -8-30 m, II.1976, leg. M.L. Azzaroli, det. ?, 3 sp. (MZUF 280)

Calcita sp.

Egypt, Berenice Reef, on a *Caulerpa* bed, 2.V.1980, leg. G. Adriani, det. ?, 2 sp. (MZUF 442)

Djibouti, near Arta Plage, Lat. 42°45'N Long. 11°30'E, XI.2006, leg. M. Borri, det. M. Borri, 2 sp. (MZUF 2575)

Monachaster sanderi (Meissner 1892)

Somalia, Gesira, XII.1976, leg. S.B.S., det. E. Tortonese, 2 sp. (MZUF 327)

Somalia, Sar Uanle, VIII.1975, leg. S.B.S., det. E. Tortonese, 3 sp. (MZUF 328)

Nidorellia armata Gray 1840

Ecuador, Galapagos Is., 20.XII.1971-12.I.1972, leg. G.R.S.T.S., det. M.L. Azzaroli, 1 sp. (MZUF 240)

Ecuador, Galapagos, Duncan Is., -12 m, 6.I.1972, leg. G.R.S.T.S., det. M.L. Azzaroli, 2 sp. (MZUF 245)

Ecuador, Galapagos, Seymour Is., 29.XII.1971, leg. G.R.S.T.S., det. M.L. Azzaroli, 1 sp. (MZUF 255)

Mexico, Acapulco, 1885, don. U.S. National Museum, Smithsonian Institution, det. A. Targioni Tozzetti & A. Senna, 3 sp. (MZUF 435)

Oreaster reticulatus (Linnaeus 1758)

Indian Ocean, <1843, leg. ?, previous det. *Pentaceros reticulatus*, det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 431)

U.S. Virgin Islands, St. Thomas Is., 1885, don. U.S. National Museum, Smithsonian Institution, previous det. *Pentaceros reticulatus* det. A. Senna, upd. R. Fareltri, 2 sp. (MZUF 432)

Bahamas, Antillean Sea, X.1895, leg. E. Balducci, det. ?, 1 sp. (MZUF 2565)

Pentacaster affinis (Müller & Troschel 1842)

Indian Ocean, 1851, don. Clot Bey, previous det. *Pentaceros affinis*, det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 422)

Pentacaster cumingi (Gray 1840)

Ecuador, Galapagos, Seymour Is., 29.XII.1971, leg. G.R.S.T.S., det. M.L. Azzaroli, 2 sp. (MZUF 229)

Ecuador, Galapagos, Barrington Is., 10.I.1972, leg. G.R.S.T.S., det. M.L. Azzaroli, 1 sp. (MZUF 232)

Pentacaster horridus (Gray 1840)

Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1505)

Pentacaster tuberculatus (Müller & Troschel 1842)

Red Sea, <1843, leg. Clot Bey, previous det. *Pentaceros tuberculatus* det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2558)

Red Sea, <1843, leg. ?, previous det. *Pentaceros tuberculatus* det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 423)

Kenya, Mombasa Marine Park, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 4 sp. (MZUF 1503)

Kenya, Shimoni, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1504)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2439)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2440)

Pentacaster mammillatus (Audouin 1826)

Red Sea, IX.1867, leg. Figari Bey, previous det. *Pentaceros mammillatus* Audouin det. A. Senna, upd. R. Fareltri, 2 sp. (MZUF 428)

Red Sea, IX.1867, leg. Figari Bey, previous det. *Pentaceros mammillatus* Audouin det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 430)

Red Sea, IX.1867, leg. Figari Bey, previous det. *Pentaceros mammillatus* Audouin det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 2557)

Ethiopia, Assab, 1870, leg. Doria & Issel, don. Doria, previous det. *Pentaceros mammillatus* Audouin det. A. Senna, upd. R. Fareltri, 1 sp. (MZUF 424)

Somalia, Bosaso, Bender Cassim, II.1956, leg. A. Azzaroli, det. A. Fazzini, 1 sp. (MZUF 532)

Somalia, Bosaso, Bender Cassim, II.1956, leg. A. Azzaroli, det. A. Fazzini, 1 sp. (MZUF 533)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2438)

Fiji Is., IV.1889, pur. C.A. Pohl, previous det. *Pentaceros verrucosus* det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 426)

[Indian Ocean], 1915, from the Indian Museum in Florence, previous det. *Pentaceros turritus* (Linck) det. ?, upd. ?, 1 sp. (MZUF 420)

Protoreaster lincki (de Blainville 1830)

Somalia, Sar Uanle, XII.1976, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 325)

Somalia, Brava, 23.IX.1959, leg. S.B.S., det. E. Tortonese, 1 sp. (MZUF 436)

Somalia, Bur Gabo, Bircão, 28.VIII.1959, leg. S.B.S., det. E. Tortonese, 5 sp. (MZUF 439)

Somalia, Mogadiscio, 1957, leg. U. Funaioli, det. ?, 1 sp. (MZUF 2559)

Kenya, Watamu Beach, XI.1968, leg. B. Lanza, det. E. Tortonese, 1 sp. (MZUF 437)

Kenya, Mida creek, Uyombo, X.1990, leg. M. Borri, det. M. Borri, 1 sp. (MZUF 1500)

Kenya, Vipingo, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 6 sp. (MZUF 1501)

Kenya, Shimoni, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 3 sp. (MZUF 1502)

Kenya, Mayungu, XI-XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2441)

Kenya, Mombasa, reef, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2442)

Kenya, Mombasa, lagoon, IX.2000, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 2443)

Republic of Palau, IV.1889, pur. C.A. Pohl, previous det. *Pentaceros muricatus* det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 419)

Protoreaster nodosus (Linnaeus 1758)

Indian Ocean, <1843, leg.?, previous det. *Pentaceros turritus* det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 433)

Indonesia, Moluccas, Dobbo, IX.1872, leg. R.N. «Vettor Pisani», previous det. *Oreaster turritus* det. ?, upd. G. Innocenti, 1 sp. (MZUF 2566)

Papua New Guinea, New Britannia, <1893, exchange with Berlin Museum, from the «Gazelle» cruise, previous det. *Pentaceros hiulcus* det. A. Senna, upd. G. Innocenti, 1 sp. (MZUF 2437)

OREASTERIDAE GEN. SP.

Ceylon (=Sri Lanka), II.1889, leg. K. Fristedt, previous det. *Pentaceros* sp. det. A. Senna, 1 sp. (MZUF 425)

Ceylon (=Sri Lanka), II.1889, leg. K. Fristedt, previous det. *Pentaceros* sp. det. A. Senna, 1 sp. (MZUF 427)

Family SOLASTERIDAE Viguier 1878

Lophaster furcifer (Düben & Koren 1846)

Norway, Trondheim, 1893, exchange with Berlin Museum, leg. Larsen, det. A. Senna, 1 sp. (MZUF 443)

Crossaster papposus (Linnaeus 1767)

United Kingdom, Essex, Clacton-on-Sea, IX.1977, leg. W. Cape, det. E. Tortonese, 2 sp. (MZUF 387)

France, St. Pierre Is., 1867, pur. Paris Exposition, det. A. Senna, 1 sp. (MZUF 2562)

Kattegat, 1873, pur. Covrassen, Museum of Copenhagen, det. A. Senna, 2 sp. (MZUF 2436)

Germany, Helgoland, IX.1865, leg. P. Marchi, det. A. Senna, 4 sp. (MZUF 444)

Northern Seas of Europe (sic!), <1843, leg. ?, det. A. Targioni Tozzetti & A. Senna, 1 sp. (MZUF 445)

Solaster endeca (Linnaeus 1771)

Baltic Sea, <1843, leg. ?, det. A. Senna, 1 sp. (MZUF 2451)

France, St. Pierre Is., 1867, pur. Paris Exposition, det. A. Senna, 1 sp. (MZUF 2452)

Order VELATIDA Perrier 1884

Family PTERASTERIDAE Perrier 1875

Euretaster cribrosus (von Martens 1867)

Kenya, Mombasa Marine Park, 5.XII.1993, leg. M. Borri & C. Volpi, det. M. Borri, 1 sp. (MZUF 1517)

Somalia, 1980, leg. R. Todaro, det. M. Borri, 1 sp. (MZUF 2456)

ASTEROIDEA GEN. SP.

Italy, (VE) Venice, 1972, leg. F. Terzani, 1 sp. (MZUF 2498)

Italy, (RA) between Marina Romea and Casal Borsotti, 17.IX.1972, leg. F. Terzani & A. Zanotti, 1 sp. (MZUF 2503)

Italy, (FC) out Cesenatico, 3.VII.1973, leg. F. Terzani, 2 sp. (MZUF 2473)

Italy, (AN) Numana, 25.VIII.1984, leg. F. Terzani, 1 sp. (MZUF 2499)

Italy, (LU) Forte dei Marmi, VIII.1942, leg. ?, 1 sp. (MZUF 2529)

Italy, (LI) Elba Is. Enfolà, -0.8 m, VIII.1980, leg. E. Talenti, 1 sp. (MZUF 2518)

Italy, (LI) Elba Is., Capo d'Enfolà, -0.8 m, VIII.1980, leg. E. Talenti, 1 sp. (MZUF 2494)

Italy, (LI) Elba Is., Capo Sant'Andrea, 7.VI.1999, leg. M. Giuggioli, 1 sp. (MZUF 2514)

Italy, (LI) Elba Is., Scoglio del Remaiolo, 24.III.1967, leg. B. Lanza, 1 sp. (MZUF 2512)

Italy, (LI) Gulf of Baratti, 1969, leg. M. Lanza, 1 sp. (MZUF 2490)

Italy, (LI) Livorno, -0.7 m, 27.X.1989, leg. P.L. Finotello & A. Lazzarotti, 2 sp. (MZUF 2479)

Italy, (LI) Livorno, -1-6.5 m, 20.X.1989, leg. M. Borri, A. Lazzarotti & A. Doricchi, 3 sp. (MZUF 2516)

Italy, (LI) Quercianella, VIII.1972, leg. A. Mascagni, 1 sp. (MZUF 2501)

Italy, (GR) Castiglione della Pescaia, Le Rocchette, 14.VIII.1976, leg. C. Dell'Aquila, 1 sp. (MZUF 2472)

Italy, (GR) Castiglione della Pescaia, VIII.1978, leg. S. Cianfanelli, 2 sp. (MZUF 2515)

Italy, (GR) from Punta Ala to Castiglione della Pescaia, -60-100 m, 21.III.1987, leg. S. Cianfanelli & E. Talenti, 2 sp. (MZUF 2495)

Italy, (GR) Le Rocchette, Summer 1978, leg. M. Borri, 2 sp. (MZUF 2497)

Italy, (GR) Le Rocchette, VIII.1977, leg. M. Borri, 1 sp. (MZUF 2492)

Italy, (GR) Le Rocchette, VIII.1977, leg. M. Borri, 1 sp. (MZUF 2493)

Italy, (GR) Punta Ala, -3 m, muddy and rocky bottom, 4.VIII.1976, leg. M. Borri, A. Gigli, P. Notarbartolo & P. Solaini, 1 sp. (MZUF 2474)

Italy, (GR) Punta Ala, Sparviero Islet, 1976-78, leg. M. Borri, 2 sp. (MZUF 2513)

Italy, (GR) Tombolo della Giannella, 6.VII.2002, leg. F. & A. Terzani, 1 sp. (MZUF 2500)

Italy, (GR) W of Giglio Is., -200 m, III.1989, leg. M. De Pirro, 8 sp. (MZUF 2506)

Italy, (RM) Civitavecchia, 2002, leg. G. Eva, 1 sp. (MZUF 2488)

Italy, (SS), Portopollo, Isuledda Is., 30.IV.1979, leg. L. Chelazzi & S. Lanza, 2 sp. (MZUF 2507)

Italy, (SS), Portopollo, Isuledda Is., 30.IV.1979, leg. L. Chelazzi & S. Lanza, 2 sp. (MZUF 2508)

Italy, (FG) Tremiti Is., S. Domino Is., 20.VI.2001, leg. S. Cianfanelli & E. Talenti, 1 sp. (MZUF 2489)

Italy, (LE) Novaglie, S. Maria di Leuca, 1983, leg. T. Cattelani, 1 sp. (MZUF 2475)

Italy, (LE) Novaglie, S. Maria di Leuca, 1983, leg. T. Cattelani, 1 sp. (MZUF 2477)

Italy, (LE) Novaglie, S. Maria di Leuca, 1983, leg. T. Cattelani, 1 sp. (MZUF 2478)

Italy, (TP) Mazara del Vallo, Torretta di Capo Granito, L'Orlo, -40 m, sand and coralligenous bottom, 10.XI.1988, M/P "S. Lucia", 2 sp. (MZUF 2520)

Italy, (ME) Eolie Is., Panarea, VIII.1969, leg. L. Lanza, 2 sp. (MZUF 2491)

Italy, (RG) Capo Scalambri, Punta Secca, 22.VIII.1959, leg. S. Carfi, 1 sp. (MZUF 2487)

Italy, (RG) Scoglitti "Palummaru", 23.VIII.1959, leg. S. Carfi, 1 sp. (MZUF 2485)

Italy, (RG) Scoglitti, 7.VIII.1959, leg. S. Carfi, 1 sp. (MZUF 2486)

United Kingdom, The Channel, Camber Sands, Rye beach, VII.1993, leg. S. Novello, 1 sp. (MZUF 2547)

United Kingdom, The Channel, Camber Sands, Rye beach, VII.1993, leg. S. Novello, 1 sp. (MZUF 2548)

France, Banyuls-sur-Mer, 1960, leg. S. Carfi, 1 sp. (MZUF 2524)

France, Banyuls-sur-Mer, 1960, leg. S. Carfi, 1 sp. (MZUF 2526)

France, Banyuls-sur-Mer, 1960, leg. S. Carfi, 1 sp. (MZUF 2527)

France, Banyuls-sur-Mer, 1960, leg. S. Carfi, 4 sp. (MZUF 2525)

France, Point Jardeneau, NW of Cherbourg, 30.VI.1998, leg. S. Cianfanelli & M. Calcagno, 3 sp. (MZUF 2537)

France, Corsica, Fautea, 1970, leg. B. Lanza, 1 sp. (MZUF 2511)

France, Corsica, Fautea, S. Lucia di Portovecchio, VIII.1972, leg. Lanza, 1 sp. (MZUF 2509)

France, Corsica, Fautea, S. Lucia di Portovecchio, VII-VIII.1972, leg. B. Lanza, 3 sp. (MZUF 2504)

France, Corsica, Fautea, S. Lucia di Portovecchio, VII-VIII.1972, leg. M. Lanza, 2 sp. (MZUF 2505)

France, Corsica, Fautea, VII.1974, leg. M. Lanza, 1 sp. (MZUF 2510)

- France, Corsica, Fautea, VII.1974, leg. M. Lanza, 1 sp. (MZUF 2510)
- France, Corsica, Fautea, VII.1974, leg. M. Lanza, 1 sp. (MZUF 2510)
- France, Corsica, Gulf of Fautea, 15.VII-15.VIII.1973, leg. M. Lanza, 6 sp. (MZUF 2480)
- Croatia, Vestar (=Vestre), under a rock along the shore, 27.V.1996, leg. C. Volpi, S. Cannicci & G. Innocenti, 4 sp. and various juveniles (MZUF 2519)
- Tunisia, coast, VI.1966, leg. Abdelaziz, Salambò Oceanographic Institute, 1 sp. (MZUF 2481)
- Tunisia, coast, VI.1966, leg. Abdelaziz, Salambò Oceanographic Institute, 1 sp. (MZUF 2483)
- Tunisia, coast, VI.1966, leg. Abdelaziz, Salambò Oceanographic Institute, 1 sp. (MZUF 2484)
- Lybia, Tripoli, 1915, leg. V. Baldasseroni, 2 sp. (MZUF 2528)
- Greece, Chios Is., VIII.1992, leg. G. Innocenti & J. Ferretti, 1 sp. (MZUF 2496)
- Greece, Naxos Is., IX.1993, leg. E. Talenti, 1 sp. (MZUF 2517)
- Israel, Haifa Bay, -35-40 m, 9-10.IX.1998, leg. G. Innocenti, 1 sp. (MZUF 2521)
- Israel, Palmahim, -35 m, 28.V.2004, leg. B.S. Galil, 1 sp. (MZUF 2523)
- Israel, Palmahim, V.2002, leg. B.S. Galil, 2 sp. (MZUF 2522)
- Mediterranean Sea, 19.VII.1980, leg. F. Terzani, 2 sp. (MZUF 2502)
- Jordan, Aqaba, National Tourist Camp, VII.1993, leg. M. Borri & C. Volpi, 2 sp. (MZUF 2532)
- Jordan, Aqaba, National Tourist Camp, VII.1993, leg. M. Borri & C. Volpi, 11 sp. (MZUF 2545)
- Jordan, Gulf of Aqaba, 4.V.1975, leg. B. Lanza, 1 sp. (MZUF 2534)
- Jordan, Gulf of Aqaba, 4.V.1975, leg. B. Lanza, 2 sp. (MZUF 2533)
- Red Sea, 1867, don. M. Paulucci, 5 sp. (MZUF 2546)
- Somalia, Gesira, X.1979, leg. M. Vannini, 1 sp. (MZUF 2549)
- Somalia, Gesira, X.1979, leg. M. Vannini, 2 sp. (MZUF 2550)
- Somalia, Gesira, X.1981, leg. M. Vannini, 5 sp. (MZUF 2539)
- Somalia, Mogadiscio, 1957, leg. U. Funaioli, 1 sp. (MZUF 2543)
- Somalia, Mogadiscio, XII.1978-I.1979, leg. A. Simonetta, 1 sp. (MZUF 2540)
- Somalia, Mogadiscio, XII.1978-I.1979, leg. A. Simonetta, 1 sp. (MZUF 2541)
- Somalia, Mogadiscio, XII.1978-I.1979, leg. A. Simonetta, 1 sp. (MZUF 2542)
- Tanzania, Pemba, from the coral reef, VIII.1995, leg. F. Tarducci, 2 sp. (MZUF 2535)
- Maldives, date?, leg. M. Lanza, 1 sp. (MZUF 2544)
- Mauritius Is., VIII.1984, leg. M. & R. Casseti, 1 sp. (MZUF 2551)
- India, Paumben, 2 fathoms, IV.1889, leg. K. Fristedt, 5 sp. (MZUF 2536)
- Philippines, Palawan Is., St. Paul SNP, Rangers Camp, 20-27.II.1991, leg. M. Borri & C. Volpi, 2 sp. (MZUF 2553)
- Philippines, Palawan Is., St. Paul SNP, Rangers Camp, 20-27.II.1991, leg. M. Borri & C. Volpi, 2 sp. (MZUF 2554)
- Philippines, Toloran Is., Toloran Bay, 3.III.1991, leg. M. Borri & C. Volpi, 3 sp. (MZUF 2552)
- Argentina, Tierra del Fuego, Beagle Channel, Isla Redonda, 22.I.1974, leg. G.R.S.T.S., 1 sp. (MZUF 2530)
- Argentina, Ushuaia, I.1974, leg. G.R.S.T.S., 1 sp. (MZUF 2531)
- South America (sic!), X.1894, pur. L. De Balzan, 1 sp. (MZUF 2538)

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