

The type specimens of extant asteroids
(Echinodermata) in the Muséum national
d'Histoire naturelle of Paris

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The type specimens of extant asteroids (Echinodermata) in the Muséum national d'Histoire naturelle of Paris

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ABSTRACT

Since its foundation in 1793, type specimens of 441 asteroid species and subspecies have been deposited in the Muséum national d'Histoire naturelle of Paris. The annotated catalogue of all these taxa is drawn up including species whose type material could not be found in the collection. Today the Paris museum houses 1011 asteroid type specimens representing 398 nominal species and subspecies, most of which were described by Lamarck (1816), Müller & Troschel (1842), Perrier (between 1869 and 1896) and Koehler (between 1895 and 1923). Though originating worldwide, species coming from the Atlantic and Indo-West Pacific Oceans, and Antarctic waters are more numerous. A biographical directory of all those involved either in the descriptions of the species or the collection of new material as well as their dedicatee is annexed to the catalogue. Revision of the Paris collection allows to propose taxonomic changes for two species of Müller & Troschel (*Echinaster crassus* Müller & Troschel, 1842 and *Echinaster gracilis* Müller & Troschel, 1842 are synonymized with *Echinaster purpureus* (Gray, 1840)) and five species of Perrier (*Asterias borbonica* Perrier, 1875 and *Echinaster clouei* Perrier, 1869 are synonymized with *Echinaster purpureus* (Gray, 1840), *Oreaster clouei* Perrier, 1869 and *Oreaster mammosus* Perrier, 1869 with *Protoreaster lincki* (Blainville, 1830) and *Ophidiaster chinensis* Perrier, 1875 with *Ophidiaster granifer* Lütken, 1871).

KEY WORDS

Asteroidea,
sea stars,
type collection,
catalogue,
new synonymies.

RÉSUMÉ

Les types d'astéries actuelles (Échinodermes) du Muséum national d'Histoire naturelle de Paris.

Depuis sa fondation en 1793 le Muséum national d'Histoire naturelle de Paris a intégré les spécimens types de 441 espèces et sous-espèces d'astéries. Le catalogue commenté de tous ces taxons est dressé ici, y compris les espèces dont le matériel type n'a pu être retrouvé dans la collection. Aujourd'hui le muséum de Paris conserve 1011 spécimens types d'astéries représentant 398 espèces et sous-espèces nominales. Décrites principalement par Lamarck (1816), Müller & Troschel (1842), Perrier (entre 1869 et 1896) et Koehler (entre 1895 et 1923), ces astéries sont originaires de toutes les mers du globe, mais proviennent majoritairement des océans Atlantique et Indo-Ouest Pacifique, ainsi que des mers antarctiques. Un répertoire biographique de toutes les personnes impliquées dans la description des espèces ou dans la récolte des spécimens types ainsi qu'à leurs dédicataires, accompagne le catalogue en annexe. La révision de la collection parisienne permet de proposer des changements taxonomiques pour deux espèces de Müller & Troschel (*Echinaster crassus* Müller & Troschel, 1842 et *Echinaster gracilis* Müller & Troschel, 1842 sont synonymes de *Echinaster purpureus* (Gray, 1840)) et cinq espèces de Perrier (*Asterias borbonica* Perrier, 1875 et *Echinaster clouei* Perrier, 1869 sont synonymes d'*Echinaster purpureus* (Gray, 1840); *Oreaster clouei* Perrier, 1869 et *Oreaster mammosus* Perrier, 1869 de *Protoreaster lincki* (Blainville, 1830); *Ophidiaster chinensis* Perrier, 1875 d'*Ophidiaster granifer* Lütken, 1871).

MOTS CLÉS

Asteroidea,
étoiles de mer,
collection de types,
catalogue,
synonymies nouvelles.

INTRODUCTION

The Muséum national d'Histoire naturelle (MNHN) of Paris houses thousands of asteroid specimens from all over the world. This collection includes 1011 type specimens (398 nominal species and subspecies) originating from the Atlantic Ocean (151 nominal species), the Indo-West Pacific Ocean (184 nominal species and three nominal subspecies) and the Southern Oceans (including the Kerguelen Islands; 47 nominal species). The 16 remaining species are of undetermined origin. The main descriptors of the species whose type specimens are kept in the Paris museum are Lamarck, Troschel, Perrier and Koehler (Fig. 1).

About 80% of Atlantic type specimens have been collected during major ocean expeditions, such as the BLAKE expedition (1877-1878) in the Gulf of Mexico, the Caribbean Sea and the US Atlantic coast (Perrier 1884; see Agassiz 1888); the *Travailleur* and *Talisman* expeditions 1880-1883 in the central Atlantic, the NE African coast and the Mediterranean (Perrier 1894; see Filhol 1885); and the Cape Horn expedition 1882-1883 (Perrier 1891; see Martial 1888).

Indian Ocean type specimens come mostly from the Mascarene archipelago, and from various localities scattered in the ocean. Their origins are more diverse, being the result of recent expeditions (e.g. Jangoux & Aziz 1988), individual collectors (e.g., Dollfus 1936), or donation from foreign museums. The latter point explains why many Indian asteroids – representing 21 species – occur in the MNHN. Indeed, these specimens were donated to René Koehler – Koehler published extensive reports on echinoderms of the Indian Museum [Calcutta] collected by the survey ship *Investigator* (Koehler 1909, 1910; see Alcock 1902) – who in turn gave them to the MNHN.

The Antarctic type specimen collection results mainly from the extensive works carried out by Koehler on echinoderms gathered by most pre-1914 European Antarctic expeditions. Hence, the Museum houses asteroids collected by the first and second French Antarctic expeditions (Koehler 1906, see Charcot 1906; Koehler 1912, see Charcot 1910; respectively) as well as by the Scottish, British, Australasian and Swedish Antarctic expeditions. It hosted also several syntypes of species collected during the Belgian Antarctic expedition Belgica (1898-1899) which endured the first Antarctic overwintering.

Finally, most Pacific type specimens originate from New Caledonia and surrounding Islands, an area intensively surveyed over the past decades (Jangoux 1984; Mah 2017). Other Pacific localities are scattered all over the Ocean (from China to New Zealand).

The MNHN was founded in 1793 and the asteroid collection was revised several times during the 19th century. Lamarck (1816) completed the first revision. He counted 43 species amongst which 26 were new to science. Most of these latter originated from the Baudin expedition (1800-1804) to New Holland (Australia) onboard the vessel *Géographe* (Jangoux 2021). Troschel achieved the second revision (Müller & Troschel 1842) and listed 61 species amongst which 17 were new to science. The work by Müller & Troschel was accurately translated into French and was fully incorporated into the echinoderm treatise of Dujardin & Hupé (1862). From 1842, the year of the publication of the Müller & Troschel *System des Asteriden*, to 1875, the year of Perrier's revision, the number of specimens included in the MNHN asteroid collection increased substantially. Indeed, Perrier numbered 194 species among which 38 were new to science. Perrier's work (1875) was the last revision of the collection. Since then, many expeditions, exchanges or donations have taken place and today



FIG. 1. — **A**, Jean Baptiste Lamarck (Urbain 1946); **B**, Franz Hermann Troschel (courtesy of A. Ziegler); **C**, Edmond Perrier (Uzanne 1903); **D**, René Koehler (Uzanne 1908).

the asteroid collection includes type specimens of 398 nominal species and subspecies out of the 445 that have been officially deposited in the Muséum since the early 19th century. These include specimens of 64 pre-1876 species, *viz.* 18 species of Lamarck, one of Bory de Saint Vincent, one of d'Orbigny, three of Michelin, 19 of Müller & Troschel, and 22 of Perrier.

The present revision consists in the annotated catalogue of all extant asteroid species whose type specimens were deposited in the Muséum national d'Histoire naturelle since its foundation. A set of brief bibliographical notices about peoples that were either author(s), dedicatee or collector(s) of the considered species is annexed to the catalogue.

MATERIAL AND METHODS

Each part of this catalogue is presented according to the alphabetical order of the specific names used in the original species descriptions. The information provided includes the name of the species, the original bibliographic reference, the current status of the species, the specimen(s) reference number(s), their geographical origin, the name of collector or expedition (when possible), and any additional relevant information (under the heading 'Remark'). A photograph of the type specimens (holotype or syntype) is given for every valid species whose published illustration is lacking or incomplete.

ABBREVIATIONS

Institutions

AM	Australian Museum, Sydney;
CAS	California Academy of Sciences, San Francisco;
MCZ	Museum of comparative Zoology, Harvard;
MHNG	Muséum d'histoire naturelle de la Ville de Genève;
MNHN	Muséum national d'Histoire naturelle, Paris;
MONA	Musée océanographique de Monaco;
NHM	Natural History Museum, London;
RBINS	Royal Institute of natural Sciences, Brussels;
RSM	Royal Scottish Museum, Edinburgh;
USNM	United States National Museum, Washington D.C.

MNHN echinodermata catalogue

ECAH	Échinoderme-astérie-en alcool;
ECAS	Échinoderme-astérie-à sec;
IE	Invertébré échinoderme.

Symbol

*	Species whose type material has not been found in the MNHN collection.
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THE CATALOGUE OF TYPE SPECIMENS (NOMINAL SPECIES)

abnormalis Perrier, 1875, *Disasterina*

Disasterina abnormalis Perrier, 1875: 289. — Clark 1993: 218.

CURRENT STATUS. — *Disasterina abnormalis* Perrier, 1875.

TYPE MATERIAL. — **New Caledonia** • 2 syntypes; Balansa leg.; 1872; MNHN-IE-2014-401.

abyssalis Perrier, 1894, *Cribrella*

Cribrella abyssalis Perrier, 1894: 144, pl. 11, fig. 1.

Henricia cylindrella – Clark & Downey 1992: 390.

CURRENT STATUS. — *Henricia cylindrella* (Sladen, 1883).

TYPE MATERIAL. — **Morocco** • 1 syntype; off Moroccan coast; *Talisman* expedition; 1883; 600 m; MNHN-IE-2014-256 • 5 syntypes; same as for preceding; MNHN-IE-2014-283.

Sahara • 2 syntypes; station 33; off Saharan coast; *Talisman* expedition; 1883; 32°31'N, 12°08'E; depth 1350 m; MNHN-IE-2014-402 • 2 syntypes; same as for preceding; station 32; 32°34'N, 12°09'E; depth 1590 m; MNHN-IE-2014-2247.

REMARKS

The name *abyssicola* proposed by Perrier (1885: 24) was changed in *abyssalis* by him in 1894 without explanation. The name *abyssalis* was then adopted by subsequent authors. It should be noted that Perrier still uses the name *abyssicola* in some tables in his 1894 work (see p. 30, 33 and 34).

Some of the *Talisman* stations reported on museum labels differ from those in Perrier's (1894) publication. This concerns either the locality or the number of individuals.

To avoid confusion, note that *Cribrella abyssicola* Norman, 1869 is synonym of *Henricia pertusa* (O. F. Müller, 1776) according to Madsen (1987).

accrescens Koehler, 1920, *Leptoptychaster*

Leptoptychaster accrescens Koehler, 1920: 246, pl. 47, fig. 7-10, pl. 48, fig. 1-7, pl. 49, fig. 5.

Macroptychaster accrescens – Clark 1989: 283.

CURRENT STATUS. — *Macroptychaster accrescens* (Koehler, 1920).

TYPE MATERIAL. — **Antarctic** • 1 syntype; station 12; Australasian Antarctic expedition (1911-1914); 64°32'S, 97°20'E; depth 201 m; MNHN-IE-2014-439.

REMARK

Additional syntypes are kept in the Australian Museum, Sydney (ref. J3639 [2 syntypes] & J3640 [4 syntypes]) (Rowe & Pawson 1977).

ackleyi Perrier, 1881, *Zoroaster*

Zoroaster ackleyi Perrier, 1881: 6.

Zoroaster fulgens – Clark & Downey 1992: 403.

CURRENT STATUS. — *Zoroaster fulgens* Wyville-Thomson, 1873.

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; station 157; Montserrat; BLAKE expedition (1878-1879); depth 219 m; MNHN-IE-2014-281.

acutibrachia, Aziz & Jangoux, 1984, *Myxoderma*

Myxoderma acutibrachia Aziz & Jangoux, 1984: 192, pl.4, fig. 1-9. — Clark in Clark & Mah 2001: 231.

CURRENT STATUS. — *Myxoderma acutibrachia* Aziz & Jangoux, 1984.

TYPE MATERIAL. — **Macassar Strait** • holotype; Corindon campaign; MNHN-IE-2014-669 • 3 paratypes; same as for holotype; MNHN-IE-2017-657.

acutus Perrier, 1869, *Goniodiscus*

Goniodiscus acutus Perrier, 1869: 88.

Anthenea edmundi – Clark 1993: 294.

CURRENT STATUS. — *Anthenea edmundi* H. L. Clark, 1970.

TYPE MATERIAL. — **Australia** • 3 syntypes; Verreaux leg.; 1844; MNHN-IE-2014-63.

acutus Aziz & Jangoux, 1984, *Hymenaster*

Hymenaster acutus Aziz & Jangoux, 1984: 189, pl. 2, fig. 1-4.

CURRENT STATUS. — *Hymenaster acutus* Aziz & Jangoux, 1984.

TYPE MATERIAL. — **Macassar Strait** • holotype; Macassar Strait; Corindon campaign, depth 1080 m; MNHN-IE-2014-659 • 1 paratype; same as holotype; MNHN-IE-2014-660.

**affinis* Perrier, 1869, *Echinaster*

Echinaster affinis Perrier, 1869: 58.

Echinaster luzonicus – Clark 1996: 223.

CURRENT STATUS. — *Echinaster luzonicus* (Gray, 1840).

REMARK

The specimens studied by Perrier originated from Northern India.

**africanus* Müller & Troschel, 1842, *Asteracanthion*

Asteracanthion africanus Müller & Trochel, 1842: 15.

Marthasterias africana – Wrigh *et al.* 2016: 38.

CURRENT STATUS. — *Marthasterias africana* (Müller & Troschel, 1842).

REMARK

Original drawings of *A. africanus* are presented in Jangoux (2021: 215, fig. 1).

africanus Koehler, 1911, *Astropecten*

Astropecten africanus Koehler, 1911: 5, pl. 2, fig. 8-9. — Clark & Downey 1992: 27.

CURRENT STATUS. — *Astropecten africanus* Koehler, 1911.

TYPE MATERIAL. — **Mauritania** • holotype; Arguin Bank; Gruvel scientific mission (1909-1910); MNHN-IE-2014-561 • 2 paratypes; same as for holotype; MNHN-IE-2014-7.

agassizi Perrier, 1894, *Dytaster*

Dytaster agassizi Perrier, 1894: 302, pl. 19, fig. 2a-d.

Dytaster grandis grandis – Clark & Downey 1992: 53.

CURRENT STATUS. — *Dytaster grandis grandis* (Verrill, 1884).

TYPE MATERIAL. — **Between Azores and Europe** • 1 syntype; station 134; between Azores & Europe; *Talisman* expedition; 1883; depth 4060 m; MNHN-IE-2014-237 • 3 syntypes; same as for preceding; MNHN-IE-2014-325.

REMARK

D. agassizi was erected from specimens previously identified *Pectinaster insignis* by Perrier (1885: 70).

agassizi Perrier, 1882, *Hymenodiscus*

Hymenodiscus agassizi Perrier, 1882: 61. — Mah *in* Clark & Mah 2001: 326.

CURRENT STATUS. — *Hymenodiscus agassizi* Perrier, 1882.

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; Dominica; BLAKE expedition (1878-1879); depth 715 m; MNHN-IE-2014-161 • 1 syntype; same as for preceding; MNHN-IE-2014-599.

aireyae Mah, 2017, *Bathyferdina*

Bathyferdina aireyae Mah, 2017: 12.

CURRENT STATUS. — *Bathyferdina aireyae* Mah, 2017.

TYPE MATERIAL. — **New Caledonia** • 3 paratypes; station DW 3866; Ellet Bank; Exbodi expedition; MNHN-IE-2007-6377. **Vanuatu** • 1 paratype; station DW 964; Anatom Island; MUSOR-STOM 8 expedition; MNHN-IE-2013-5132. **Solomon Islands** • 1 paratype; *Alis* expedition; 6°51'S, 156°24'E; MNHN-IE-2007-126.

alatus Perrier, 1875, *Astropecten*
(Fig. 2)

Astropecten alatus Perrier, 1875: 374. — Clark 1989: 251.

CURRENT STATUS. — *Astropecten alatus* Perrier, 1875.

TYPE MATERIAL. — **Unknown locality** • holotype; Michelin leg.; MNHN-IE-2014-4.

REMARK

The species is known from the Moluccas.

alberti Koehler, 1909, *Thoracaster*

Thoracaster alberti Koehler, 1909: 45, pl. 3, figs 1-4, pl. 5, fig. 7.

Thoracaster cylindratus – Clark 1989: 303.

CURRENT STATUS. — *Thoracaster cylindratus* Sladen, 1883.

TYPE MATERIAL. — **Arabian sea** • 1 syntype; station 287; *Investigator* Survey; 21°09'N, 65°47'E; depth 2756 m; Indian Museum leg.; MNHN-IE-2014-281.

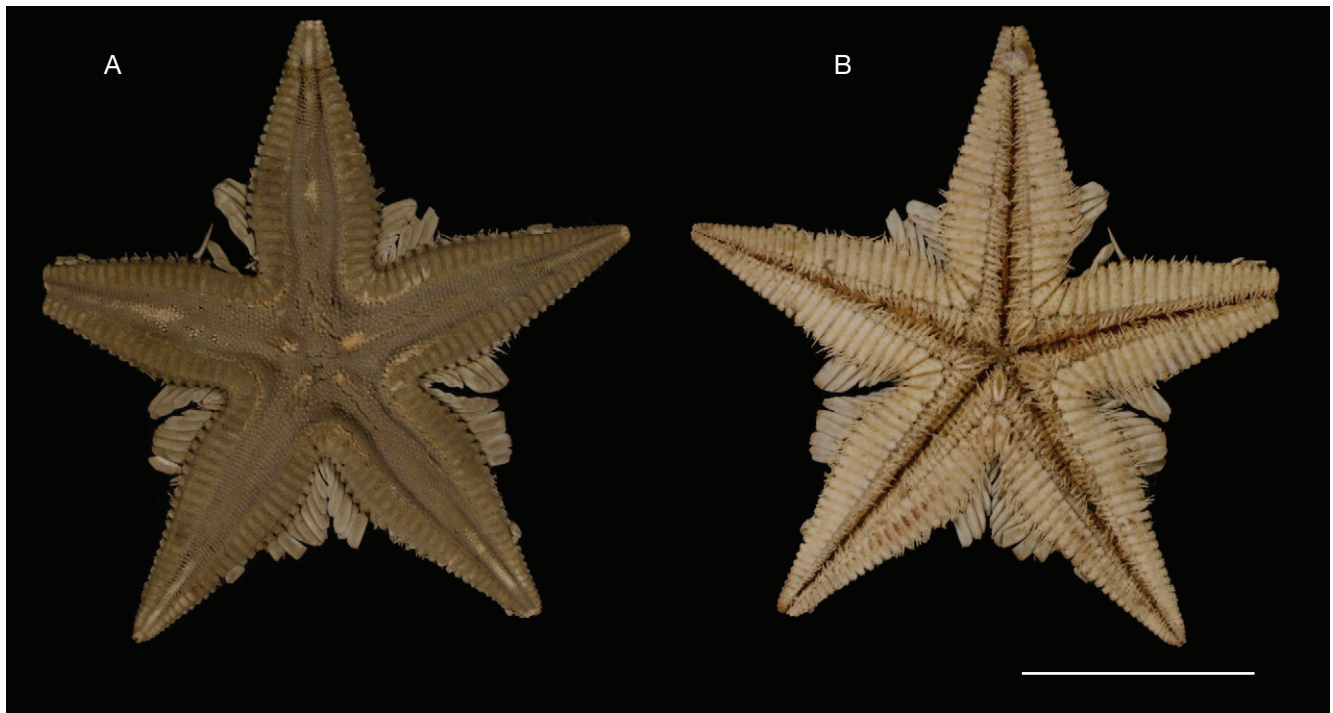


FIG. 2. — *Astropecten alatus* Perrier, 1875: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-4. Scale bar: 20 mm.

alexandri Perrier, 1881, *Pentagonaster*

Pentagonaster alexandri Perrier, 1881: 22; 1884: 38, pl. 6, figs 3-8.

Rosaster alexandri – Clark & Downey 1992: 265.

CURRENT STATUS. — *Rosaster alexandri* (Perrier, 1881).

TYPE MATERIAL. — Caribbean Sea • 1 paratype; Barbados; *Hasler* campaign; 1870; MNHN-IE-2014-119 • 1 paratype; Granada; same as for preceding; MNHN-IE-2014-122.

REMARK

The holotype of *Pentagonaster alexandri* is deposited in the MCZ under reference number MCZ 450 (Clark & Downey 1992).

alfredi Alcock, 1893, *Zoroaster*

Zoroaster alfredi Alcock, 1893a: 102. — Clark in Clark & Mah 2001: 233.

CURRENT STATUS. — *Zoroaster alfredi* Alcock, 1893.

TYPE MATERIAL. — Bay of Bengal • 1 syntype; Carpenter ridge; *Investigator* Survey; 2489 m; Indian Museum leg.; MNHN-IE-2014-410.

REMARK

The type locality of *Z. alfredi* (Bay of Bengal, *Investigator* Survey, 2379-2525 m) is the only known locality of the species.

alveolatus Perrier, 1875, *Pentaceros* (Fig. 3)

Pentaceros alveolatus Perrier, 1875: 243.

Pentaceraster alveolatus – Clark 1993: 310.

CURRENT STATUS. — *Pentaceraster alveolatus* (Perrier, 1875).

TYPE MATERIAL. — New Caledonia • 3 syntypes; Germain leg.; MNHN-IE-2014-479.

alveolatus Perrier, 1894, *Pteraster*

Pteraster alveolatus Perrier, 1894: 183, pl. 13, fig. 1a, b. — Clark & Downey 1992: 327.

CURRENT STATUS. — *Pteraster alveolatus* Perrier, 1894.

TYPE MATERIAL. — Atlantic Ocean • holotype (fragments); station 134; *Talisman* expedition; 1883; 42°29'N, 23°36'W; depth 4060 m; MNHN-IE-2014-87.

amezianae O'Loughlin & Rowe, 2006, *Ailsastra*

Ailsastra amezianae O'Loughlin & Rowe, 2006: 183, figs 2b, 3b, 4d-f.

CURRENT STATUS. — *Ailsastra amezianae* O'Loughlin & Rowe, 2006.

TYPE MATERIAL. — Madagascar • holotype; Nosy Bé; MNHN-IE-2014-490 • 1 paratype, same as for preceding; MNHN-IE-2014-492.

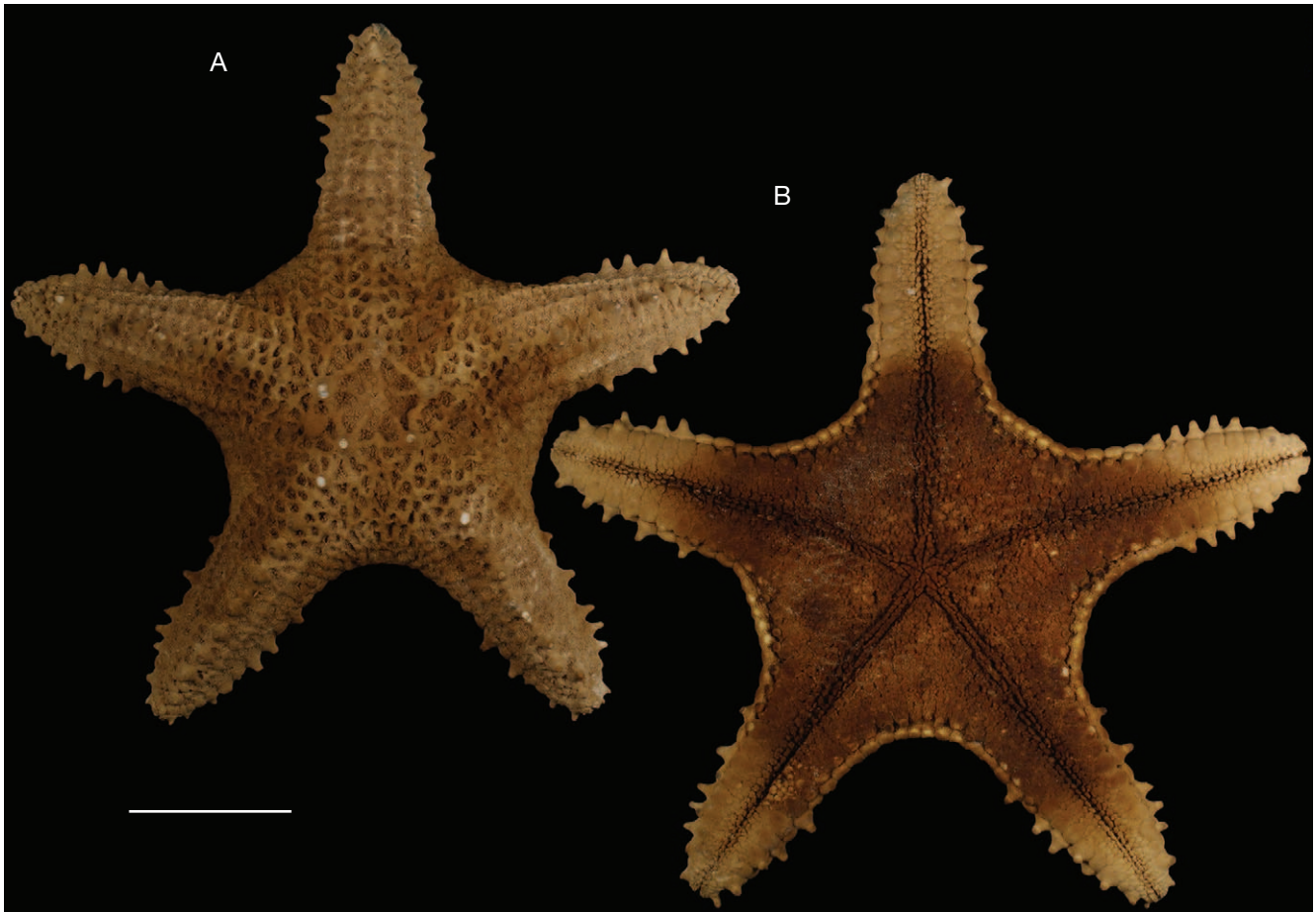


FIG. 3. — *Pentaceros alveolatus* Perrier, 1875: **A**, abactinal; **B**, actinal surface of a syntype; MNHN-IE-2014-479. Scale bar: 50 mm.

andamanica Wood-Masson & Alcock, 1891, *Brisinga*

Brisinga andamanica Wood-Masson & Alcock, 1891: 439. — Mah in Clark & Mah 2001: 313.

CURRENT STATUS. — *Brisinga andamanica* Wood-Masson & Alcock, 1891.

TYPE MATERIAL. — **Andaman sea** • 1 syntype (seven arms); *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-383.

REMARK

The type locality of *B. andamanica* (Andaman Sea, *Investigator* Survey, Station 116, 741 m) is the only known locality of the species (Clark & Mah 2001).

angulatus Müller & Troschel, 1842, *Archaster*

Archaster angulatus part Müller & Troschel, 1842: 66.

Archaster lorioli – Clark 1993: 239.

CURRENT STATUS. — *Archaster lorioli* Sukarno & Jangoux, 1977.

TYPE MATERIAL. — **Mauritius** • 2 syntypes; Desjardins leg.; MNHN-IE-2014-474 • 2 syntypes; same as for preceding; MNHN-IE-2014-220.

REMARK

The Paris specimens identified *A. angulatus* by Müller & Troschel (1842) was collected from Mauritius. Dujardin & Hupé (1862) mentioned that individuals of *A. angulatus* originated from either Java, Mauritius or New Holland (Australia). In fact, three different *Archaster* species inhabit these areas: Java (*A. typicus* Müller & Troschel, 1840), Mauritius (*A. lorioli*), west Australia (*A. angulatus*) (Sukarno & Jangoux 1977).

annectens Perrier, 1894, *Astrogonium*

Astrogonium annectens Perrier, 1894: 343, pl. 23, fig. 5, pl. 24, fig. 1.

Pseudarchaster parelii – Clark & Downey 1992: 264.

CURRENT STATUS. — *Pseudarchaster parelii* (Düben & Koren, 1846).

TYPE MATERIAL. — **Atlantic Ocean** • holotype; station 71; *Travailleur* expedition; 1882; 07°50'N, 43°58'W; depth 900 m; MNHN-IE-2014-126.

antarcticus Koehler, 1905, *Cryaster*

Cryaster antarcticus Koehler, 1905: 469; 1906: 24, pl. 1, fig. 1, pl. 2, fig. 10.

Perknaster antarcticus – Clark 1993: 202.

CURRENT STATUS. — *Perknaster antarcticus* (Koehler, 1905).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; French Antarctic expedition (1903-1905); MNHN-IE-2014-272 • 2 syntypes; same as for preceding; MNHN-IE-2014-39.

REMARKS

Koehler (1906) does not give any locality for these individuals.

The species is known from the Antarctic Peninsula and the Ross Sea.

antarcticus Koehler, 1912, *Lophaster*

Lophaster antarcticus Koehler, 1912: 154; 1912a: 46, pl. 3, figs 4, 5.

Paralophaster antarcticus – Clark 1996: 189.

CURRENT STATUS. — *Paralophaster antarcticus* (Koehler, 1912).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; *Pourquoi-Pas* ? expedition (1908-1910); MNHN-IE-2014-465 • 2 syntypes; same as the preceding; MNHN-IE-2014-150.

REMARK

Koehler (1912a) reported four individuals from three different stations: dredging VI (entrance of Marguerite Bay, 67°43'S, 70°45'W, 254 m); dredging VII (68°34'S, 72°05'W, near Alexandre 1st Land, 250 m); dredging X (68°35'S, 72°40'W, near Alexandre 1st Land, 297 m).

antarcticus Ludwig, 1903, *Pedicellaster*

Pedicellaster antarcticus Ludwig, 1903: 35, pl. 4, figs 32-38.

Pedicellaster hypernotus antarcticus – Clark in Clark & Mah 2001: 240.

CURRENT STATUS. — *Pedicellaster hypernotus antarcticus* Ludwig, 1903.

TYPE MATERIAL. — **Antarctic** • 1 syntype; station 721; *Belgica* expedition; 1897-1899; 70°20'S, 83°23'W; depth 450 m; MNHN-IE-2014-359.

REMARK

One syntype is deposited in the RBINS (IG 10131, station 6) (Jangoux & Massin 1986).

antarcticus Koehler, 1917, *Pisaster*

Pisaster antarcticus Koehler, 1917: 30, pl. 9, figs 5-8, 10, 17.

Anasterias perrieri – Clark in Clark & Mah 2001: 246.

CURRENT STATUS. — *Anasterias perrieri* (E. A. Smith, 1876).

TYPE MATERIAL. — **Kerguelen** • holotype; Kerguelen; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-48.

antigorum Mah, 2017, *Neoferdina*

Neoferdina antigorum Mah, 2017: 44, fig. 14A-G.

CURRENT STATUS. — *Neoferdina antigorum* Mah, 2017.

TYPE MATERIAL. — **Solomon Islands** • 3 paratypes; *Alis* expedition; MNHN-IE-2013-6803.

antillarum Perrier, 1881, *Cribrella*

Cribrella antillarum Perrier, 1881: 8; 1884: 207, pl. 3, fig. 7.

Henricia antillarum – Clark & Downey 1992: 388.

CURRENT STATUS. — *Henricia antillarum* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 2 paratypes; station 274; Barbados; BLAKE expedition (1878-1879); depth 382 m; MNHN-IE-2014-273.

REMARK

The holotype and 3 paratypes are deposited in MCZ (holotype: MCZ 1038; paratypes: MCZ 1037, 1039 and 1058) (Clark & Downey 1992).

antonii Perrier, 1894, *Coronaster*

Coronaster antonii Perrier, 1894: 96, pl. 8, fig. 2a-d.

Coronaster volsellatus – Clark & Downey 1992: 460.

CURRENT STATUS. — *Coronaster volsellatus* (Sladen, 1889).

TYPE MATERIAL. — **Morocco** • holotype; station 10; Cape Spartel (Moroccan coast); *Talisman* expedition; 1883; 31°26'N, 09°09'W; depth 717 m; MNHN-IE-2014-252.

antonii Perrier, 1885, *Hyphalaster*

Hyphalaster antonii Perrier, 1885: 61; 1894: 232, pl. 16, fig. 1a-e.

Hyphalaster inermis – Clark & Downey 1992: 98.

CURRENT STATUS. — *Hyphalaster inermis* Sladen, 1883.

TYPE MATERIAL. — **Azores** • holotype; station 131; north-east of San Miguel; *Talisman* expedition; 1883; 38°38'N, 27°26'W; depth 2295 m; MNHN-IE-2014-199.

aphrodite Perrier, 1894, *Astrogonium*

Astrogonium aphrodite Perrier, 1894: 354, pl. 21, fig. 2, pl. 23, fig. 2.

Pseudarchaster gracilis gracilis – Clark & Downey 1992: 262.

CURRENT STATUS. — *Pseudarchaster gracilis gracilis* (Sladen, 1889).

TYPE MATERIAL. — **Sahara** • holotype; off Saharan coast; *Talisman* expedition; 1883; depth 1090 m; MNHN-IE-2014-170.

arandae Mah, 2006, *Circeaster*

Circeaster arandae Mah, 2006: 934, fig. 5A-C.

CURRENT STATUS. — *Circeaster arandae* Mah, 2006.

TYPE MATERIAL. — **Madagascar** • holotype; 13°49'S, 42°29'E; 1800-2000 m; Crosnier leg.; MNHN-IE-2014-319 • 1 paratype; same as holotype; 13°40'S, 47°32'E; depth 1600-1725 m; MNHN-IE-2014-320.

New Caledonia • 1 paratype; Biocal campaign; 24°28'S, 168°08'E; depth 2160 m; MNHN-IE-2014-322.

arenarius Perrier, 1875, *Astropecten*

Astropecten arenarius Perrier, 1875: 366.

Astropecten triseriatus triseriatus – Clark 1989: 270.

CURRENT STATUS. — *Astropecten triseriatus triseriatus* Müller & Troschel, 1843.

TYPE MATERIAL. — **Unknown locality** • holotype; MNHN-IE-2014-5.

REMARK

A. triseriatus triseriatus inhabits the south-west coast of Australia.

arenatus Perrier, 1881, *Pentagonaster*

Pentagonaster arenatus Perrier, 1881: 21; 1884: 236, pl. 7, figs 3, 4.

Nymphaster arenatus – Clark & Downey 1992: 254.

CURRENT STATUS. — *Nymphaster arenatus* (Perrier, 1881).

TYPE MATERIAL. — **Guadeloupe** • 1 paralectotype; station 173; BLAKE expedition (1878-1879); depth 1343 m; MNHN-IE-2014-392 • 1 paralectotype; station 41; same as for preceding; 23°42'N, 89°13'W; 1574 m; MNHN-IE-2014-409.

Unknown locality • 1 paralectotype; Alexander Agassiz leg.; 1878; MNHN-IE-2014-399.

REMARK

The lectotype of *Pentagonaster arenatus* is deposited in MCZ (MCZ 437) (Clark & Downey 1992).

arenosa Perrier, 1869, *Culcita*

Culcita arenosa Perrier, 1869: 66.

Culcita novaeguineae – Clark 1993: 299.

CURRENT STATUS. — *Culcita novaeguineae* Müller & Troschel, 1842.

TYPE MATERIAL. — **Hawaii** • holotype; Hawaii; *La Bonite* expedition; 1836-1837; MNHN-IE-2014-414.

armata Koehler, 1910, *Fromia*

Fromia armata Koehler, 1910: 141, pl. 16, figs 8, 9. — Clark 1993: 331.

CURRENT STATUS. — *Fromia armata* Koehler, 1910.

TYPE MATERIAL. — **Andaman** • 1 syntype; Port Blair (Andaman); Indian Museum leg.; MNHN-IE-2014-371.

armata Koehler, 1917, *Porania*

Porania armata Koehler, 1917: 43, pl. 7, figs 3, 4, 7, 12.

Porania antarctica antarctica – Clark 1993: 232.

CURRENT STATUS. — *Porania antarctica antarctica* E. A. Smith, 1876.

TYPE MATERIAL. — **Kerguelen** • 2 syntypes; Kerguelen; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-274.

articulatus Perrier, 1869, *Goniodiscus*

Goniodiscus articulatus Perrier, 1869: 87.

Anthenea viguieri – Clark 1993: 297.

CURRENT STATUS. — *Anthenea viguieri* Döderlein, 1915.

TYPE MATERIAL. — **Singapore** • 1 syntype; Singapore; MNHN-IE-2014-16.

asterinoides Perrier, 1875, *Calvasterias*

Calvasterias asterinoides Perrier, 1875: 84.

Anasterias asterinoides – Mah 2008 (Worms).

CURRENT STATUS. — *Anasterias asterinoides* (Perrier, 1875).

TYPE MATERIAL. — **Unknown origins** • 1 syntype; unknown locality, *L'Astrolabe* & *La Zélée* expedition; 1837-1840; Hombron & Jacquiot leg.; MNHN-IE-2014-380 • 5 syntypes; same as for preceding; MNHN-IE-2014-374 • 1 syntype; same as for preceding; MNHN-IE-2014-387.

REMARK

The species is from Antarctic waters. According to Sladen (1889), the locality (Torrès Strait) mentioned by Perrier (1875) is not correct.

astrologorum Müller & Troschel, 1842, *Astrogonium*

Astrogonium astrologorum Müller & Troschel, 1842: 54.

Tosia australis – Clark 1993: 288.

CURRENT STATUS. — *Tosia australis* Gray, 1840.

TYPE MATERIAL. — **Australia** • 1 syntype; New Holland; *L'Astrolabe* expedition; 1826-1829; Quoy & Gaimard leg.; MNHN-IE-2014-18 • 3 syntypes; same as for preceding; MNHN-IE-2014-54 • 2 syntypes; same as for preceding; MNHN-IE-2014-495 • 7 syntypes; same as for preceding; MNHN-IE-2014-228.

attenuatus Jangoux, 1984, *Euretaster*

Euretaster attenuatus Jangoux, 1984: 287, pl. 2, fig. A-E. — Clark 1996: 199.

CURRENT STATUS. — *Euretaster attenuatus* Jangoux, 1984.

TYPE MATERIAL. — **New Caledonia** • 1 paratype; Iré Bay (south lagoon); depth 20 m; MNHN-IE-2014-85 • 4 paratypes; same as for preceding; MNHN-IE-2014-105.

REMARK

The holotype of *E. attenuatus* (former no. ECAH 4658) could not be found in the MNHN.

* *attenuatus* Perrier, 1869, *Ophidiaster*

Ophidiaster attenuatus Perrier, 1869: 60.

CURRENT STATUS. — *Nardoa* sp., according to Clark (1993): 346.

attenuatus Fisher, 1906, *Psilaster*

Psilaster attenuatus Fisher, 1906: 1019, pl. 3, fig. 3a-d, pl. 7, fig. 4, pl. 8, fig. 1. — Clark 1989: 290.

CURRENT STATUS. — *Psilaster attenuatus* Fisher, 1906.

TYPE MATERIAL. — **Hawaii** • 1 paratype; north coast of Maui Island; depth 560 m; MNHN-IE-2014-333.

REMARK

Holotype deposited in USNM (ref. 21149) (Fisher 1906).

aurantiacus Koehler, 1912, *Perknaster*

Perknaster aurantiacus Koehler, 1912: 153; 1912a: 36, pl. 3, fig. 9, pl. 4, fig. 1. — Clark 1993: 202.

CURRENT STATUS. — *Perknaster aurantiacus* Koehler, 1912.

TYPE MATERIAL. — **Antarctic** • 1 syntype; *Pourquoi-Pas?* expedition; 1908-1910; unspecified locality; MNHN-IE-2014-435 • 2 syntypes; same as for preceding; MNHN-IE-2014-462 • 1 syntype; same as for preceding; MNHN-IE-2014-20 • 1 syntype; same as for preceding; MNHN-IE-2014-436.

REMARK

According to Koehler (1912a) the type series consists of five specimens collected in Peltier Channel: between Goetschy and Doumer Islands, 92 m (1 specimen); entrance of Marguerite Bay, 67°43'S, 70°45'W, 254 m (1 specimen); near Alexandre 1st Land, 68°34'S, 72°05'W, 250 m (2 specimens); and south of Jenny Island, 68°00'S, 70°02'W, 250 m (1 specimen).

aurorae Koehler, 1920, *Cryaster*

Cryaster aurorae Koehler, 1920: 120, pl. 27, figs 1-3, 5, 6, pl. 28, figs 1-11, pl. 29, figs 2-6, pl. 30, figs 2-5.

Perknaster aurorae – Clark 1993: 202.

CURRENT STATUS. — *Perknaster aurorae* (Koehler, 1920).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; station 7; Australasian Antarctic expedition; 1911-1914; 65°42'S, 141°39'E; depth 110 m; MNHN-IE-2014-430.

REMARK

Nine syntypes are deposited in AM (ref. J3659 [1 syntype] and J3658 [8 syntypes]) (Rowe & Pawson 1977).

australis Perrier, 1891, *Crossaster*

Crossaster australis Perrier, 1891: 113, pl. 12, fig. 3a, b.

Solaster regularis regularis – Clark 1996: 194.

CURRENT STATUS. — *Solaster regularis regularis* Sladen, 1889.

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • 1 syntype; Cape Horn expedition (1882-1883), north-west of Vanverlandt; depth 143 m; MNHN-IE-2014-394 • 1 syntype; same as for preceding; MNHN-IE-2014-416 • 1 syntype; same as for preceding; MNHN-IE-2014-422 • 1 syntype; same as for preceding; Beagle Channel; 198 m; MNHN-IE-2014-395 • 1 syntype; same as for preceding; Bouchier Bay; depth 140 m; MNHN-IE-2014-406 • 1 syntype; same as for preceding; north-west of Grévy Island; depth 65 m; MNHN-IE-2014-419.

austrogranularis Perrier, 1891, *Pentagonaster*

Pentagonaster austrogranularis Perrier, 1891: 113, pl. 12, fig. 3a, b.

Ceremaster patagonicus patagonicus – Clark 1993: 249.

CURRENT STATUS. — *Ceremaster patagonicus patagonicus* (Sladen, 1889).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; New Year Sound; Cape Horn expedition (1882-1883); 340 m; MNHN-IE-2014-86.

balansae Perrier, 1875, *Fromia*

Fromia balansae Perrier, 1875: 178 – Koehler 1910: 140, pl. 18, figs 7, 8 [pictures of Perrier's type]; Clark 1993: 331.

CURRENT STATUS. — *Fromia balansae* Perrier, 1875.

TYPE MATERIAL. — **New Caledonia** • holotype; Balansa leg.; MNHN-IE-2014-132.

barathri Alcock, 1893, *Zoroaster*
(Fig. 4)

Zoroaster barathri Alcock, 1893a: 103. — Clark in Clark & Mah 2001: 233.

CURRENT STATUS. — *Zoroaster barathri* Alcock, 1893.



FIG. 4. — *Zoroaster barathri* Alcock, 1893: **A**, abactinal; **B**, actinal surfaces of the syntype; MNHN-IE-2014-413. Scale bar: 10 mm.

TYPE MATERIAL. — Bay of Bengal • 1 syntype, *Investigator* Survey; Carpenter ridge; Indian Museum leg.; MNHN-IE-2014-413.

REMARK

The type locality of *Z. barathri* (Bay of Bengal, *Investigator* Survey, 2790 m) is the only known locality of the species.

barbadensis Perrier, 1881, *Luidia*

Luidia barbadensis Perrier, 1881: 29. — Clark & Downey 1992: 11.

CURRENT STATUS. — *Luidia barbadensis* Perrier, 1881.

TYPE MATERIAL. — Caribbean Sea • 1 syntype; Barbados; BLAKE expedition (1878-1879); MNHN-IE-2014-724.

REMARKS

According to Clark (1989), *L. barbadensis* Perrier, 1881 is a valid species. She reports, however, that the illustrated specimen identified *L. barbadensis* by Perrier (1884: 267, pl. 10, figs 7, 8) belongs to the subspecies *Luidia sarsi elegans* Perrier, 1875.

Various syntypes in the MCZ (MCZ 316) (Clark & Downey 1992).

batheri Koehler, 1909, *Sidonaster*

Sidonaster batheri Koehler, 1909: 40, pl. 1, fig. 4, pl. 2, fig. 5, pl. 4, fig. 8.

Sidonaster vaneyi – Clark 1989: 302.

CURRENT STATUS. — *Sidonaster vaneyi* Koehler, 1909.

TYPE MATERIAL. — Arabian sea • 1 syntype; *Investigator* Survey; unspecified locality; MNHN-IE-2014-346

REMARK

Koehler (1909) reported that eleven individuals were collected in nine stations between 7°28'N, 79°20'E and 24°16'N, 60°26'E at deep from 1224 to 2077 m.

becca Mah, 2007, *Eknomiaster*

Eknomiaster becca Mah, 2007: 316, fig. 2D-F.

CURRENT STATUS. — *Eknomiaster becca* Mah, 2007.

TYPE MATERIAL. — New Caledonia • holotype; Norfolk Ridge; *Bathus 3* campaign; 23°45'S, 168°16'E; 478-486 m; MNHN-

IE-2014-309 • 1 paratype; *Alis* campaign; 23°21'S, 168°04'E, 215-260 m; MNHN-IE-2014-310 • 1 paratype; station CP 194; MUSORSTOM 4 expedition; 18°53'S, 163°22'E; 550 m; MNHN-IE-2014-297.

bengalensis Wood-Mason & Alcock, 1891, *Brisinga*

Brisinga bengalensis Wood-Mason & Alcock, 1891: 439. — Mah in Clark & Mah 2001: 313.

CURRENT STATUS. — *Brisinga bengalensis* Wood-Mason & Alcock, 1891.

TYPE MATERIAL. — **Bay of Bengal** • 1 syntype; *Investigator* Survey; unspecified locality; Indian Museum leg.; MNHN-IE-2014-384.

REMARK

The type locality of *B. bengalensis* (*Investigator* survey, station 112, Bay of Bengal, 1027 m) is the only known locality of the species.

bicornutus Lane & Rowe, 2009, *Asterodiscides*

Asterodiscides bicornutus Lane & Rowe, 2009: 421, figs 1A-F, 2A, B, 3, 4.

CURRENT STATUS. — *Asterodiscides bicornutus* Lane & Rowe, 2009.

TYPE MATERIAL. — **Vanuatu** • holotype; station AT 076; north-west of Malo Island; Santo expedition; 2006; 15°38'S, 167°04'E; depth 105-135 m; MNHN-IE-2007-2507.

biomaglo Mah, 2018 *Sphaeriodiscus*

Sphaeriodiscus biomaglo Mah, 2018: 82.

CURRENT STATUS. — *Sphaeriodiscus biomaglo* Mah, 2018.

TYPE MATERIAL. — **Western Indian Ocean** • holotype; 12°23'S, 43°33'E; depth 420-388 m; Biomaglo expedition; MNHN-IE-2013-17197. **Comoros** • paratype; off south-east coast of Mayotte; Biomaglo expedition; MNHN-IE-2013-17185.

biseriatus Koehler, 1905, *Granaster*

Granaster biseriatus Koehler, 1905: 466; 1906: p. 11, pl. 1, fig. 6, pl. 4, fig. 42.

Granaster nutrix – Clark in Clark & Mah 2001: 277.

CURRENT STATUS. — *Granaster nutrix* (Studer, 1885).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; Booth-Wandel Island; French Antarctic expedition (1903-1905); MNHN-IE-2014-260 • 1 syntype; same as for preceding; MNHN-IE-2014-262 • 1 syntype; same as for preceding; MNHN-IE-2014-259 • 1 syntype; same as for preceding; MNHN-IE-2014-600.

REMARK

According to Koehler (1906), the type series consists of six individuals coming from Booth-Wandel Island (four specimens) and Howgaard Island (two specimens).

bongraini Koehler, 1912, *Autasterias*

Autasterias bongraini Koehler, 1912: 152; 1912a: 26, pl. 2, figs 10, 11.

Notasterias bongraini – Clark in Clark & Mah 2001: 292.

CURRENT STATUS. — *Notasterias bongraini* (Koehler, 1912).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; Admiralty Bay (King Georges II Island, South Shetland); *Pourquoi-Pas?* expedition (1908-1910); depth 420 m; MNHN-IE-2014-56.

bonnieri Koehler, 1905, *Astropecten*

Astropecten bonnieri Koehler, 1905a: 462, figs 2, 3a-c. — Dollfus 1974: 1449, pl. 1A, B.

Astropecten hemprichi – Clark 1989: 259.

CURRENT STATUS. — *Astropecten hemprichi* Müller & Troschel, 1842.

TYPE MATERIAL. — **Oman** • holotype; Persian Gulf (off Oman); Bonnier & Pérez leg.; 1903; MNHN-IE-2014-178.

REMARK

Dollfus (1974) illustrates the holotype of *A. bonnieri*. He corrects the type locality which is not 'Red Sea' as Koehler (1905a) wrote but rather the Persian Gulf (25°10'N, 55°10'E, 15 miles off Oman coast, 18-29 m).

bootes Müller & Troschel, 1842, *Asteracanthion*

Asteracanthion bootes Müller & Troschel 1842: 17.

Asterias rubens Linnaeus, 1758: 661.

CURRENT STATUS. — *Asterias rubens* Linnaeus, 1758.

TYPE MATERIAL. — **Unknown origin** • holotype; MNHN-IE-2014-531.

REMARK

According to Dujardin & Hupé (1862) the species inhabits the North Sea and the coasts of Greenland.

borbonica Perrier, 1875, *Asterias*

Asterias borbonica Perrier, 1875: 61. — Clark in Clark & Mah 2001: 252.

Othilia purpureus Gray, 1840: 282, n. syn.

CURRENT STATUS. — *Echinaster purpureus* (Gray, 1840).

TYPE MATERIAL. — **Réunion Island** • holotype; Maillard leg.; 1862; MNHN-IE-2014-639.

REMARK

A. borbonica holotype is a juvenile specimen having the appearance and skeletal organization of an echinasterid individual. Its reticulated abactinal skeleton tends to arrange in longitudinal series as in some *Echinaster* species. Giving its



FIG. 5. — *Linckia bouvieri* Perrier, 1875: **A**, abactinal; **B**, actinal surfaces of a syntype, MNHN-IE-2013-4450. Scale bar: 20 mm.

geographical origin, *A. borbonica* could belong to the species *Echinaster purpureus*.

* *borealis* Perrier, 1875, *Asterias*

Asterias borealis Perrier, 1875: 59.

Leptasterias polaris polaris – Clark in Clark & Mah 2001: 285.

CURRENT STATUS. — *Leptasterias polaris polaris* (Müller & Troschel, 1842).

REMARK

Perrier's species originates from Caribou Island (Labrador).

bourgeti Perrier, 1885, *Stephanaster*

Stephanaster bourgeti Perrier, 1885: 31; 1894: 403, pl. 26, fig. 1a-b.

Sphaeriodiscus bourgeti – Clark 1993: 284.

CURRENT STATUS. — *Sphaeriodiscus bourgeti* (Perrier, 1885).

TYPE MATERIAL. — Cape Verde Islands • 5 paralectotypes; station 110; *Talisman* expedition; 1883; 16°53'N, 27°30'W; 450 m;

MNHN-IE-2014-240 • 1 paralectotype; same as for preceding; MNHN-IE-2014-202 • 6 paralectotype; same as for preceding; station 111; MNHN-IE-2014-226 • 1 paralectotype; same as for preceding; unspecified locality; MNHN-IE-2014-181.

REMARK

Lectotype deposited in MCZ (MCZ 422) (Clark & Downey 1992).

bouvieri Perrier, 1875, *Linckia*
(Fig. 5)

Linckia bouvieri Perrier, 1875: 150. — Clark & Downey 1992: 275.

CURRENT STATUS. — *Linckia bouvieri* Perrier, 1875.

TYPE MATERIAL. — Cape Verde Islands • 2 syntypes; Bouvier leg.; 1873; MNHN-IE-2013-4450.

* *brachiata* Perrier, 1875, *Asterias*

Asterias brachiata Perrier, 1875: 65.

Evasterias troscheli – Clark in Clark & Mah 2001: 252.

CURRENT STATUS. — *Evasterias troscheli* (Stimpson, 1863).

brachiatus Koehler, 1917, *Pteraster*

Pteraster brachiatus Koehler, 1917: 49, pl. 7, figs 1, 2, 6, pl. 10, figs 6-10.

Pteraster affinis affinis – Clark 1996: 207.

CURRENT STATUS. — *Pteraster affinis affinis* E. A. Smith, 1876.

TYPE MATERIAL. — **Kerguelen** • 2 syntypes; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-491 • 2 syntypes; same as for preceding; MNHN-IE-2014-267.

brevispinus seychellesensis Jangoux & Aziz, 1984,
Acanthaster

Acanthaster brevispinus seychellesensis Jangoux & Aziz, 1984: 868, pl. 4, fig. C-D. — Clark 1993: 323.

CURRENT STATUS. — *Acanthaster brevispinus seychellesensis* Jangoux & Aziz, 1984.

TYPE MATERIAL. — **Seychelles** • holotype; station 26; Coriolis campaign; 1980; 4°57'S, 55°10'E; depth 63 m; MNHN-IE-2014-74.

brucei Koehler, 1908, *Stolasterias*

Stolasterias brucei Koehler, 1908a: 569, pl. 5, figs 46, 47.

Diplasterias brucei – Clark in Clark & Mah 2001: 274.

CURRENT STATUS. — *Diplasterias brucei* (Koehler, 1908).

TYPE MATERIAL. — **Antarctic** • 5 syntypes; Scotia Bay (South Orkney Islands); Scottish Antarctic expedition; 1902-1904; MNHN-IE-2014-378.

REMARKS

Koehler's original description mentions three specimens (Scotia Bay, South Orcads, 18 m). Yet five specimens occur in the MNHN with a single label indicating they are from the type locality.

Various syntypes (15) are housed in the RSM (Ref. 1921.143.1232) (Smalon *et al.* 1976).

calcar var. *hexagona* Lamarck, 1816, *Asterias*

Asterias calcar var. *hexagona* Lamarck, 1816: 557. — Jangoux 2021: 216.

Meridiastra gunni – O'Loughlin & Waters 2004: 3.

CURRENT STATUS. — *Meridiastra gunni* (Gray, 1840).

TYPE MATERIAL. — **Australia** • holotype; King George Sound (Albany); Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-458.

REMARKS

Photographs and drawings of *A. calcar* var. *hexagona* holotype are presented in Jangoux (2021: 220, fig. 5).

A. calcar var. *hexagona* holotype was not recognized by Müller & Troschel (1842: 43) who described it as one of the type specimens of a new species (*Asteriscus australis*).

calcar var. *octogona* Lamarck, 1816, *Asterias*

Asterias calcar var. *octogona* Lamarck, 1816: 557. — Jangoux 2021: 215.

Meridiastra calcar – O'Loughlin & Waters 2004: 3.

CURRENT STATUS. — *Meridiastra calcar* (Lamarck, 1816).

TYPE MATERIAL. — **Australia** • holotype. King George Sound (Albany); Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-248.

REMARKS

Photographs and drawings of *A. calcar* var. *octogona* holotype are presented in Jangoux (2021: 219, fig. 4).

A. calcar var. *octogona* holotype was not recognized by Müller & Troschel (1842: 43) who described it as one of the type specimens of a new species (*Asteriscus australis*).

calcar var. *quinqueangula* Lamarck, 1816, *Asterias*

Asterias calcar var. *quinqueangula* Lamarck, 1816: 557.

Parvulastra exigua – Jangoux 2021: 217, 228.

CURRENT STATUS. — *Parvulastra exigua* (Lamarck, 1816).

TYPE MATERIAL. — **Australia** • 4 syntypes; King George Sound (Albany); Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-30.

REMARK

Photographs and drawings of *A. calcar* var. *quinqueangulata* type specimens are presented in Jangoux (2021: 228, fig. 15).

calcaratus, Perrier 1869, *Asteriscus*
(Fig. 6)

Asteriscus calcaratus Perrier 1869: 100.

Patiriella calcarata – Clark 1993: 225.

CURRENT STATUS. — *Patiriella calcarata* (Perrier, 1869).

TYPE MATERIAL. — **Chile** • holotype; Valparaiso; Gay leg.; 1828; MNHN-IE-2014-443.

candicans Ludwig, 1903, *Stolasterias*
(Fig. 7)

Stolasterias candicans Ludwig, 1903: 41.

Notasterias candicans – Clark in Clark & Mah 2001: 2923.

CURRENT STATUS. — *Notasterias candicans* (Ludwig, 1903).



FIG. 6. — *Asteriscus calcaratus* Perrier, 1869: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-443. Scale bar: 10 mm.

TYPE MATERIAL. — **Antarctic** • 1 syntype, *Belgica* expedition (1897-1899); 70°23'S, 82°47'W; depth 450 m; MNHN-IE-2014-447.

REMARK

One syntype in the RBINS (IG 10131, station 7, 70°15'S, 84°06'W, 560 m) (Jangoux & Massin 1986).

**calcitrapa* var. 1 Lamarck, 1816, *Asterias*

Asterias calcitrapa var. 1 Lamarck, 1816: 563.

Bollonaster pectinatus – Jangoux 2021: 221.

CURRENT STATUS. — *Bollonaster pectinatus* (Sladen, 1883).

REMARK

Original drawings of *A. calcitrapa* var. 1 are presented in Jangoux (2021: 221, fig. 6).

**calcitrapa* var. 2 Lamarck, 1816, *Asterias*

Asterias calcitrapa var. 2 Lamarck, 1816: 563.

Astropecten vappa – Jangoux 2021: 221.

CURRENT STATUS. — *Astropecten vappa* Müller & Troschel, 1843.

REMARK

Original drawings of *A. calcitrapa* var. 2 are presented in Jangoux (2021: 222, fig. 7).

canopus Perrier, 1875, *Heliaster*

Heliaster canopus Perrier, 1875: 88 – Clark in Clark & Mah 2001: 307.

CURRENT STATUS. — *Heliaster canopus* Perrier, 1875.

TYPE MATERIAL. — **Chile** • 2 syntypes; Juan Fernandez Island; *L'Astrolabe* & *La Zélée* expedition; 1837-1840; Hombron & Jacquinot leg.; MNHN-IE-2014-424.

REMARK

Perrier (1875) himself strongly doubts the validity of his species saying it could be a juvenile of *Heliaster helianthus* (Lamarck, 1816).

capillatus Jangoux, 1981, *Cheiraster*

Cheiraster capillatus Jangoux, 1981: 463, pl. 2, figs 1-5. — Clark 1989: 313.

CURRENT STATUS. — *Cheiraster capillatus* Jangoux, 1981.

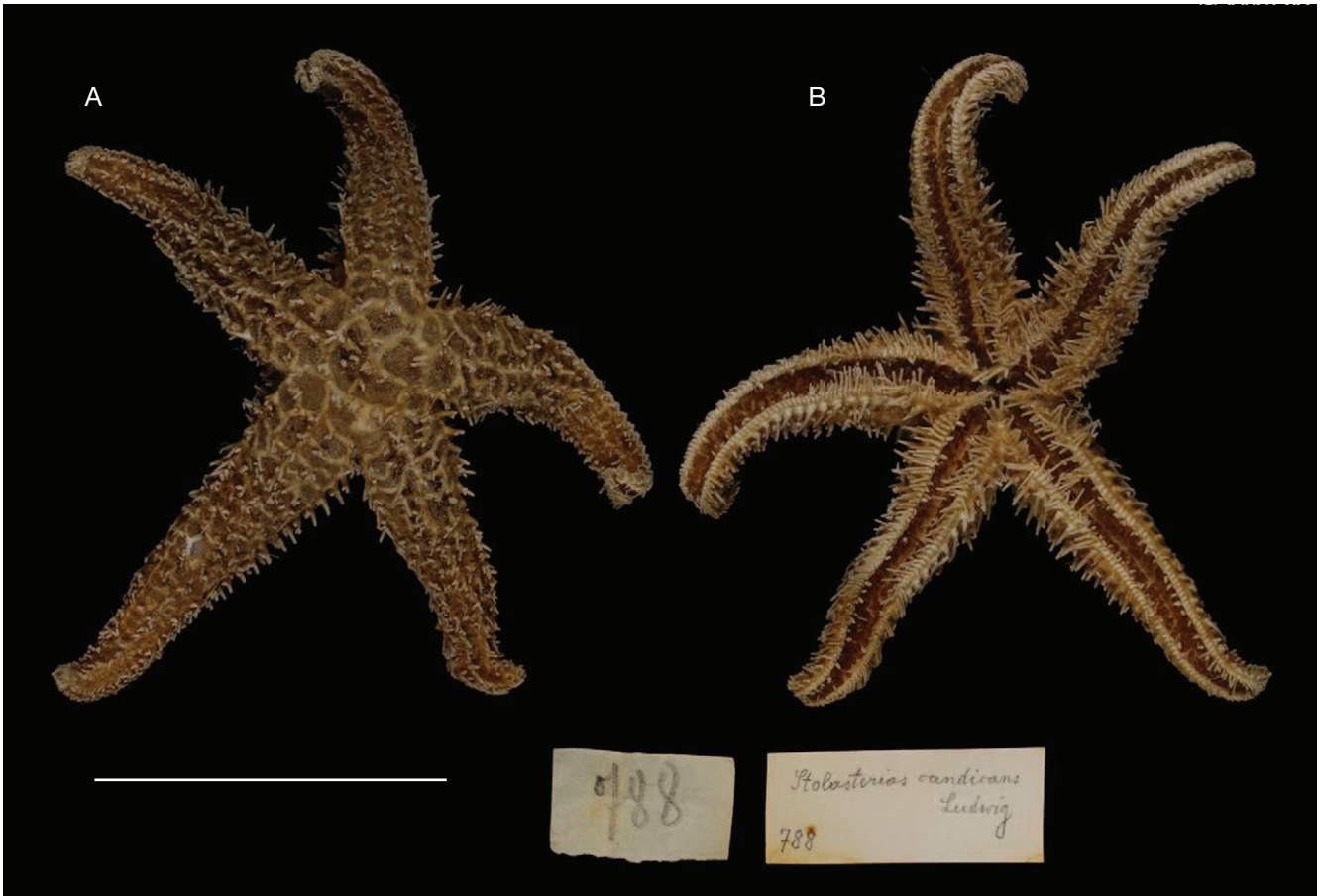


FIG. 7. — *Stolasterias candicans* Ludwig, 1803: **A**, abactinal; **B**, actinal surfaces of the syntype; MNHN-IE-2014-447. Scale bar: 20 mm.

TYPE MATERIAL. — **Philippines** • holotype; station 51; MUSOR-STOM expedition; 1976; 13°49'N, 120°04'E; depth 129 m; MNHN-IE-2014-4386.

capitatus Koehler, 1912, *Odontaster*

Odontaster capitatus Koehler, 1912: 156; 1912a 82, pl. 6, figs 5, 8, 9, 11.

Acodontaster elongatus – Clark 1993: 190.

CURRENT STATUS. — *Acodontaster elongatus* (Sladen, 1889).

TYPE MATERIAL. — **Antarctic** • holotype; Marguerite Bay; *Pourquoi-Pas?* expedition; 1908-1910; 67°43'S, 70°46'W; depth 254 m; MNHN-IE-2014-68.

carinata Koehler, 1910, *Nardoa*

Nardoa carinata Koehler, 1910: 165, pl. 15, fig. 6, pl. 16, figs 10, 11.

Heteronardoa carinata – Clark 1993: 334.

CURRENT STATUS. — *Heteronardoa carinata* (Koehler, 1910).

TYPE MATERIAL. — **Andaman** • 1 syntype; depth 18-64 m; Indian Museum leg.; MNHN-IE-2014-136.

**carinifera* Lamarck, 1816, *Asterias*

Asterias carinifera Lamarck, 1816: 556. — Jangoux 2021: 223.

Asteropsis carinifera – Clark 1993: 320.

CURRENT STATUS. — *Asteropsis carinifera* (Lamarck, 1816).

REMARK

Original drawings of *A. carinifera* holotype are presented in Jangoux (2021: 222, fig. 8).

cephus Müller & Troschel, 1842, *Asteriscus* (Fig. 8)

Asteriscus cepheus Müller & Troschel, 1842: 41.

Aquilonastra cepheus – O'Loughlin & Rowe 2006: 270.

CURRENT STATUS. — *Aquilonastra cepheus* (Müller & Troschel, 1842).

TYPE MATERIAL. — **Java** • holotype; Batavia (Jakarta); Reynaud leg.; 1829; MNHN-IE-2014-98.



FIG. 8. — *Asteriscus cepheus* Müller & Troschel, 1842; **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-98. Scale bar: 20 mm.

chantalae O’Loughlin & Mackenzie, 2006,
Aquilonastra

Aquilonastra chantalae O’Loughlin & Mackenzie, 2013: 177, figs 1, 2.

CURRENT STATUS. — *Aquilonastra chantalae* O’Loughlin & Mackenzie, 2013.

TYPE MATERIAL. — **Mozambique Channel** • holotype; Europa Island; Chantal Conand leg.; MNHN-IE-2013-617 • 11 paratypes; same as holotype; MNHN-IE-2013-618.

chaos Mah, 2018, *Calliaster*

Calliaster chaos Mah, 2018: 18, fig. 5.

CURRENT STATUS. — *Calliaster chaos* Mah, 2018.

TYPE MATERIAL. — **Madagascar** • holotype; shrimp expedition 1985; 22°18S-43°6'E; depth 350 m; MNHN-IE-2013-6998 • 1 paratype; same as for holotype; MNHN-IE-2013-6999.

charcoti Koehler, 1912, *Cryaster*

Cryaster charcoti Koehler, 1912a: 152; 1912b: 33, pl. 2, figs 8, 9, pl. 3, fig. 8.

Perknaster charcoti – Clark 1993: 203.

CURRENT STATUS. — *Perknaster charcoti* (Koehler, 1912).

TYPE MATERIAL. — **Antarctic** • holotype; Peterman Island (Antarctic Peninsula); *Pourquoi-Pas?* expedition (1908-1910); MNHN-IE-2014-285.

charcoti Koehler, 1905, *Ripaster*

Ripaster charcoti Koehler, 1905: 467; 1906: 4, pl. 3, figs 30, 21, 31, 32.

Psilaster charcoti – Clark 1989: 290.

CURRENT STATUS. — *Psilaster charcoti* (Koehler, 1906).

TYPE MATERIAL. — **Antarctic** • 1 syntype; Biscoe Bay; French Antarctic expedition; 1903-1905; MNHN-IE-2014-176 • 1 syntype; Booth-Wandel Island (Bay of Carthage); same as for preceding; MNHN-IE-2014-478 • 2 syntypes; MNHN-IE-2014-8 • 1 syntype; same as for preceding; MNHN-IE-2014-46.

REMARK

Nine specimens were collected according to Koehler (1906): Wincke Island (2 specimens), Booth-Wandel Island (3 specimens), Biscoe Bay (1 specimen), and unspecified locality (3 specimens).

chardyi Sibuet, 1975, *Benthopecten*

Benthopecten chardyi Sibuet, 1975: 287 fig. 1, pl. 1, fig. B, D.

Benthopecten simplex chardyi – Clark & Downey 1992: 123.

CURRENT STATUS. — *Benthopecten simplex chardyi* Sibuet, 1975.

TYPE MATERIAL. — South Atlantic Ocean • holotype; 2°28'S, 8°17'E; MNHN-IE-2014-481.

cherbonnieri Rowe, 1985, *Asterodiscides*

Asterodiscides cherbonnieri Rowe, 1985: 542, pl. 1D-F. — Clark 1993: 291.

CURRENT STATUS. — *Asterodiscides cherbonnieri* Rowe, 1985.

TYPE MATERIAL. — Madagascar • holotype; south-east coast of Madagascar; 26°08'S, 45°42'E; MNHN-IE-2013-6752 • 1 paratype; same as holotype; MNHN-IE-2013-6753 • 1 paratype; same as holotype; 25°45'S, 44°34'E; MNHN-IE-2014-64.

chinensis Perrier, 1875, *Ophidiaster*

Ophidiaster chinensis Perrier, 1875: 123. — Clark 1993: 346.

Ophidiaster granifer Lütken, 1871: 276, n. syn.

CURRENT STATUS. — *Ophidiaster granifer* Lütken, 1871.

TYPE MATERIAL. — China • 2 syntypes; Canton; Dabry leg.; 1872; MNHN-IE-2014-638.

REMARK

The proposed synonymy is based on the shape and distribution of abactinal granules, a feature strongly reminiscent of *O. granifer* (Clark & Rowe 1971).

clarki Koehler, 1909, *Odinia*

Odinia clarki Koehler, 1909: 120, pl. 12, figs 4-6.

Novodinia clarki – Mah in Clark & Mah 2001: 310.

CURRENT STATUS. — *Novodinia clarki* (Koehler, 1909).

TYPE MATERIAL. — Arabian sea • 1 syntype (three arms); Indian Museum leg.; MNHN-IE-2014-388 • 1 syntype; same as for preceding; MNHN-IE-2014-3853.

REMARK

The type locality of *O. clarki* (*Investigator* Survey, station 217, Arabian Sea, 6°57'N, 72°54'E, 840 m) is the only known locality of the species.

clavigera Lamarck, 1816, *Asterias*

Asterias clavigera Lamarck, 1816: 562

Mithrodia clavigera – Clark 1993: 324. — Jangoux 2021: 223.

CURRENT STATUS. — *Mithrodia clavigera* (Lamarck, 1816).

TYPE MATERIAL. — Mauritius • 2 syntypes; Baudin expedition, 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-71.

REMARK

Photographs of *A. clavigera* syntype is presented in Jangoux (2021: 223, fig. 9).

clouei Perrier, 1869, *Echinaster*

Echinaster clouei Perrier, 1869: 57.

Othilia purpureus Gray, 1840: 282, n. syn.

CURRENT STATUS. — *Echinaster purpureus* (Gray, 1840).

TYPE MATERIAL. — Madagascar • 1 syntype; Captain Cloué leg.; 1847; MNHN-IE-2014-367.

REMARK

Perrier's type specimen shares all the characteristics of the common Indian Ocean species *Echinaster purpureus*, having a reticulated skeleton and abactinal plates arranged in longitudinal series.

clouei Perrier, 1869, *Oreaster*

Oreaster clouei Perrier, 1869: 79.

Protoreaster lincki : Blainville, 1830: 219, n. syn.

CURRENT STATUS. — *Protoreaster lincki* Blainville, 1830.

TYPE MATERIAL. — Madagascar • holotype; Diego Suarez; Captain Cloué leg.; 1847; MNHN-IE-2014-476.

REMARK

Perrier's type specimen shares all the characteristics of the common west Indian Ocean species *Protoreaster lincki* having laterally projecting red tipped spines on some of the distal supero-marginal plates.

coelochilus Alcock, 1893, *Persephonaster*
(Fig. 9)

Persephonaster coelochilus Alcock, 1893a: 81; 1894-1895: pl. 3, fig. 1, 1a; Clark 1989: 284.

CURRENT STATUS. — *Persephonaster coelochilus* Alcock, 1893

TYPE MATERIAL. — Andaman sea • 1 syntype; *Investigator* Survey (Indian Ocean); Indian Museum leg.; MNHN-IE-2014-115.

REMARK

The type locality of *Persephonaster coelochilus* (Andaman Sea, *Investigator* Survey, station 116, 344-402 m) is the only known locality of the species.



FIG. 9. — *Persephonaster coelochilus* Alcock, 1893: A, actinal surface; B, profile view and C, abactinal surface of the syntype; MNHN-IE-2014-115. Scale bar: 50 mm.

conandae O'Loughlin & Rowe, 2006, *Aquilonastra*

Aquilonastra conandae O'Loughlin & Rowe, 2006: 271, figs 1, 2k, 4a, 5f, 8a-b.

CURRENT STATUS. — *Aquilonastra conandae* O'Loughlin & Rowe, 2006: 271.

TYPE MATERIAL. — Réunion Island • holotype; La Saline; Chantal Conand leg.; MNHN-IE-2013-2489 • 10 paratypes; same as for holotype; MNHN-IE-2013-2488.

contorta Perrier, 1881, *Asterias*

Asterias contorta Perrier, 1881: 1; 1884: 199.

Sclerasterias contorta – Clark & Downey 1992: 449.

CURRENT STATUS. — *Sclerasterias contorta* (Perrier, 1881).

TYPE MATERIAL. — Caribbean Sea • 1 syntype; BLAKE expedition; 1878-1879; MNHN-IE-2014-389 • 1 syntype; same as for preceding; MNHN-IE-2014-108.

REMARKS

Perrier (1884) mentions several West Indies localities (Barbados, St Vincent, Montserrat, Granada, Guadeloupe, Sand-Key, Cariacou). He did not illustrate the species.

Nine syntypes are deposited in the MCZ (MCZ 1204-1207, MCZ 1476, MCZ 1478-1481) (Clark & Downey, 1992).

**corindonensis* Aziz & Jangoux, 1984, *Iconaster*

Iconaster corindonensis Aziz & Jangoux 1984: 187.

Lithosoma penichra – Mah 2005: 151.

CURRENT STATUS. — *Lithosoma penichra* Fisher, 1917.

convexiuscula Perrier, 1881, *Luidia*

Luidia convexiuscula Perrier, 1881: 29; 1884: 268, pl. 10, fig. 6.

Luidia barbadensis – Clark & Downey 1992: 11.

CURRENT STATUS. — *Luidia barbadensis* Perrier, 1881.

TYPE MATERIAL. — Caribbean Sea • 1 syntype; station 45; BLAKE expedition; 1877-1878; 25°33'N, 84°21'W; depth 185 m; MNHN-IE-2014-334.

convexus Mah, 2017, *Kanakaster*

Kanakaster convexus Mah, 2017: 27, fig. 8A-C.

CURRENT STATUS. — *Kanakaster convexus* Mah, 2017.

TYPE MATERIAL. — New Caledonia • holotype; Antigua Bank; SMIB 4 expedition; 23°20'S, 168°4'E; MNHN-IE-2013-6835.

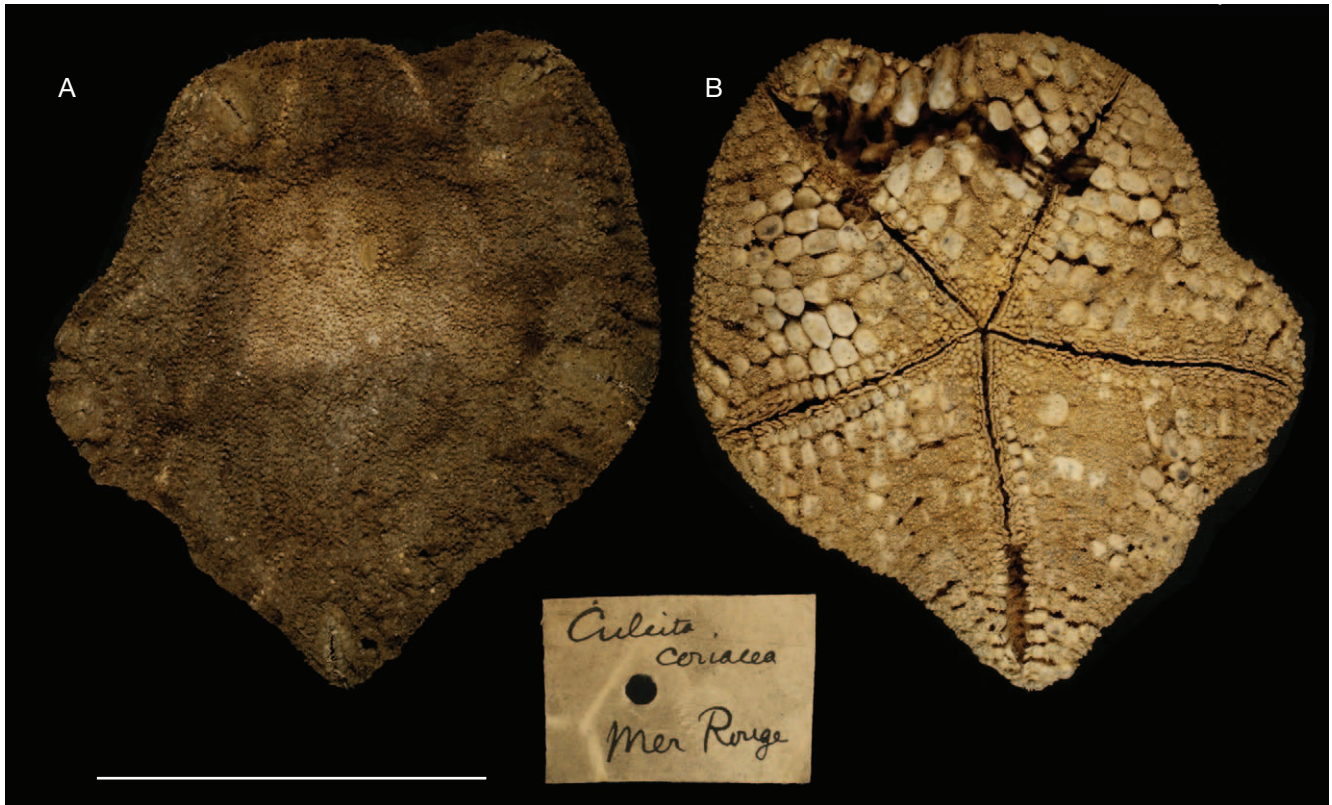


FIG. 10. — *Culcita coriacea* Müller & Troschel, 1842: **A**, abactinal; **B**, actinal surfaces of the syntype; MNHN-IE-2014-461. Scale bar: 50 mm.

convexus Jangoux, 1981, *Stellaster*

Stellaster convexus Jangoux, 1981: 472, pl. 5, figs 4-6. — Clark 1993: 285.

CURRENT STATUS. — *Stellaster convexus* Jangoux, 1981.

TYPE MATERIAL. — **Philippines** • holotype; station 53; MUSORSTOM expedition; 1976; 13°49'N, 120°04'E; depth 40-50 m; MNHN-IE-2014-41 • 6 paratypes; same as holotype; MNHN-IE-2014-35.

cordifer Perrier, 1885, *Pseudaster*

Pseudaster cordifer Perrier, 1885: 68; 1894: 235, pl. 16, fig. 3a-e.

Thoracaster cylindratus – Clark & Downey 1992: 105.

CURRENT STATUS. — *Thoracaster cylindratus* Sladen, 1883.

TYPE MATERIAL. — **Atlantic Ocean** • holotype. Station 134; *Talisman* expedition; 1883; 42°19'N, 23°36'W; depth 4060 m; MNHN-IE-2014-209.

coriacea Müller & Troschel, 1842, *Culcita*
(Fig. 10)

Culcita coriacea Müller & Troschel, 1842: 38, pl. 12, figs 1-5. — Clark 1993: 298.

CURRENT STATUS. — *Culcita coriacea* Müller & Troschel, 1842.

TYPE MATERIAL. — **Red Sea** • 1 syntype; MNHN-IE-2014-461.

coronatus Perrier, 1883, *Archaster*

Archaster coronatus Perrier, 1884: 262.

Cheiraster (Christopheraster) mirabilis – Clark & Downey 1992: 132.

CURRENT STATUS. — *Cheiraster (Christopheraster) mirabilis* Perrier, 1881.

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; BLAKE expedition; 1877-1878; MNHN-IE-2014-358.

REMARK

Of the two specimens dredged by the BLAKE, one came from off Moro Lighth (Porto Rico), the other from 23°03'N, 83°10'W. The second specimen should be housed in the MCZ.

crassus Müller & Troschel, 1842, *Echinaster*

Echinaster crassus Müller & Troschel, 1842: 23. — Clark 1996: 223.

Othilia purpureus Gray, 1840: 282, n. syn.

CURRENT STATUS. — *Echinaster purpureus* (Gray, 1840).

TYPE MATERIAL. — **Unknown origin** • holotype; MNHN-IE-2014-279.

REMARK

E. crassus inhabits Indian Seas according to Dujardin & Hupé (1862). The species shares all the characteristics of the common Indian Ocean species *Echinaster purpureus*, having a reticulated skeleton and abactinal plates arranged in longitudinal series.



FIG. 11. — *Persephonaster croceus* Wood-Mason & Alcock, 1891: **A**, abactinal; **B**, actinal surfaces of the syntype; MNHN-IE-2014-432. Scale bar: 20 mm.

crassus Cherbonnier, 1974, *Podosphaeraster*

Podosphaeraster crassus Cherbonnier, 1974: 1731.

Nymphaster arenatus – Clark 1993: 290.

CURRENT STATUS. — *Nymphaster arenatus* (Perrier 1881).

TYPE MATERIAL. — **Unknown origin** • slide samples; MNHN-IE-2005-9611 & MNHN-IE-2005-9612.

REMARK

P. crassus diagnosis is based on a fragment of *N. arenatus* (Rowe 1985a).

cremeus Ludwig, 1903, *Odontaster*

Odontaster cremeus Ludwig, 1903: 21.

Acodontaster cremeus – Clark 1993: 191.

CURRENT STATUS. — *Acodontaster cremeus* (Ludwig, 1903).

TYPE MATERIAL. — **Antarctic** • holotype; station 12; *Belgica* expedition; 71°18'S, 88°02'W; MNHN-IE-2014-446.

REMARK

The holotype was considered lost as it could not be found in the collection of the RBINS (Jangoux & Massin 1986).

croceus Wood-Mason & Alcock, 1891,
Persephonaster
(Fig. 11)

Persephonaster croceus Wood-Mason & Alcock, 1891: 430. — Clark 1989: 285.

CURRENT STATUS. — *Persephonaster croceus* Wood-Mason & Alcock, 1891.

TYPE MATERIAL. — **India** • 1 syntype; *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-432.

REMARK

The type locality of *P. croceus* (south of Cape Comorin, *Investigator* survey, station 109, 1350 m) is the only known locality of the species.

crosnieri Rowe, 1985, *Asterodiscides*

Asterodiscides crosnieri Rowe, 1985: 543, pl. 2A-C. — Clark 1993: 291.

CURRENT STATUS. — *Asterodiscides crosnieri* Rowe, 1985.

TYPE MATERIAL. — **Madagascar** • holotype; off NW coast; 15°21'S, 46°12'E; depth 150 m; Crosnier leg.; 1972; MNHN-IE-2013-6751.

ctenacantha Müller & Troschel, 1842, *Asteropsis*

Asteropsis ctenacantha Müller & Troschel, 1842: 63.

Porania pulvillus – Clark 1993: 320.

CURRENT STATUS. — *Porania pulvillus* (O. F. Müller, 1775).

TYPE MATERIAL. — **Unknown origin** • 1 syntype; MNHN-IE-2014-457.

REMARK

The species inhabits Indian Seas according to Dujardin & Hupé (1862).

cuspidata Lamarck, 1816, *Asterias*

Asterias cuspidata Lamarck, 1816: 553.

Mediaster cuspidatus – Jangoux 2021: 225.

CURRENT STATUS. — *Mediaster cuspidatus* (Lamarck, 1916).

TYPE MATERIAL. — **South Seas** • holotype; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-3.

REMARK

Photograph and original drawings of *A. cuspidata* holotype are presented in Jangoux (2021: 224, fig. 10).

cylindrica Lamarck, 1816, *Asterias*

Asterias cylindrica Lamarck, 1816: 567.

Dactylosaster cylindricus – Clark 1993: 329. — Jangoux 2021: 225.

CURRENT STATUS. — *Dactylosaster cylindricus* (Lamarck, 1816).

TYPE MATERIAL. — **Mauritius** • holotype; Baudin expedition; 1800-1804; Péron & Lesueur leg.; 1803; MNHN-IE-2014-471.

REMARK

Photograph and original drawings of *A. cylindrica* holotype are presented in Jangoux (2021: 226).

**decanus* Müller & Troschel, 1843, *Echinaster*

Echinaster decanus Müller & Troschel, 1843: 114.

Plectaster decanus – Clark 1996: 244. — Jangoux 2021: 225.

CURRENT STATUS. — *Echinaster decanus* Müller & Troschel, 1843.

REMARK

Original drawings of *A. decanus* are presented in Jangoux (2021: 227, fig. 12).

The species is distributed throughout the south coast of Australia up to Newcastle, and in Tasmania.

delicata Aziz & Jangoux, 1985, *Pseudasterina*

Pseudasterina delicata Aziz & Jangoux, 1985: 284, pl. 2, fig. A, B. — Clark 1993: 227.

CURRENT STATUS. — *Pseudasterina delicata* Aziz & Jangoux, 1985.

TYPE MATERIAL. — **Philippines** • holotype; station 32; off Mindoro; MUSORSTOM 2 expedition 1980; depth 220-192 m; MNHN-IE-2013-4352 • 1 paratype; same as for preceding; MNHN-IE-2013-4351.

dentatus Perrier, 1884, *Pentagonaster*

Pentagonaster dentatus Perrier, 1884: 242, pl. 8, fig. 3.

Plinthaster dentatus – Clark & Downey 1992: 260.

CURRENT STATUS. — *Plinthaster dentatus* (Perrier, 1884).

TYPE MATERIAL. — **Porto Rico** • 1 paratype; Morro Casilo (Morro Ligth); BLAKE expedition; 1878-1879; MNHN-IE-2014-69.

REMARK

Holotype in the MCZ (MCZ 408) (Clark & Downey 1992).

desjardinsi Michelin, 1845, *Oreaster*

Oreaster desjardinsi Michelin, 1845: 23, pl. 11.

Gomophia egyptiaca egyptiaca – Clark 1993: 433.

CURRENT STATUS. — *Gomophia egyptiaca egyptiaca* Gray, 1840.

TYPE MATERIAL. — **Mauritius** • holotype; Michelin leg.; MNHN-IE-2014-52.

dilatatus Perrier, 1875, *Pentagonaster*

Pentagonaster dilatatus Perrier, 1875: 217.

Diplodontias dilatatus – Clark 1993: 182.

CURRENT STATUS. — *Diplodontias dilatatus* (Perrier, 1875).

TYPE MATERIAL. — **New Zealand** • 1 syntype; Stewart Island; Venus transit expedition; Filhol leg.; 1875; MNHN-IE-2014-477.

REMARK

One syntype in the NHM (Perrier 1875).

**discoidea*, Lamarck, 1816, *Asterias*

Asterias discoidea Lamarck, 1816: 554.

Culcita schmideliana – Clark 1993: 298.

CURRENT STATUS. — *Culcita schmideliana* (Bruzelius, 1805).

REMARKS

Original drawings of *A. discoidea* syntype are presented in Jangoux (2021: 227, fig. 13).

discus Mah, 2017, *Kanakaster*

Kanakaster discus Mah, 2017: 30, fig. 9A-F.

CURRENT STATUS. — *Kanakaster discus* Mah, 2017.

TYPE MATERIAL. — **New Caledonia** • holotype; South of Grande Terre; MUSORSTOM 4 expedition; 22°47'S, 168°04'E; MNHN-IE-2013-6897.

**douglasi*, Perrier, 1875: 69. *Asterias*

Asterias douglasi Perrier, 1875: 69.

Leptasterias polaris katherinae – Clark in Clark & Mah 2001: 254.

CURRENT STATUS. — *Leptasterias polaris katherinae* (Gray, 1840).

dubium Perrier, 1869, *Astrogonium*

Astrogonium dubium Perrier, 1869: 85.

Goniaster tessellatus – Clark & Downey 1992: 245.

CURRENT STATUS. — *Goniaster tessellatus* Lamarck, 1816.

TYPE MATERIAL. — **Unknown origin** • holotype; MNHN-IE-2014-438.

REMARK

G. tessellatus commonly occurs in tropical Atlantic (Clark 1993).

dussumieri Perrier, 1875, *Astropecten*

Astropecten dussumieri Perrier, 1875: 371. — Clark 1989: 256.

TYPE MATERIAL. — **Unknown origin** • holotype; MNHN-IE-2014-459.

REMARK

The specimen is no more identifiable at the species level.

echinaster Perrier, 1891, *Poraniopsis*

Poraniopsis echinaster Perrier, 1891: 106, pl. 10, fig. 2a. — Clark 1993: 235.

CURRENT STATUS. — *Poraniopsis echinaster* Perrier, 1891.

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • 3 syntypes; Nassau Bay; Cape Horn expedition; 1882-1883; depth 95 m; MNHN-IE-2014-250.

echinophora Lamarck, 1816, *Asterias*

Asterias echinophora Lamarck, 1816: 560.

Echinaster (Othilia) echinophorus – Clark & Downey 1992: 367.

CURRENT STATUS. — *Echinaster (Othilia) echinophorus* (Lamarck, 1816).

TYPE MATERIAL. — **United States** • 4 syntypes; coast of Virginia; MNHN-IE-2014-72.

REMARKS

Syntypes of *A. echinophora* would originate from eastern Brazil (Clark & Downey 1992: 370).

Photographs of *A. echinophora* syntype are presented in Jangoux (2021: 227, fig. 14).

echinulatus Perrier, 1875, *Archaster*

Archaster echinulatus Perrier, 1875: 348.

Cheiraster (Barbadosaster) echinulatus – Clark & Downey 1992: 131.

CURRENT STATUS. — *Cheiraster (Barbadosaster) echinulatus* (Perrier, 1875).

TYPE MATERIAL. — **Caribbean Sea** • holotype; Barbados; Hassler campaign; Alexandre Agassiz leg.; MNHN-IE-2014-418.

echinulatus Perrier, 1881, *Marginaster*

Marginaster echinulatus Perrier, 1881: 17; 1884: 230, pl. 1, figs 6, 7.

Poraniella echinulata – Clark & Downey 1992: 290.

CURRENT STATUS. — *Poraniella echinulata* (Perrier, 1875).

TYPE MATERIAL. — **Caribbean Sea** • 3 syntypes; Barbados; BLAKE expedition; 1878-1879; depth 126 m; MNHN-IE-2014-246.

REMARK

There is no specimens of *P. echinulata* in the MCZ, that could represent types. The MNHN syntypes should represent the type series of the species.

**echinulatus*, Müller & Troschel, 1842, *Ophidiaster*

Ophidiaster echinulatus Müller & Troschel, 1842: 32.

Mithrodia clavigera – Clark 1993: 347.

CURRENT STATUS. — *Mithrodia clavigera* (Lamarck, 1816).

edwardsi Perrier, 1882, *Brisinga*

Brisinga edwardsi Perrier, 1882: 61; 1894: 82, pl. 1, fig. 7.

Colpaster edwardsi – Clark & Downey 1992: 478.

CURRENT STATUS. — *Colpaster edwardsi* (Perrier, 1882).

TYPE MATERIAL. — **Bay of Biscay** • holotype; *Travailleur* expedition; 1880; station 10; depth 2300 m; MNHN-IE-2014-192.

**edwardsi*, Perrier in Milne-Edwards, 1882, *Goniopecten*

Goniopecten edwardsi Perrier in Milne-Edwards, 1882: 46.

Plutonaster agassizi notatus – Clark & Downey 1992: 70.

CURRENT STATUS. — *Plutonaster agassizi notatus* (Sladen, 1889).

REMARK

According to Mortensen (in Clark 1989) the holotype of *G. edwardi* (Travailleur expedition 1882, station 36) was destroyed.

edwardsi Perrier, 1885, *Styracaster*

Styracaster edwardsi Perrier, 1885: 59; 1894: 220, pl. 17, fig. 3a-d.

Styracaster armatus – Clark & Downey 1992: 102.

CURRENT STATUS. — *Styracaster armatus* Sladen, 1883.

TYPE MATERIAL. — **Cape Verde Islands** • holotype; station 102; *Talisman* expedition; 1883; 15°48'N, 22°43'O; depth 3655 m; MNHN-IE-2014-661.

eleaumi O'Loughlin & Rowe, 2005, *Ailsastra*

Ailsastra eleaumi O'Loughlin & Rowe, 2005: 188.

CURRENT STATUS. — *Ailsastra eleaumi* O'Loughlin & Rowe, 2005: 188.

TYPE MATERIAL. — **Mauritius** • holotype; MNHN-IE-2014-497 • 1 paratype; same as for holotype; MNHN-IE-2014-498.

eleaumi Mah, 2018, *Astroceramus*

Astroceramus eleaumi Mah, 2018: 11.

CURRENT STATUS. — *Astroceramus eleaumi* Mah, 2018.

TYPE MATERIAL. — **Madagascar** • holotype; 12°30'S, 48°18'E; MNHN-IE-2007-1067 • paratype; 12°58'S, 47°18'E; MNHN-IE-2007-1009.

elenderae, Mah, 2018, *Wallastra*

Wallastra elenderae Mah, 2018: 98, fig. 37.

CURRENT STATUS. — *Wallastra elenderae* Mah, 2018.

TYPE MATERIAL. — **Mozambique Channel** • holotype; Geyser Bank; *Antea* expedition; depth 836-842 m; MNHN-IE-2013-17165 • 1 paratype; same as holotype; MNHN-IE-2007-1291.

elegans Jangoux, 1981, *Iconaster*

Iconaster elegans Jangoux, 1981: 467, fig. 2, pl. 3, figs 1-3. — Clark 1993: 259.

CURRENT STATUS. — *Iconaster elegans* Jangoux, 1981.

TYPE MATERIAL. — **Philippines** • holotype and paratype; station 35; MUSORSTOM I expedition (1976); 13°59'N, 120°18'E; 186 m; MNHN-IE-2014-40 • 1 paratype; station 61; same as for preceding; 14°02'N, 120°18'E; depth 202-184 m; MNHN-IE-2014-45 • 1 paratype, station 20; same as for preceding; 13°59'N, 120°20'E; depth 208-222 m; MNHN-IE-2014-44.

**elegans*, Perrier, 1875, *Luidia*

Luidia elegans Perrier, 1875: 336.

Luidia sarsi elegans – Clark & Downey 1992: 20.

CURRENT STATUS. — *Luidia sarsi elegans* Perrier, 1875.

REMARK

The holotype of *L. elegans* is from the Florida Strait (Perrier 1875).

elegans Perrier, 1885, *Odinia*

Odinia elegans Perrier, 1885: 12; 1894: 71, pl. 4, figs 1-8.

Novodinia homonyma – Clark & Downey 1992: 474.

CURRENT STATUS. — *Novodinia homonyma* Downey, 1986.

TYPE MATERIAL. — **Canary Islands** • 1 syntype; station 73; *Talisman* expedition; 1883; 25°39'N, 18°26'W; depth 1435 m; MNHN-IE-2014-113 • 3 syntypes; same as for preceding; MNHN-IE-2014-109 • 2 syntypes; same as for preceding; MNHN-IE-2014-201 • 2 syntypes; station 72; same as for preceding; 25°39'N, 18°22'W; depth 882 m; MNHN-IE-2014-110.

elegans Koehler, 1912, *Odontaster*

Odontaster elegans Koehler, 1912: 156; 1912a: 72, pl. 7, figs 5-11.

Odontaster meridionalis – Clark 1993: 196.

CURRENT STATUS. — *Odontaster meridionalis* (Smith, 1876).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; *Pourquoi-Pas?* expedition; 1908-1910; MNHN-IE-2014-55 • 4 syntypes; same as for preceding; MNHN-IE-2014-93.

REMARK

According to Koehler (1912a), eight syntypes were collected in five different localities: entrance of Marguerite Bay, 254 m (1); Marguerite Bay, 200 m (1); near Alexandre Ist Land, 297 m (2); Peterman Island (1); Roosen Channel, 70 m (3).

elongatus Perrier, 1885, *Pentagonaster*

Pentagonaster elongatus Perrier, 1885: 38; 1894: 362, pl. 21, fig. 3, pl. 24, fig. 4.

Paragonaster subtilis – Clark & Downey 1992: 256.

CURRENT STATUS. — *Paragonaster subtilis* (Perrier, 1881).

TYPE MATERIAL. — **Atlantic Ocean** • holotype; station 131; *Talisman* expedition; 1883; 38°38'N, 27°26'W; depth 2995 m; MNHN-IE-2014-239.

emilii Perrier, 1869, *Astrogonium*

Astrogonium emilii Perrier, 1869: 66.

Tosia magnifica – Clark 1993: 289.

CURRENT STATUS. — *Tosia magnifica* (Müller & Troschel, 1842).

TYPE MATERIAL. — **Unknown origin** • 2 syntypes; MNHN-IE-2014-475.

REMARK

Tosia magnifica is known from southern Australia and Tasmania.

eridanella Müller & Troschel, 1842, *Echinaster*

Echinaster eridanella Müller & Troschel, 1842: 24.

Echinaster luzonicus – Clark 1996: 223.

CURRENT STATUS. — *Echinaster luzonicus* (Gray, 1840).

TYPE MATERIAL. — **Bismarck Sea** • 2 syntypes; New Ireland; *L'Astrolabe* expedition; 1826-1829; Quoy & Gaimard leg.; MNHN-IE-2014-468

exigua Lamarck, 1816, *Asterias*

Asterias exigua Lamarck, 1816: 554.

Parvulastra exigua – O'Loughlin & Waters 2004: 225. — Jangoux 2021: 228.

CURRENT STATUS. — *Parvulastra exigua* (Lamarck, 1816).

TYPE MATERIAL. — **South Africa** • 6 syntypes; Cape of Good Hope; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-526.

REMARKS

Photographs and original drawings of *A. exigua* syntypes are presented in Jangoux (2021: 228 fig. 15).

Due to wrong information (presumed loss of *A. exigua* type specimens), Dartnall (1971) designated a neotype for the species. The neotype is from False Bay (South Africa) and is kept in the TMH (ref. TMH 508).

exquisitus Jangoux & Aziz, 1988, *Persephonaster*

Persephonaster exquisitus Jangoux & Aziz, 1988: 638, pl. 2, fig. A-E. — Clark in Clark & Mah 2001: 331.

CURRENT STATUS. — *Persephonaster exquisitus* Jangoux & Aziz, 1988.

TYPE MATERIAL. — **Réunion Island** • holotype; station CP 103; Marion-Dufresne Campaign; 1982; depth 2950-1970 m; MNHN-IE-2014-89.

fabricii Perrier, 1875 *Asterias*

Asterias fabricii Perrier, 1875: 56.

Asterias rubens – Clark in Clark & Mah 2001: 255.

CURRENT STATUS. — *Asterias rubens* Linnaeus, 1755.

TYPE MATERIAL. — **Canada** • holotype; Labrador coast; Alexander Agassiz leg.; 1864; MNHN-IE-2014-427.

fallax Perrier, 1885, *Astrogonium*

Astrogonium fallax Perrier, 1885: 37; 1894: 347, pl. 23, fig. 4, pl. 25, fig. 4.

Pseudarchaster parelii – Clark & Downey 1992: 264.

CURRENT STATUS. — *Pseudarchaster parelii* (Düben & Koren, 1846).

TYPE MATERIAL. — **Atlantic Ocean** • 4 syntypes; *Talisman* expedition; 1883; station 126; 38°37'N, 30°41'W; depth 1258 m; MNHN-IE-2014-227 • 4 syntypes; same as for preceding; station 122; 37°35'N, 31°46'W; depth 1440 m; MNHN-IE-2014-129.

filholi Perrier, 1885, *Pectinaster*

Pectinaster filholi Perrier, 1885: 71; 1894: 280, pl. 20, fig. 3a-d. — Clark & Downey 1992: 139.

CURRENT STATUS. — *Pectinaster filholi* Perrier, 1885.

TYPE MATERIAL. — **Atlantic Ocean** • 2 syntypes; station 126; *Talisman* expedition; 1883; 38°37'N, 30°41'W; depth 1258 m; MNHN-IE-2014-218 • 1 syntype; station 96; same as for preceding; 19°19'N, 20°22'W; depth 2330 m; MNHN-IE-2014-182 • 4 syntypes, same as for preceding; MNHN-IE-2014-217 • 1 syntype, same as for preceding; MNHN-IE-2014-155 • 2 syntypes, same as for preceding; MNHN-IE-2014-183.

fimbriata Perrier, 1875, *Asterina*

Asterina fimbriata Perrier, 1875: 307. — Clark & Downey 1992: 181.

CURRENT STATUS. — *Asterina fimbriata* Perrier, 1875.

TYPE MATERIAL. — **Chile** • 4 syntypes; Chiloe Island (see remark); MNHN-IE-2014-361.

REMARK

Perrier (1875) reports ten individuals, four from Réunion Island (Maillard leg) and six from Chile (Gay leg). *Asterina fimbriata* occurs along the coasts of Chili and Argentina; Réunion Island is an incorrect locality.

fischeri, Perrier, 1894, *Pararchaster*

Pararchaster fischeri Perrier, 1894: 263, pl. 20, fig. 2a, b.

Benthopecten fischeri – Clark & Downey 1992: 119.

CURRENT STATUS. — *Benthopecten fischeri* (Perrier, 1894).

TYPE MATERIAL. — **Canary Islands** • holotype; station 96; *Talisman* expedition; 1883; station 73; 25°39'N, 18°36'W; depth 1300 m; MNHN-IE-2014-215.

fisheri Aziz & Jangoux, 1985, *Anseropoda*

Anseropoda fisheri Aziz & Jangoux, 1985: 286, pl. 5, fig. A-C. — Clark 1993: 205.

CURRENT STATUS. — *Anseropoda fisheri* Aziz & Jangoux, 1985.

TYPE MATERIAL. — **Philippines** • holotype; station 33; off Mindoro; Musorstom 2 expedition (1980); 130-137 m; MNHN-IE-2013-4346.

fleuriaisi Perrier, 1891, *Goniopecten*

Goniopecten fleuriaisi Perrier, 1891: 140, pl. 12, fig. 2a-b.

Bathybiaster loripes – Clark 1989: 306.

CURRENT STATUS. — *Bathybiaster loripes* Sladen, 1889.

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • 3 syntypes; station 100; Magellan Strait (SE of Port Famine); Cape Horn expedition (1882-1883); MNHN-IE-2014-339 • 2 syntypes; same as for preceding; MNHN-IE-2014-343 • 8 syntypes; same as for preceding; MNHN-IE-2014-370 • 4 syntypes, station 93; Beagle Channel; same as for preceding; MNHN-IE-2014-330 • 1 syntype; same as for preceding; MNHN-IE-2014-349 • 1 syntype; station 161; same as for preceding; MNHN-IE-2014-332.

floridae Perrier, 1881, *Ophidiaster*

Ophidiaster floridae Perrier, 1881: 9; 1884: 221, pl. 4, fig. 1.

Tamaria floridae – Clark & Downey 1992: 283.

CURRENT STATUS. — *Tamaria floridae* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 1 paratype; Florida Strait; Hassler campaign; 1870; depth 123 feet; Alexander Agassiz leg.; MNHN-IE-2014-125.

REMARK

Holotype in the MCZ (MCZ 727) (Clark & Downey 1992).

florifer Alcock, 1893, *Nymphaster*

Nymphaster florifer Alcock, 1893a: 94; 1894-1895: pl. 4, fig. 4.

Rosaster florifer – Clark 1993: 283.

CURRENT STATUS. — *Rosaster florifer* (Alcock, 1893).

TYPE MATERIAL. — **Andaman sea** • 2 syntypes; *Investigator* Survey; Indian Museum leg.; MNHN-IE-2014-377 • 2 syntypes, same as for preceding; MNHN-IE-2014-376.

REMARK

The type locality of *Nymphaster florifer* (*Investigator* Survey, Andaman Sea, station 116) is the only known locality of the species.

folini Perrier, 1885, *Cheiraster*

Cheiraster folini Perrier, 1885: 70; 1894: 256, pl. 19, fig. 1a-d, pl. 20, fig. 1a-f.

Benthopecten folini – Clark & Downey 1992: 120.

CURRENT STATUS. — *Benthopecten folini* (Perrier, 1885).

TYPE MATERIAL. — **Atlantic Ocean** • 1 lectotype, 4 paralectotypes; *Talisman* expedition; 1883; station 96; 19°19'N, 20°22'W; depth 2330 m; MNHN-IE-2014-225 • 3 paralectotypes; same as for preceding; station 98; 19°12'N, 20°17'W; depth 2324 m; MNHN-IE-2014-223.

REMARK

Clark & Downey (1992: 121) selected as lectotype the largest specimen of station 96.

fouadi Dollfus, 1936, *Stellasteropsis*
(Fig. 12)

Stellasteropsis fouadi Dollfus, 1936: 151, figs 1-3. — Clark 1993: 287.

CURRENT STATUS. — *Stellasteropsis fouadi* Dollfus, 1936.

TYPE MATERIAL. — **Egypt** • lectotype, 2 paralectotypes; Bay of Suez; Dollfus leg.; MNHN-IE-2014-49.

fourmanoiri Rowe, 1985, *Asteropsis*

Asteropsis fourmanoiri Rowe, 1985: 542, pl. 1D-F — Clark 1993: 291.

CURRENT STATUS. — *Asteropsis fourmanoiri* Rowe, 1985.

TYPE MATERIAL. — **Madagascar** • holotype; SE coast of Sainte Lucie; 55 m; Crosnier & Fourmanoir leg.; 1958; NHN-IE-2014-60 • 1 paratype; same as holotype; MNHN-IE-2014-61 • 1 paratype, same as holotype; MNHN-IE-2014-59 • 1 paratype; same as holotype; MNHN-IE-2014-66.

frigida Koehler, 1917, *Asterina*
(Fig. 13)

Asterina frigida Koehler, 1917: 46, pl. 6, figs 9-11, pl. 7, fig. 8.

Cycethra frigida – Mah 2022 (Worms).

CURRENT STATUS. — *Cycethra frigida* (Koehler, 1871).

TYPE MATERIAL. — **Kerguelen** • 4 syntypes; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-269.

fungifera Perrier, 1875, *Asterias*

Asterias fungifera Perrier, 1875: 73.

Uniophora granifera – Clark in Clark & Mah 2001: 256.

CURRENT STATUS. — *Uniophora granifera* (Lamarck, 1816).

TYPE MATERIAL. — **Australia** • holotype; Verreaux leg.; 1844; MNHN-IE-2014-2988.

ganae Mah, 2018 *Sphaeriodiscus*

Sphaeriodiscus ganae Mah, 2018: 84.

CURRENT STATUS. — *Sphaeriodiscus ganae* Mah, 2018.



FIG. 13. — *Stellasteropsis fouadi* Dollfus, 1936: **A**, abactinal; **B**, actinal surfaces of the lectotype; MNHN-IE-2014-49. Scale bar: 10 mm.

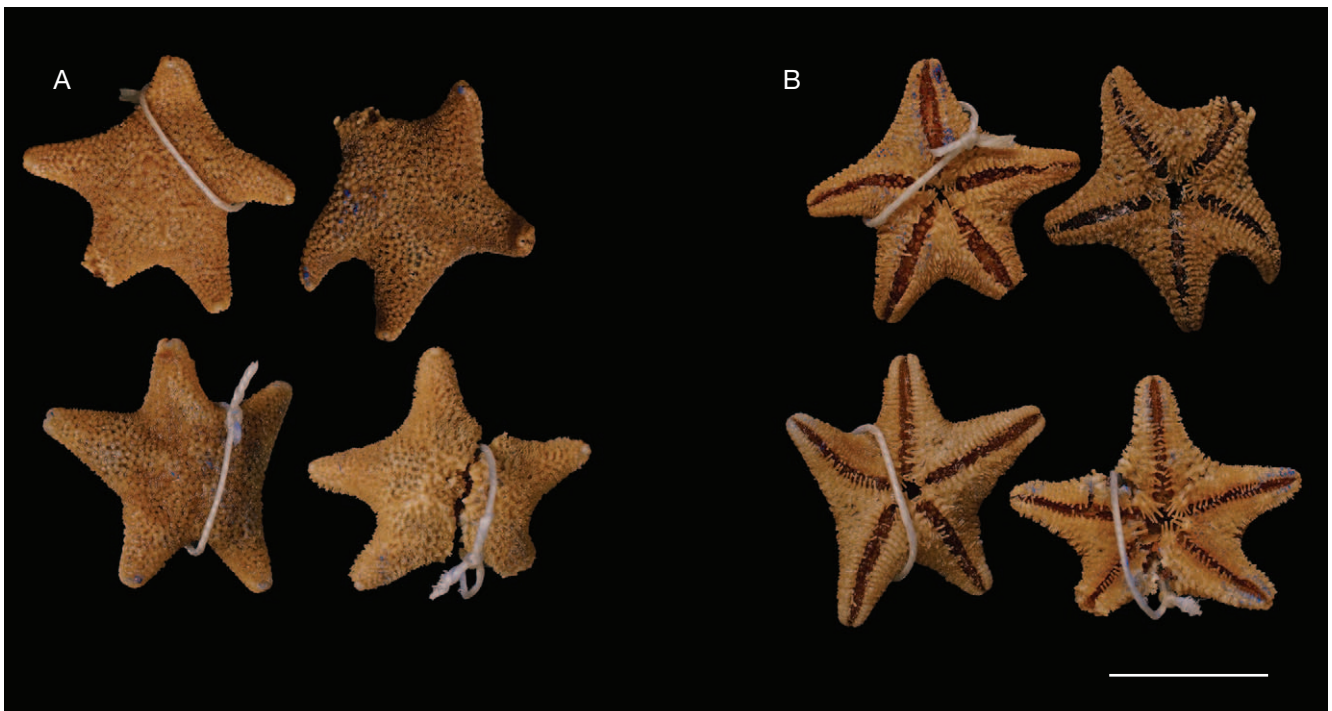


FIG. 12. *Asterina frigida* Koehler, 1917: **A**, abactinal; **B**, actinal surfaces of syntypes; MNHN-IE-2014-269. Scale bar: 10 mm.

TYPE MATERIAL. — **Off Madagascar** • holotype, Walters shoal (S of Cape Sainte Marie), MNHN-IE-2013-17139 • 1 paratype; same as holotype; MNHN-IE-2013-1714.

gaini Koehler, 1912, *Lophaster*

Lophaster gaini Koehler, 1912a: 153; 1912b: 42, pl. 4, figs 4, 5, 12, 13. — Clark 1996: 188.

CURRENT STATUS. — *Lophaster gaini* Koehler, 1912.

TYPE MATERIAL. — **Antarctic** • holotype; Admiralty Bay (King Georges Island, South Shetland); *Pourquoi-Pas?* expedition (1908-1909); 62°12'S, 65°25'W; depth 120 m; MNHN-IE-2014-231.

gayi Perrier, 1875 *Asterina*

Asterina gayi Perrier, 1875: 305.

Asterina chilensis – Clark 1993: 208.

CURRENT STATUS. — *Asterina chilensis* (Lütken, 1859).

TYPE MATERIAL. — **Chile** • 1 syntype; Valparaiso (Chile); Gay leg.; 1832; MNHN-IE-2014-11.

**gemmifer*, Perrier, 1869, *Asteracanthion*

Asteracanthion gemmifer Perrier, 1869: 45, pl.1 fig. 10b-d.

REMARKS

The species could belong to the genus *Coscinasterias* (Clark in Clark & Mah 2001: 248).

A. gemmifer was collected by Eydoux during *La Bonite* expedition (1836-1837).

**geometricum*, Müller & Troschel, 1842, *Astrogonium*

Astrogonium geometricum, Müller & Troschel, 1842: 54.

Tosia australis – Clark 1993: 288.

CURRENT STATUS. — *Tosia australis* Gray, 1840.

gerlachei Ludwig, 1903, *Cheiraster*

Cheiraster gerlachei Ludwig, 1903: 9, pl. 1, figs 1-8, pl. 2, figs 9, 10.

Cheiraster (Luidiaster) gerlachei – Clark 1989: 316.

CURRENT STATUS. — *Cheiraster (Luidiaster) gerlachei* (Ludwig, 1903).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; station 1; *Belgica* expedition (1897-1899); 70°15'S, 84°06'W; depth 560 m; MNHN-IE-2014-434.

REMARK

15 syntypes in the RBINS (IG 10131, stations 4, 5, 7 and 10) (Jangoux & Massin 1986).

germani Perrier, 1875, *Ophidiaster*

Ophidiaster germani Perrier, 1875: 130.

Ophidiaster cribrarius – Clark 1993: 346.

CURRENT STATUS. — *Ophidiaster cribrarius* Lütken, 1871.

TYPE MATERIAL. — **New Caledonia** • 3 syntypes; Balansa leg.; 1872; MNHN-IE-2014-342.

giardi Koehler, 1907, *Freyella*

Freyella giardi Koehler, 1907: 145; 1908a: 578, pl.6, figs 53-57; Mah in Clark & Mah 2001: 321.

CURRENT STATUS. — *Freyella giardi* Koehler, 1907.

TYPE MATERIAL. — **Antarctic** • 2 syntypes; Scottish Antarctic expedition; 67°33'S, 36°35'W; MNHN-IE-2014-463.

REMARK

Four syntypes are deposited in the RSH (Ref. 1921.143.1228) (Smaldon *et al.* 1976).

giboryi Perrier, 1894, *Hymenaster*

Hymenaster giboryi Perrier, 1894: 189, pl. 14, fig. 1a-c. — Clark & Downey 1992: 316.

CURRENT STATUS. — *Hymenaster giboryi* Perrier, 1894.

TYPE MATERIAL. — **Atlantic Ocean** • 1 syntype; station 134; *Talisman* expedition; 1883; 42°19'N, 23°36'W; depth 4060 m; MNHN-IE-2014-153 • 2 syntypes; same as for preceding; MNHN-IE-2014-138 • 1 syntype; same as for preceding; MNHN-IE-2014-149 • 1 syntype; same as for preceding; MNHN-IE-2014-586.

gilesii Alcock, 1893, *Zoroaster*
(Fig. 14)

Zoroaster gilesii Alcock, 1893a: 109.

Cnemidaster gilesii – Mah 2022 (Worms).

CURRENT STATUS. — *Cnemidaster gilesii* (Alcock, 1893).

TYPE MATERIAL. — **Andaman sea** • 1 syntype; *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-357.

REMARK

The type locality of *Zoroaster gilesii* (Andaman Sea, *Investigator* survey, 896-915 m) is the only known locality of the species.

godfroyi Koehler, 1912, *Solaster*

Solaster godfroyi Koehler, 1912a: 154; 1912b: 50, pl. 4, figs 2, 6, 7, 9-11.

Paralophaster godfroyi godfroyi – Clark 1996: 190.

CURRENT STATUS. — *Paralophaster godfroyi godfroyi* (Koehler, 1912).



FIG. 14. — *Zoroaster gilesii* Alcock, 1893: **A**, actinal and **B**, abactinal surfaces of the syntype; MNHN-IE-2014-357. Scale bar: 10 cm.

TYPE MATERIAL. — **Antarctic** • 3 syntypes; station 175 (2 syntypes, off Alexandre Ist land, 250 m) and station 771 (1 syntype, 400 m); *Pourquoi-Pas?* expedition (1908-1910); MNHN-IE-2014-29.

gosselini Perrier, 1885, *Pentagonaster*

Pentagonaster gosselini Perrier, 1885: 354; Perrier 1894: 399, pl. 26, fig. 4.

Ceramaster grenadensis grenadensis – Clark & Downey 1992: 234.

CURRENT STATUS. — *Ceramaster grenadensis grenadensis* (Perrier, 1881).

TYPE MATERIAL. — **Morocco** • 1 syntype; station 34; *Travailleur* expedition (1883); 32°27'N, 12°15'W; depth 1123 m; MNHN-IE-2014-115 • 2 syntypes; station 37; same as for preceding; 31°31'N, 12°47'W, 1050 m; MNHN-IE-2014-117.

Canary Islands • 1 syntype; station 51; *Talisman* expedition; 1883; 28°35'N, 15°36'W; depth 1238 m; MNHN-IE-2014-588 • 1 syntype; station 52; same as for preceding; MNHN-IE-2014-596.

Azores • 6 syntypes; station 127; *Talisman* expedition; 1883; 38°38'N, 31°46'W; depth 1257 m; MNHN-IE-2014-120 • 5 syntypes; same as for preceding; MNHN-IE-2014-114.

gourdoni Koehler, 1912, *Remaster*

Remaster gourdoni Koehler, 1912a: 155; 1912b: 60, pl. 5, figs 4, 5, 9, 12, pl. 8, fig. 7. — Clark 1996: 216.

CURRENT STATUS. — *Remaster gourdoni* Koehler, 1912.

TYPE MATERIAL. — **Antarctic** • 2 syntypes; Roosen Channel; *Pourquoi-Pas?* expedition; 1908-1910; 64°49'S, 65°49'W; depth 70 m; MNHN-IE-2014-33 • 3 syntypes; same as for preceding; MNHN-IE-2014-94.

gracilis Perrier, 1881, *Asterias*

Asterias gracilis Perrier, 1881: 4; 1884: 204.

Stephanasterias albula – Clark & Downey 1992: 454.

CURRENT STATUS. — *Stephanasterias albula* (Stimpson, 1853).

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; BLAKE expedition (1878-1879); MNHN-IE-2014-206 • 4 syntypes; same as for preceding; MNHN-IE-2014-205 • 5 syntypes, same as for preceding; MNHN-IE-2014-207.

REMARK

Perrier (1884) mentions many localities: Barbados, St Lucia, St Vincent, Guadeloupe, Granada, Martinique, etc.

gracilis Jangoux & Aziz, 1988 *Calyptroaster*

Calyptroaster gracilis Jangoux & Aziz, 1988: 643, pl. 4, fig. A, B – Clark 1996: 197.

CURRENT STATUS. — *Calyptroaster gracilis* Jangoux & Aziz, 1988.

TYPE MATERIAL. — **Réunion Island** • holotype; Marion-Dufresne campaign (1982); station CP 103; depth 2950-1970m; MNHN-IE-2014-100 • 2 paratypes; same as holotype; MNHN-IE-2014-102.

gracilis Müller & Troschel, 1842, *Echinaster*

Echinaster gracilis Müller & Troschel, 1842: 25.

Othilia purpureus Gray, 1840: 282, n. syn.

CURRENT STATUS. — *Echinaster purpureus* (Gray, 1840).

TYPE MATERIAL. — **Unknown origin** • 1 syntype; MNHN-IE-2017-1424.

REMARK

E. gracilis inhabits Indian Seas according to Dujardin & Hupé (1862).

The species shares all the characteristics of the common Indian Ocean species *Echinaster purpureus*, having a reticulated skeleton and abactinal plates arranged in longitudinal series.

grandis Perrier 1885, *Pentagonaster*

Pentagonaster grandis Perrier 1885: 35.

Plinthaster dentatus – Clark & Downey 1992: 260.

CURRENT STATUS. — *Plinthaster dentatus* (Perrier, 1894).

TYPE MATERIAL. — **Morocco** • 3 syntypes; station 31; off Moroccan coast; *Talisman* expedition; 1883; MNHN-IE-2014-548.

granifera Lamarck, 1816, *Asterias*

Asterias granifera Lamarck, 1816: 560.

Uniophora granifera – Clark in Clark & Mah 2001: 305; Jangoux 2021: 229.

CURRENT STATUS. — *Uniophora granifera* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • holotype; Baudin expedition (1800-1804); Péron & Lesueur leg.; MNHN-IE-2014-235.

REMARK

Photographs and original drawings of *A. granifera* holotype are presented in Jangoux (2021: 229, fig. 16).

granuliferus Koehler, 1912, *Odontaster*

Odontaster granuliferus Koehler, 1912a: 77, pl. 6, figs 7, 10.

Acodontaster elongatus granuliferus – Clark 1993: 191.

CURRENT STATUS. — *Acodontaster elongatus granuliferus* (Koehler, 1912).

TYPE MATERIAL. — **Terra del Fuego Archipelago** • holotype; Cape Horn expedition; 1882-1883; 13°S, 68°31'W; depth 97 m; MNHN-IE-2014-221.

REMARK

Koehler (1912a: 78) reports that the species *O. granuliferus* was erected from a Cape Horn specimen identified *Asterodon grayi* (Bell) by Perrier (1891: 138).

granulosa Perrier, 1875, *Asterina*

Asterina granulosa Perrier, 1875: 312.

Patiria miniata – O’Loughlin & Waters, 2004: 28.

CURRENT STATUS. — *Patiria miniata* (Brandt, 1835).

TYPE MATERIAL. — **Hawaii** • 1 syntype; Sandwich Islands; Ballieu leg.; 1874; MNHN-IE-2014-51 • 4 syntypes, same as for preceding; MNHN-IE-2014-352.

REMARK

Providing the type locality is correct, the synonymy proposed by O’Loughlin & Waters (2004) is questionable as *A. miniata* occurs from Alaska to Lower California (Clark 1993: 211).

granulosa Perrier, 1869, *Luidia*

Luidia granulosa Perrier, 1869: 303, pl. 2, fig. 18.

Luidia alternata alternata – Clark & Downey 1992: 4.

CURRENT STATUS. — *Luidia alternata alternata* (Say, 1825).

TYPE MATERIAL. — **Caribbean Sea** • holotype; West Indies; Plée leg.; 1825; MNHN-IE-2014-373.

granulosa Aziz & Jangoux, 1985 *Pseudasterina*

Pseudasterina delicata Aziz & Jangoux, 1985: 285, pl. 3, fig. A, B. — Clark 1993: 227.

CURRENT STATUS. — *Pseudasterina delicata* Aziz & Jangoux, 1985.

TYPE MATERIAL. — **Philippines** • holotype; station 33; off Mindoro; Musorstom 2 expedition (1980); depth 130-137 m; MNHN-IE-2013-4350.

granulosus Perrier, 1891, *Asterodon*

Asterodon granulosus Perrier, 1891: 132, pl. 11, fig. 4a, b.

Diplodontias singularis granulosus – Clark 1993: 193.

CURRENT STATUS. — *Diplodontias singularis granulosus* (Perrier, 1891).

TYPE MATERIAL. — **Chile** • holotype; Punta Arenas; Cape Horn expedition; 1882-1883; MNHN-IE-2014-528.

granulosus Perrier, 1885, *Porcellanaster*

Porcellanaster granulosus Perrier, 1885: 53; 1894: 216, pl. 17, fig. 1a-c.

Porcellanaster ceruleus – Clark & Downey 1992: 100.

CURRENT STATUS. — *Porcellanaster ceruleus* Wyville Thomson, 1877.

TYPE MATERIAL. — **Sahara** • 1 syntype; station 96; Cap Blanc; *Talisman* expedition; 1883; 19°19'N, 20°22'W; depth 2330 m; MNHN-IE-2014-174 • 1 syntype; same as for preceding; station 97; 19°12'N, 20°17'W; depth 3324 m; MNHN-IE-2014-222.

**grex*, Müller and Troschel, 1842, *Culcita*

Culcita grex Müller & Troschel, 1842: 39.

Culcita novaeguineae – Clark 1993: 299.

CURRENT STATUS. — *Culcita novaeguineae* Müller & Troschel, 1842.

griegi Koehler, 1909, *Astropecten*

Astropecten griegi Koehler, 1909: 26, pl. 7, fig. 4, pl. 10, fig. 6 – Clark 1989: 258.

CURRENT STATUS. — *Astropecten griegi* Koehler, 1909.

TYPE MATERIAL. — **Andaman** • 1 syntype; *Investigator* Survey; depth 494 m; Indian Museum leg.; MNHN-IE-2014-194.

gruveli Koehler, 1911, *Astropecten*

Astropecten gruveli Koehler, 1911b: 10, pl. 3, fig. 1, 2 – Clark & Downey 1992: 35.

CURRENT STATUS. — *Astropecten gruveli* Koehler, 1911.

TYPE MATERIAL. — **Angola** • holotype; Lobito Bay; Gruvel scientific mission; 1909-1910; MNHN-IE-2014-654 • 1 paratype, same as holotype; MNHN-IE-2014-728

Guinea • 1 paratype; Los Islands; Gruvel scientific mission; 1909-1910; MNHN-IE-2014-455.

guineensis Koehler, 1911, *Astropecten*

Astropecten guineensis Koehler, 1911b: 8, pl. 2, figs 1, 2, pl. 3, fig 6.

Astropecten gruveli – Clark & Downey 1992: 35.

CURRENT STATUS. — *Astropecten gruveli* Koehler, 1911.

TYPE MATERIAL. — **Guinea** • holotype (fragments); Los Island; Gruvel scientific mission; 1909-1910; MNHN-IE-2014-656.

**gunnii*, Perrier, 1875, *Pentagonaster*

Pentagonaster gunnii Perrier, 1875: 203.

Pentagonaster duebeni – Clark 1993: 271.

CURRENT STATUS. — *Pentagonaster duebeni* Gray, 1847.

REMARK

Perrier's specimen was from George Town, Australia.

gustavei Rowe, 1985, *Podosphaeraster*

Podosphaeraster gustavei Rowe, 1985a: 310, pl. 1, A-H. — Clark 1993: 290.

CURRENT STATUS. — *Podosphaeraster gustavei* Rowe, 1985.

TYPE MATERIAL. — **Atlantic Ocean** • holotype; station Y428; *Thalassa* campaign (1970-1971); 44°12'N, 8°41'W; MNHN-IE-2014-172 • 1 paratype; same as holotype; MNHN-IE-2014-173 • 1 paratype; station X349; *Thalassa* campaign; 1970-1971; 44°07'N, 4°44'W; MNHN-IE-2014-171.

haesitans Perrier, 1885, *Pentagonaster*

Pentagonaster haesitans Perrier, 1885: 36 – Perrier, 1894: 397, pl. 23, fig. 7, pl. 25, fig. 2.

Ceramaster grenadensis grenadensis – Clark & Downey 1992: 234.

CURRENT STATUS. — *Ceramaster grenadensis grenadensis* (Perrier, 1881).

TYPE MATERIAL. — **Morocco** • holotype; station 38; off Cape Ghir; *Talisman* expedition; 1883; 30°09'N, 14°01'W; 2210 m; MNHN-IE-2014-118.

habni Perrier, 1891, *Ganeria*
(Fig. 15)

Ganeria habni Perrier, 1891: 118 – Clark 1993: 201.

CURRENT STATUS. — *Ganeria habni* Perrier, 1891

TYPE MATERIAL. — **Falkland Islands** • holotype; Cape Horn expedition; 1882-1883; depth 135 m; MNHN-IE-2014-84.

**helianthus*, Lamarck, 1816, *Asterias*

Asterias helianthus, Lamarck, 1816: 558.

Heliaster helianthus – Clark in Clark & Mah 2001: 307.

CURRENT STATUS. — *Heliaster helianthus* (Lamarck, 1816).

REMARK

Lamarck gives no locality and refers to Bruguière's drawings (1791: pl. 108-109; Jangoux 2021: 230, fig. 17).

hirsuta Perrier, 1894, *Brisinga*

Brisinga hirsuta Perrier, 1894: 66, pl. 1, figs 8-10. — Clark & Downey 1992: 467.

CURRENT STATUS. — *Brisinga hirsuta* Perrier, 1894

TYPE MATERIAL. — **Atlantic Ocean** • holotype (single arm); station 13; *Travailleur* expedition; 1882; depth 2030 m; MNHN-IE-2014-189.

**hispida*, Aziz & Jangoux, 1984, *Caymanostella*

Caymanostella hispida, Aziz & Jangoux, 1984: 190, pl. 3, fig. 1-5.

Belyaevostella hispida – Clark 1996: 217.

CURRENT STATUS. — *Belyaevostella hispida* (Aziz & Jangoux, 1984).

REMARKS

Individuals of the species were formerly referenced under numbers ECAS-10054 (holotype; Macassar Strait; *Corindon* campaign [1080 m]) and ECAS-10055 (1 paratype; same locality as holotype).

horologium Mah, 2018 *Eknomiaster*

Eknomiaster horologium Mah, 2018: 34.

CURRENT STATUS. — *Eknomiaster horologium* Mah, 2018.

TYPE MATERIAL. — **Mozambique Channel** • holotype; Glorieuses Islands; Biomaglo campaign; 11°29'S, 47°28'E; MNHN-IE-2013-17168.

hunteri Koehler, 1920, *Pteraster*

Pteraster hunteri Koehler, 1920: 165, pl. 37, figs 4-10, pl. 38, fig. 10, pl. 65, fig. 8.

Pteraster stellifer hunteri – Clark 1996: 213.

CURRENT STATUS. — *Pteraster stellifer hunteri* Koehler, 1920.

TYPE MATERIAL. — **Antarctic** • 1 syntype; station 10; Australasian Antarctic expedition (1911-1914); 65°06'S, 96°13'E; depth 595 m; MNHN-IE-2014-451.

REMARK

Five syntypes are deposited in the AM (J3568 [2], J3569 [1], J3570 [1], J3571 [1]) (Rowe & Pawson 1977).

huepferi Koehler, 1914, *Astropecten*

Astropecten huepferi Koehler, 1914: 139, pl. 4, figs 1, 2, 12, 13 – Clark & Downey 1992: 36.

CURRENT STATUS. — *Astropecten huepferi* Koehler, 1914.

TYPE MATERIAL. — **Atlantic Ocean** • neotype (according to a handwritten label by Cherbonnier); Gulf of Guinea; 4°58'N, 2°41'W; Cherbonnier leg.; 1964; MNHN-IE-2014-17.

hyadesi Perrier, 1891, *Cribrella*

Cribrella hyadesi Perrier, 1891: 100, pl. 9, fig. 1a, b.

Henricia obesa – Clark 1996: 237.

CURRENT STATUS. — *Henricia obesa* (Sladen, 1886).

TYPE MATERIAL. — **Falkland Islands** • 2 syntypes; north part of Falkland; Cape Horn expedition; 1882-1883; depth 135 m; MNHN-IE-2014-421.

Tierra del Fuego Archipelago • 1 syntype; new Year Sound; Cape Horn expedition (1882-1883); depth 35 m; MNHN-IE-2014-353 • 4 syntypes; south part of Washington Channel; same as for preceding; depth 80 m; MNHN-IE-2014-423 • 1 syntype, unspecified locality; same as for preceding; MNHN-IE-2014-602.

hyadesi Perrier, 1891, *Hippasteria*

Hippasteria hyadesi Perrier, 1891: 128.

Hippasteria plana – Clark 1993: 257.

CURRENT STATUS. — *Hippasteria plana* (Gray, 1840).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; SE of Port Famine; Cape Horn expedition; 1882-1883; depth 326 m; MNHN-IE-2014-78.

hystrix Perrier, 1894, *Astrogonium*

Astrogonium hystrix Perrier, 1894: 345, pl. 23, fig. 3, pl. 24, fig. 2.

Pseudarchaster parelii – Clark & Downey 1992: 264.

CURRENT STATUS. — *Pseudarchaster parelii* (Düben & Koren, 1846).

TYPE MATERIAL. — **Morocco** • holotype; station 45; off coast of Morocco; *Talisman* expedition; 1883; 29°08'N, 14°46'W; depth 840 m; MNHN-IE-2014-130.

hystrix Müller & Troschel, 1842, *Astropecten*

Astropecten hystrix Müller & Troschel, 1842: 70

Astropecten polyacanthus polyacanthus – Clark 1989: 259, 266.

CURRENT STATUS. — *Astropecten polyacanthus polyacanthus* Müller & Troschel, 1842.

TYPE MATERIAL. — **Ceylan** • 2 syntypes; Reynaud leg.; 1829; MNHN-IE-2014-1 • 3 syntypes; same as for preceding; MNHN-IE-2014-606.

ibericus Perrier, 1894, *Astropecten*

Astropecten ibericus Perrier, 1894: 196, pl. 18, fig. 1a, b – Clark & Downey 1992: 37.

CURRENT STATUS. — *Astropecten ibericus* Perrier, 1894.

TYPE MATERIAL. — **Spain** • 2 syntypes; station 2; Gulf of Cadix; *Talisman* expedition; 1883; 36°53'N, 10°52'W; depth 99 m; MNHN-IE-2014-163.

idipi Mah, 2003, *Astrosarkus*

Astrosarkus idipi Mah, 2003: 686, figs 1-6.

CURRENT STATUS. — *Astrosarkus idipi* Mah, 2003.

TYPE MATERIAL. — **Réunion Island** • 1 paratype; station CP 177; Marion Dufresne campaign (1982); 21°01'S, 55°10'E; depth 185-200 m; MNHN-IE-2009-9006.

inaequalis Perrier, 1894, *Lytaster*

Lytaster inaequalis Perrier, 1894: 98, pl. 9, fig. 1.

Coscinasterias tenuispina – Clark in Clark & Mah 2001: 271.

CURRENT STATUS. — *Coscinasterias tenuispina* (Lamarck, 1816).

TYPE MATERIAL. — **Canary Islands** • 5 syntypes; station 54; Bocayana Strait; *Talisman* expedition; 1883; depth 30-259 m; MNHN-IE-2014-166.



FIG. 15. — *Ganeria hahni* Perrier, 1891: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-84. Scale bar: 50 mm.

incertus Koehler, 1917 *Solaster*

Solaster incertus Koehler, 1917: 40, pl. 2, figs 2, 3, pl. 9, figs 21, 22. — Clark 1996: 193.

CURRENT STATUS. — *Solaster incertus* Koehler, 1917.

TYPE MATERIAL. — **Kerguelen** • holotype; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-95.

REMARK

Doubtful status (juvenile individual).

incurvatus Koehler, 1920, *Kampylaster*

Kampylaster incurvatus Koehler, 1920: 138, pl. 36, figs 4-7, 11, pl. 37, figs 1-3, pl. 66, fig. 8. — Clark 1993: 220.

CURRENT STATUS. — *Kampylaster incurvatus* Koehler, 1920.

TYPE MATERIAL. — **Antarctic** • 1 syntype; Australasian Antarctic expedition (1911-1914); 66°32'S, 141°39'E; depth 276 m; MNHN-IE-2014-448.

REMARK

Two syntypes in AM (J3581) (Rowe & Pawson 1977).

indicus Perrier, 1869, *Scytaster*
(Fig. 16)

Scytaster indicus Perrier, 1869: 63.

Fromia indica – Clark 1993: 331.

CURRENT STATUS. — *Fromia indica* (Perrier, 1869).

TYPE MATERIAL. — **India** • holotype; Indian Seas; MNHN-IE-2014-187.

inermis Perrier, 1875, *Dermasterias*

Dermasterias inermis Perrier, 1875: 282.

Dermasterias imbricata – Clark 1993: 320.

CURRENT STATUS. — *Dermasterias imbricata* (Grube, 1857).

TYPE MATERIAL. — **Unknown origin** • holotype; Alexander Agassiz leg.; 1864; MNHN-IE-2014-466.

inermis Perrier, 1885, *Goniopecten*

Goniopecten inermis Perrier, 1885: 71.

Plutonaster agassizi notatus – Clark & Downey 1992: 70.

CURRENT STATUS. — *Plutonaster agassizi notatus* Sladen, 1889.

TYPE LOCALITY. — **Morocco** • 5 syntypes; station 21; off Moroccan coast; *Talisman* expedition; 1883; 33°46'N, 11°22'W; depth 1319 m; MNHN-IE-2014-345.

inermis Perrier, 1885, *Porcellanaster*

Porcellanaster inermis Perrier, 1885: 50 – Perrier 1894: 212, pl. 15, fig. 3a-c.

Porcellanaster ceruleus – Clark & Downey 1992: 100.

CURRENT STATUS. — *Porcellanaster ceruleus* Wyville Thomson, 1877.

TYPE MATERIAL. — **Sahara** • 1 syntype; station 101; off Saharan coast; *Talisman* expedition; 1883; 16°38'N, 20°44'W; depth 3200 m; MNHN-IE-2014-175 • 1 syntype, same as for preceding; MNHN-IE-2014-179.

Azores • 1 syntype; *Talisman* expedition; MNHN-IE-2014-610.

ingouffi Perrier, 1891, *Pteraster*

Pteraster ingouffi Perrier, 1891: 144, pl. 12, fig. 4A, B.

Diplopteraster verrucosus – Clark 1996: 209.

CURRENT STATUS. — *Diplopteraster verrucosus* (Sladen, 1882).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; between Navarin and Hoste Islands; Cape Horn expedition; 1882-1883; depth 270 m; MNHN-IE-2014-264.

**insignis* Perrier, 1884, *Archaster*

Archaster insignis Perrier, 1884: 256, pl. 9, fig. 5.

Dytaster insignis – Clark & Downey, 1992: 54.

CURRENT STATUS. — *Dytaster insignis* (Perrier, 1884).

REMARK

Individual of the species was formerly referenced under number ECAH 3161 (Holotype; station 31; BLAKE expedition [1877-1878]; SE Gulf of Mexico; 24°33'N, 84°23'W; 3530 m).

insularum Wood-Mason & Alcock, 1891, *Brisinga*

Brisinga insularum Wood-Mason & Alcock, 1891: 439. — Mah in Clark & Mah 2001: 314.

CURRENT STATUS. — *Brisinga insularum* Wood-Mason & Alcock, 1891.

TYPE MATERIAL. — **Laccadive Sea** • 1 syntype (2 arms); station 108; *Investigator* Survey; depth 1909 m; MNHN-IE-2014-386.

REMARK

The type locality of *Brisinga insularum* (*Investigator* Survey, Laccadives Sea, station 108, 1909 m) is the only known locality of the species.

intermedius Perrier, 1891, *Dytaster*

Dytaster intermedius Perrier, 1891a: 271 – Perrier 1896: 48, pl. 3, fig. 2b; Clark 1989: 278.

CURRENT STATUS. — *Dytaster intermedius* Perrier, 1891.

TYPE MATERIAL. — **Azores** • 1 syntype; station 248; *L'Hirondelle* campaign; 2870 m; Prince Albert of Monaco leg.; MNHN-IE-2014-128.

REMARK

Various syntypes in the MONA (Belloc 1950).

intermedius Perrier, 1884, *Pentagonaster*

Pentagonaster intermedius Perrier, 1884: 243, pl. 5, figs 5, 6.

Litonotaster intermedius – Clark & Downey 1992: 250.

CURRENT STATUS. — *Litonotaster intermedius* (Perrier, 1884).

TYPE MATERIAL. — **Caribbean Sea** • 2 syntypes; BLAKE expedition (1877-1878); 24°33'N, 84°23'W; depth 3532 m; MNHN-IE-2014-131.

REMARK

The two MNHN syntypes should represent the type series of the species (no syntypes in the MCZ).

involutus Koehler 1912, *Leucaster*

Leucaster involutus Koehler, 1912: 155; 1912a: p. 55, pl. 5, figs 1-3, 6, 7, 10, 11.

Cuenotaster involutus – Clark 1996: 187.

CURRENT STATUS. — *Cuenotaster involutus* (Koehler, 1912).

TYPE MATERIAL. — **Antarctic** • 1 syntype; *Pourquoi-Pas?* expedition; 1908-1910; unspecified locality; MNHN-IE-2014-67 • 1 syntype, same as for preceding; MNHN-IE-2014-143 • 3 syntypes; same as for preceding; MNHN-IE-2014-341 • 1 syntype; same as for preceding; MNHN-IE-2014-375 • 1 syntype; same as for preceding; MNHN-IE-2014-437 • 1 syntype; same as for preceding; MNHN-IE-2014-444 • 1 syntype; same as for preceding; MNHN-IE-2014-616.

REMARK

Koehler (1912a) reports on ten individuals from four localities: King Georges Island (6 syntypes, 75 m); between Jenny and Adelaide Islands (2 syntypes, 254 m); near Alexandre 1st Land (1 syntype, 250 m); south of Jenny Island (1 syntype, 250 m).

**irregularis*, Perrier, 1869, *Ophidiaster*

Ophidiaster irregularis Perrier, 1869: 61.

Linckia guildingi – Clark 1993: 348.

CURRENT STATUS. — *Linckia guildingi* Gray, 1840.

REMARKS

Perrier does not refer to the species in his 1875 revision. Perrier's single specimen originated from Mayotte.



FIG. 16. — *Scytaster indicus*: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-187. Scale bar: 10 mm.

jacqueti Perrier, 1882, *Dorigona*

Dorigona jacqueti Perrier in Milne-Edwards, 1882: 47. — Perrier 1894: 383, pl. 21, fig. 4, pl. 22, fig. 5.

Nymphaster arenatus – Clark & Downey 1992: 254.

CURRENT STATUS. — *Nymphaster arenatus* (Perrier, 1881).

TYPE MATERIAL. — **Atlantic Ocean** • 1 syntype; station 39; *Travailleur* expedition (1881); 44°05'N, 09°32'W; depth 1037 m; MNHN-IE-2014-415.

jehennesii Perrier, 1875, *Asterias*

Asterias jehennesii Perrier, 1875: 47.

Coscinasterias calamaria – Clark in Clark & Mah 2001: 271.

CURRENT STATUS. — *Coscinasterias calamaria* (Gray, 1840).

TYPE MATERIAL. — **Madagascar** • holotype; Captain Cloué leg.; 1847; MNHN-IE-2014-3120.

johanna Koehler, 1907, *Chitonaster*

Chitonaster johanna Koehler, 1907: 144; 1908a: 542, pl. 4, figs 32-37. — Clark 1993: 250.

CURRENT STATUS. — *Chitonaster johanna* Koehler, 1907.

TYPE MATERIAL. — **Antarctic** • 1 syntype; Scottish Antarctic expedition; 62°10'S, 41°20'W; depth 3248 m; MNHN-IE-2014-116.

REMARK

Four syntypes in the RSM (Ref. 19211431202) (Smalton, Heppell & Watt, 1976).

joubini Koehler, 1908, *Nepanthia*

Nepanthia joubini Koehler, 1908: 232, figs 1-4.

Nepanthia belcheri – Clark 1993: 221.

CURRENT STATUS. — *Nepanthia belcheri* (Perrier, 1875).

TYPE MATERIAL. — **Vietnam** • 4 syntypes, Cape St Jacques, Captain Modest leg.; MNHN-IE-2014-263

katafractarius Mah, 2018 *Cladaster*

Cladaster katafractarius Mah, 2018: 31, fig. 10A-D.

CURRENT STATUS. — *Cladaster katafractarius* Mah, 2018.

TYPE MATERIAL. — **Mozambique Channel** • holotype; Glorieuse Islands; Biomaglo expedition; depth 694-733 m; MNHN-IE-2013-17245. **New Caledonia** • 1 paratype, Athos Bank, Norfolk 2 expedition; depth 750-800 m; MNHN-IA-2013-6900 • 1 paratype, W. Jameau Bank;

same as for preceding; depth 759-807 m; MNHN-IE-2013-6901 • 1 paratype; South of Pins Island; SMIB 2 expedition; depth 530-535 m; MNHN-IE-2013-6898

kerguelensis Koehler, 1917, *Podasterias*

Podasterias kerguelensis Koehler, 1917: 24, pl. 4, figs 3, 4, 12, 13, 19.

Diplasterias kerguelensis – Clark in Clark & Mah 2001: 274.

CURRENT STATUS. — *Diplasterias kerguelensis* (Koehler, 1917).

TYPE MATERIAL. — **Kerguelen** • 2 syntypes; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-96

kintana Mah, 2018 *Astroceramus*

Astroceramus kintana Mah, 2018: 15.

CURRENT STATUS. — *Astroceramus kintana* Mah, 2018.

TYPE MATERIAL. — **Comoros** • holotype; west coast of Mayotte Island; MNHN-IE-2013-17176 • 1 paratype; NW of Mayotte Island; MNHN-IE-2013-17176 • 2 paratypes; SE of Mayotte Island; MNHN-IE-2013-17182 • 1 paratype; NE of Glorieuses Islands; MNHN-IE-2013-17272 • 1 paratype; same as for preceding; MNHN-IE-2013-17170.

**lacazei* Perrier, 1869, *Asteracanthion*

Asteracanthion lacazei Perrier, 1869: 51.

Asterias forbesi – Clark & Downey 1992: 421.

CURRENT STATUS. — *Asterias forbesi* (Desor, 1848).

REMARK

Perrier's specimen originates from South Carolina.

lamarckii Müller & Troschel, 1842, *Astrogonium*

Astrogonium lamarckii Müller & Troschel, 1842: 56.

Goniaster tessellatus – Jangoux 2021: 247.

CURRENT STATUS. — *Goniaster tessellatus* (Lamarck, 1816).

TYPE MATERIAL. — **Unknown locality** • holotype; MNHN-IE-2014-65.

REMARK

The holotype of Müller & Troschel's (1842) *A. lamarckii* is also the one of Lamarck's (1816) *Asterias tessellata* (Jangoux 2021: 246, fig. 37).

**laubieri* Cherbonnier & Sibuet, 1973, *Freyella*

Freyella laubieri Cherbonnier & Sibuet, 1973: 1353, fig. 2.

Freyella elegans – Clark & Downey 1992: 484.

CURRENT STATUS. — *Freyella elegans* (Verrill, 1884).

TYPE MATERIAL. — **Atlantic Ocean** • 1 paratype; Noratlante campaign; 1969; 52°45'N, 41°12'W; MNHN-IE-2014-79.

REMARK

A joined label indicates that the holotype is lost.

lebruni Perrier, 1891, *Pteraster*

Pteraster lebruni Perrier, 1891: 145, pl. 13, fig. 4A, B.

Pteraster affinis – Clark 1993: 206.

CURRENT STATUS. — *Pteraster affinis* E. A. Smith, 1876.

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; Washington Channel; Cape Horn expedition; 1882-1883; depth 80 m; MNHN-IE-2014-3851.

lemonnieri Koehler, 1910, *Nardoa*

Nardoa lemonnieri Koehler, 1910: 161, pl. 18, figs 1, 2. — Clark 1993: 342.

Nardoa galathea – Rowe & Gates 1995: 88.

CURRENT STATUS. — *Nardoa galathea* (Lütken, 1864).

TYPE MATERIAL. — **Andaman** • 1 syntype; Indian Museum leg.; MNHN-IE-2014-327

lemonnieri platyspina Jangoux & Aziz, 1984, *Nardoa*

Nardoa lemonnieri platyspina Jangoux & Aziz, 1984: 866, pl. 3, fig. A-D – Clark 1993: 342.

Nardoa galathea platyspina – Rowe & Gates 1995: 88.

CURRENT STATUS. — *Nardoa galathea platyspina* (Jangoux & Aziz, 1984).

TYPE MATERIAL. — **Seychelles** • holotype; station 28; Coriolis campaign; 1980; 4°47'S, 54°49'E; depth 48 m; MNHN-IE-2014-554.

lenaigae Mah, 2018 *Plinthaster*

Plinthaster lenaigae Mah, 2018: 73.

CURRENT STATUS. — *Plinthaster lenaigae* Mah, 2018.

TYPE MATERIAL. — **Madagascar** • holotype; between Nosy-bé and Leven Bank; MNHN-IE-2013-7003 • paratype; same as holotype; MNHN-IE-2013-7002 • paratype; same as holotype; MNHN-IE-2013-7004 • paratype; same as holotype; MNHN-IE-2013-7005 • paratype; same as holotype; MNHN-IE-2013-1210.

Comoros • paratype; SW Mayotte; MNHN-IE-2013-17171 • paratype; same as for preceding; MNHN-IE-2013-17211 • paratype; same as for preceding; MNHN-IE-2013-17224.

linearis, Perrier, 1881, *Asterias*

Asterias linearis Perrier, 1881: 2; 1884: 201, pl. 3, fig. 5.

Coscinasteria tenuispina – Clark & Downey 1992: 425.

CURRENT STATUS. — *Coscinasteria tenuispina* (Lamarck, 1816).

TYPE MATERIAL. — **Gulf of Mexico** • holotype; BLAKE expedition (1878-1879); 25°33'N, 84°21'W; depth 185 m; MNHN-IE-2014-254.

REMARK

Doubtful status (Clark & Downey 1992).

liouvillei Koehler, 1912, *Bathybiaster*

Bathybiaster liouvillei Koehler, 1912: 158; 1912a: 96, pl. 6, figs 2, 4, 12, pl. 8, figs 5, 6.

Bathybiaster loripes obesus – Clark 1989: 273.

CURRENT STATUS. — *Bathybiaster loripes obesus* Sladen, 1889.

TYPE MATERIAL. — **Antarctic** • 2 syntypes; *Pourquoi-Pas?* expedition; 1908-1910, MNHN-IE-2014-180 • 2 syntypes; same as for preceding; MNHN-IE-2014-500 • 1 syntype, same as for preceding; MNHN-IE-2014-516.

REMARK

Koehler (1912a) reports twenty-one specimens from four localities in South Shetland: east of Admiralty Bay (1 syntype, 18 m); middle of Admiralty Bay (1 syntype, 420 m); west cove of Admiralty Bay (1 syntype, 75 m); dredging 18th (18 syntypes).

loissetae Mah, 2006, *Circeaster*

Circeaster loissetae Mah, 2006: 927, fig. 3.

CURRENT STATUS. — *Circeaster loissetae* Mah, 2006.

TYPE MATERIAL. — **Solomon Islands** • 1 paratype; Solomon Islands; 9°7'S, 159°2'E; depth 896-912 m; MNHN-IE-2014-318.

longibrachius Jangoux & Aziz, 1988, *Astropecten*

Astropecten longibrachius Jangoux & Aziz, 1988: 635, pl. 1, fig. A-E. — Clark *in* Clark & Mah: 330.

CURRENT STATUS. — *Astropecten longibrachius* Jangoux & Aziz, 1988.

TYPE MATERIAL. — **Réunion Island** • holotype; station CP 112; Marion-Dufresne campaign (1982); depth 450-580 m; MNHN-IE-2014-91 • 3 paratypes; same as holotype; MNHN-IE-2014-88.

longicauda Perrier, 1885, *Zoroaster*

Zoroaster longicauda Perrier, 1885: 19; 1894: 120, pl. 10, fig. 1a, b (as *Prognaster longicauda*).

Zoroaster fulgens – Clark & Downey 1992: 403.

CURRENT STATUS. — *Zoroaster fulgens* Wyville Thomson, 1873.

TYPE MATERIAL. — **Atlantic Ocean** • 3 syntypes; station 131; NE of the Azores; *Talisman* expedition; 1883; 38°38'N, 27°26'W; depth 2995 m; MNHN-IE-2014-275 • 2 syntypes; station 136; between Azores and Europe; same as for preceding; 44°20'N, 19°31'W; depth 4255 m; MNHN-IE-2014-270 • 2 syntypes; same as for preceding; MNHN-IE-2014-286.

longispinus Koehler, 1920, *Ripaster*

Ripaster longispinus Koehler, 1920: 260, pl. 51, figs 5, 8, pl. 52, figs 3, 4, pl. 72, fig. 2.

Psilaster charcoti – Clark 1989: 290.

CURRENT STATUS. — *Psilaster charcoti* (Koehler, 1906).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; station 10; Australasian Antarctic expedition; 1911-1914; 85°06'S, 96°13'E; depth 595 m; MNHN-IE-2014-452.

REMARK

1 syntype in the AM (J3661) (Rowe & Pawson 1977).

lorioli Koehler, 1910, *Asterina*
(Fig. 17)

Asterina lorioli Koehler, 1910: 129, pl. 19, figs 5, 8 – Clark 1993: 211.

CURRENT STATUS. — *Asterina lorioli* Koehler, 1910

TYPE MATERIAL. — **Pakistan** • 1 syntype, Investigator survey, Indian Museum leg.; MNHN-IE-2014-97.

REMARK

Koehler (1910) gives two localities: Karachi (a few specimens) and Cheduba Island, Birman coast (5 specimens).

loveni Perrier, 1891, *Diplasterias*

Diplasterias loveni Perrier, 1891: 80.

Diplasterias brandti – Clark *in* Clark & Mah 2001: 274.

CURRENT STATUS. — *Diplasterias brandti* (Bell, 1881).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • 1 syntype; Cape Horn expedition; 1882-1883; 52°44'N, 68°20'W; depth 320 m; MNHN-IE-2014-224.

ludovici Koehler, 1909, *Palmipes*

Palmipes ludovici Koehler, 1909: 100, pl. 1, fig. 6, pl. 3, fig. 10, pl. 10, figs 1, 2.

Anseropoda ludovici – Clark 1993: 205.

CURRENT STATUS. — *Anseropoda ludovici* (Koehler, 1909).

TYPE MATERIAL. — **Arabian sea** • 1 syntype (fragment); *Investigator* Survey; station 258; 8°23'N, 76°28'E; Indian Museum leg.; MNHN-IE-2014-658.

luetkeni, Perrier, 1891, *Diplasterias*

Diplasterias luetkeni, Perrier 1891: 81.

Diplasterias brandti – Clark in Clark & Mah 2001: 274.

CURRENT STATUS. — *Diplasterias brandti* (Bell, 1881).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • 2 syntypes; Cape Horn expedition; MNHN-IE-2014-719.

REMARK

19 specimens were collected in various localities: SE of Tierra del Fuego; NW of Vanverlandt; Franklin Chanel; N of Falkland; Nassau Bay (Perrier 1891).

lymani Perrier, 1881, *Asterina*

Asterina lymani Perrier, 1881: 15 – Perrier, 1884: 219.

Asterinopsis lymani – Clark & Downey 1992: 189.

CURRENT STATUS. — *Asterinopsis lymani* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; station 198; Barbados; BLAKE expedition (1878-1879); depth 220 m; MNHN-IE-2014-453 • 1 syntype, same as for preceding; MNHN-IE-2014-245.

REMARK

The holotype is deposited in MCZ (MCZ 676) (Clark & Downey 1992).

macleani Koehler, 1920, *Peribolaster*

Peribolaster macleani Koehler, 1920: 161, pl. 31, figs 4, 6, pl. 33, figs 1, 2, pl. 58, fig. 4 – Clark 1996: 216.

CURRENT STATUS. — *Peribolaster macleani* Koehler, 1920.

TYPE MATERIAL. — **Antarctic** • 1 paratype; Australasian Antarctic expedition; 1911-1914; unspecified locality; MNHN-IE-2014-441.

REMARKS

Koehler (1920) reports 3 specimens from three stations: station 1, 66°50'S, 142°6'E, 648 m; station 7, 65°42'S, 92°10'E, 110 m; station 12, 64°32'S, 97°20'E, 201 m.

Holotype and 3 paratypes in Australian Museum, Sydney (Holotype [J3525]; paratypes [J3523, J3609, J8448]) (Rowe & Pawson 1977).

* *magnificum* Müller & Troschel, 1842, *Astrogonium*

Astrogonium magnificum Müller & Troschel, 1842: 53.

Tosia magnifica – Clark 1993, 289; Jangoux 2021: 231.

CURRENT STATUS. — *Tosia magnifica* (Müller & Troschel, 1842).

REMARKS

Original drawings of *A. magnificum* are presented in Jangoux (2021: 231, fig. 10).

T. magnifica occurs in the south of Australia and in Tasmania.

magnificus Mah, 2005, *Glyphodiscus*

Glyphodiscus magnificus Mah, 2005: 147, fig. 3A-C.

CURRENT STATUS. — *Glyphodiscus magnificus* Mah, 2005.

TYPE MATERIAL. — **New Caledonia** • 1 paratype; station CP 701; Bathus I campaign (1993); 20°58'S, 165°36'E; depth 302-335 m; MNHN-IE-2014-288 • 1 paratype; station DW 185; MUSORSTOM 4 expedition (1985); 19°06'S, 163°29'E; depth 230 m; MNHN-IE-2014-290 • 1 paratype; station DW 186; same as for preceding; 19°07'S, 163°30'E; depth 190 m; MNHN-IE-2014-296 • 3 paratypes, SMIB 5 campaign, Noumea (on rocks); depth 250 m; MNHN-IE-2014-302 • 1 paratype; station DW 90; same as for preceding; 22°19'S, 168°42'E; depth 310-340 m; MNHN-IE-2014-303. **Vanuatu** • 1 paratype; station CP 970; MUSORSTOM 8 expedition 1994; 20°19'S, 169°53'E; depth 252-310 m; MNHN-IE-2014-291.

REMARK

Holotype deposited in the CAS (CAS 168012).

magnificus Koehler, 1912, *Priamaster*

Priamaster magnificus Koehler, 1912a: 92, pl. 8, figs 1, 3, 8.

Leptychaster magnificus – Clark 1989: 281.

CURRENT STATUS. — *Leptychaster magnificus* (Koehler, 1912).

TYPE MATERIAL. — **Antarctic** • 2 syntypes; unspecified locality; *Pourquoui-Pas?* expedition; 1908-1910; MNHN-IE-2014-480.

REMARK

One syntype originates from the north coast of Jenny Island (67°43'S, 70°46'W, 5 m [between stones]); the other is from Lemaire Channel (north coast of Peterman Island, 40-70 m) (Koehler 1912a).

major Koehler, 1895, *Fromia*

Fromia major Koehler, 1895: 399, pl. 9, figs 6, 7.

Fromia monilis – Clark 1993: 332.

CURRENT STATUS. — *Fromia monilis* (Perrier, 1869).

TYPE MATERIAL. — **Sunda Islands** • 1 syntype; Billiton Island; Korotneff leg.; MNHN-IE-2014-123.

* *mamillatus* Müller & Troschel, 1842, *Goniodiscus*

Goniodiscus mamillatus Müller & Troschel, 1842: 61.

Tosia sp. – Clark 1993: 289.

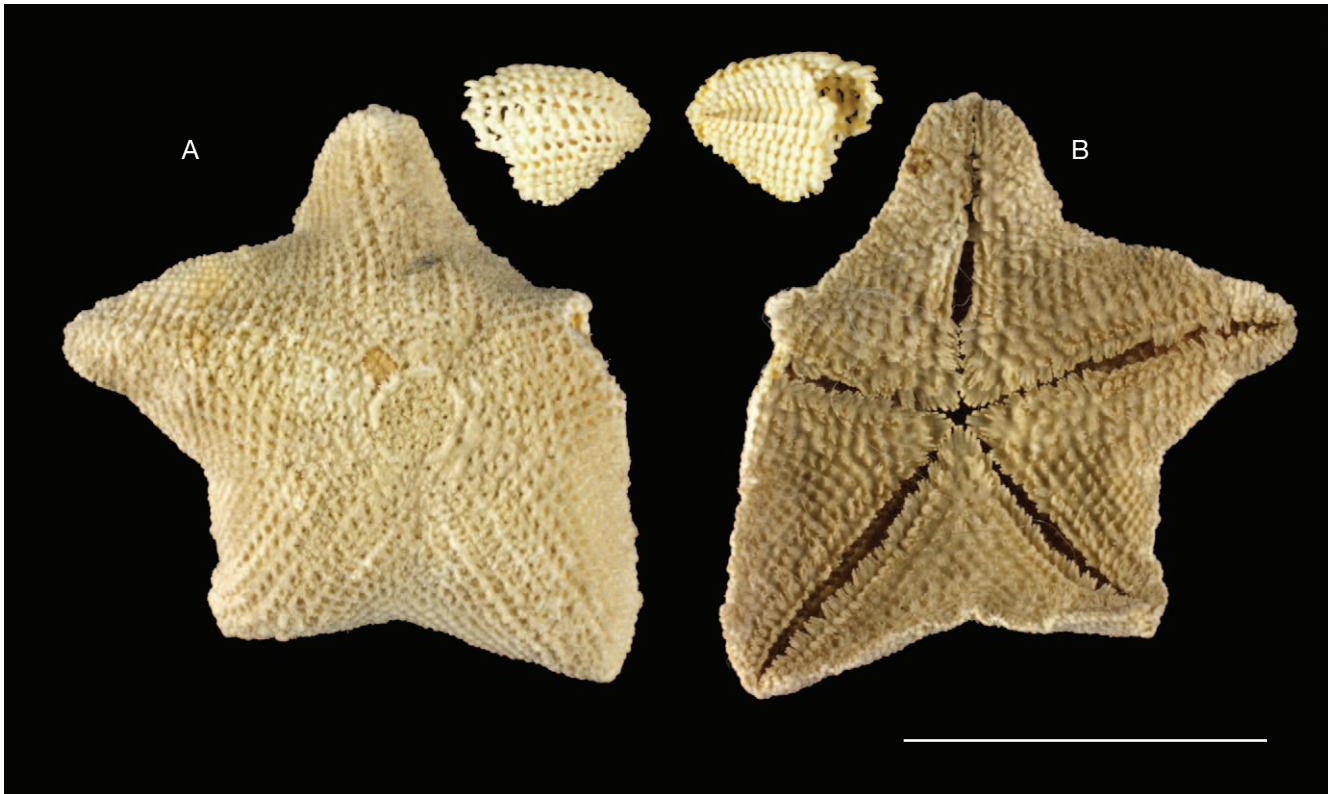


FIG. 17. — *Asterina lorioli* Koehler, 1910: **A**, abactinal; **B**, actinal surfaces of the syntype; MNHN-IE-2014-97. Scale bar: 20 mm.

CURRENT STATUS. — *Tosia* sp.

REMARKS

Unknown origin and doubtful status (Clark 1993: 289).

mamillifer Alcock, 1893, *Calliaster*
(Fig. 18)

Calliaster mamillifer Alcock, 1893b: 172, pl. 8, figs 3, 4. — Clark 1993: 246.

CURRENT STATUS. — *Calliaster mamillifer* Alcock, 1893.

TYPE MATERIAL. — Andaman sea • 1 syntype; *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-162.

REMARK

The type locality of *C. mamillifer* (*Investigator* survey, Andaman Sea) is the only locality known for the species.

mammosus Perrier, 1869, *Oreaster*

Oreaster mammosus Perrier, 1869: 78; 1875: 244.

Asterias lincki Blainville, 1830: 219, n. syn.

CURRENT STATUS. — *Protoreaster lincki* (Blainville, 1830).

TYPE MATERIAL. — Zanzibar • 1 syntype; Rousseau leg.; 1841; MNHN-IE-2014-326 • 1 syntype, same as for preceding; MNHN-IE-2014-396 • 1 syntype, same as for preceding; MNHN-IE-2014-393.

REMARK

Perrier's type specimen shares all the characteristics of the common west Indian Ocean species *Protoreaster lincki* having laterally projecting red tipped spines on some of the distal supero-marginal plates.

margaritaceus Perrier, 1882, *Pedicellaster*

Pedicellaster margaritaceus Perrier in Milne-Edwards, 1882: 46.

Gastraster margaritaceus – Perrier 1894: 103, pl. 9, fig. 3a, b.

Neomorphaster margaritaceus – Clark & Downey 1992: 406.

CURRENT STATUS. — *Neomorphaster margaritaceus* (Perrier, 1882).

TYPE MATERIAL. — Azores • holotype; station 128; *Talisman* expedition; 1883; 38°7'N, 29°32'W; depth 938 m; MNHN-IE-2014-242.

marginatus, Hupé, 1857, *Asteriscus*

Asteriscus marginatus Hupé, 1857: 100.

Asterina stellifera – Clark & Downey 1992: 187.

CURRENT STATUS. — *Asterina stellifera* (Moebius, 1859).

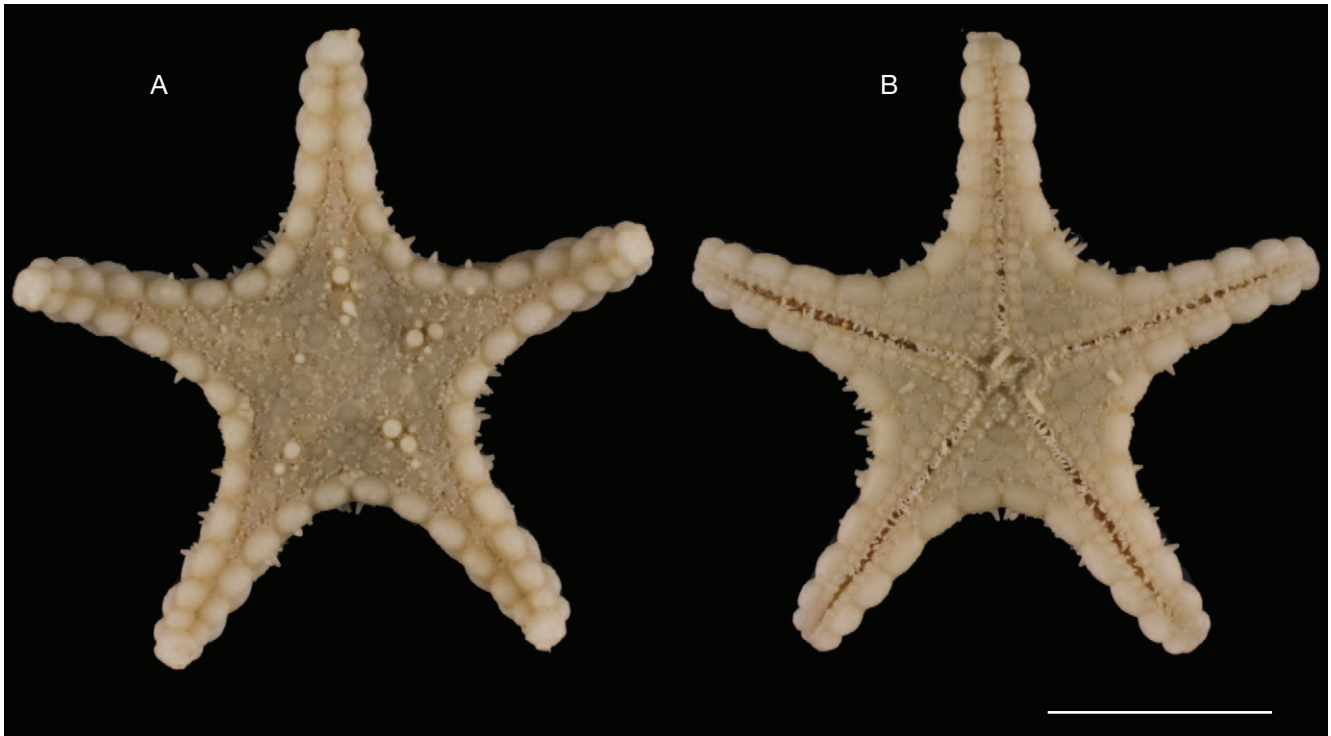


FIG. 18. — *Calliaster mamillifer* Alcock, 1893: **A**, abactinal; **B**, actinal surfaces of the syntype; MNHN-IE-2014-162. Scale bar: 10 mm.

TYPE MATERIAL. — **Brazil** • 4 syntypes; Gaudichaud leg.; MNHN-IE-2014-238.

marginatus Koehler, 1912, *Pseudontaster*

Pseudontaster marginatus Koehler, 1912: 157; 1912a: 86, pl. 8, fig. 4, pl. 9, figs 1-3.

Acodontaster marginatus – Clark 1993: 191.

CURRENT STATUS. — *Acodontaster marginatus* (Koehler, 1912).

TYPE MATERIAL. — **Antarctic** • 1 syntype; south of Jenny Island; *Pourquoi-Pas?* expedition (1908-1910); 68°00'S, 70°02'W; depth 250 m; MNHN-IE-2014-214 • 2 syntypes, same as for preceding; MNHN-IE-2014-232.

marionis Perrier, 1885, *Crenaster*

Crenaster marionis Perrier, 1885: 71; 1894: 290, pl. 22, fig. 2a-2b.

Pontaster tenuispinus – Clark & Downey 1992: 140.

CURRENT STATUS. — *Pontaster tenuispinus* (Düben & Koren, 1846).

TYPE MATERIAL. — **Biscay Bay** • 7 syntypes; station 71; *Travailleur* expedition; 1882; 43°58'N, 07°00'W; depth 850 m; MNHN-IE-2014-229 • 1 syntype; same as for preceding; MNHN-IE-2014-188.

marmorata Michelin, 1844, *Ophidiaster*
(Fig. 19)

Ophidiaster marmoratus Michelin, 1844: 173.

Linckia marmorata – Perrier 1875: 135.

Tamaria marmorata – Clark 1993: 354.

CURRENT STATUS. — *Tamaria marmorata* (Michelin, 1844).

TYPE MATERIAL. — **Mauritius** • 2 syntypes; Michelin leg.; MNHN-IE-2014-34.

marshae O'Loughlin & Rowe, 2004, *Aquilonastra*

Aquilonastra marshae O'Loughlin & Rowe, 2004: 277, figs 1, 3c, 6d-e, 9d.

CURRENT STATUS. — *Aquilonastra marshae* O'Loughlin & Rowe, 2004.

TYPE MATERIAL. — **Red Sea** • holotype; Jusseaume leg.; 1892; MNHN-IE-2014-617 • 7 paratypes; same as holotype; MNHN-IE-2014-494.

mauritiensis Loriol, 1885, *Acanthaster*

Acanthaster mauritiensis Loriol, 1885: 6, pl. 12, figs 1-3.

Acanthaster planci – Clark 1993: 322.

CURRENT STATUS. — *Acanthaster planci* (Linnaeus, 1758).

TYPE MATERIAL. — **Mauritius** • 1 syntype; MNHN-IE-2014-534

mazophorus Wood-Mason & Alcock, 1891, *Asterias*

Asterias mazophorus Wood-Mason & Alcock, 1891: 436.

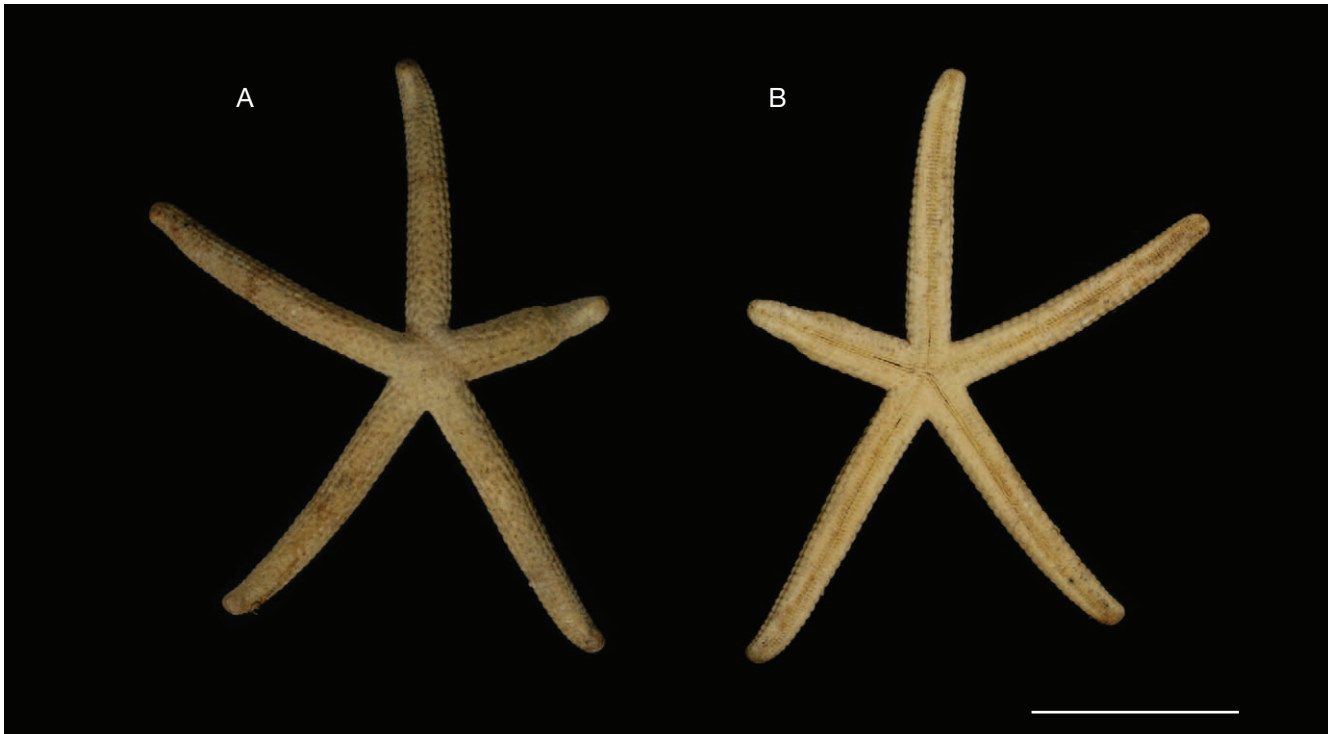


FIG. 19. — *Ophidiaster marmoratus* Michelin, 1844 : **A**, abactinal; **B**, actinal surfaces of a syntype; MNHN-IE-2014-34. Scale bar: 20 mm.

Sclerasterias mazophorus – Clark in Clark & Mah 2001: 298.

CURRENT STATUS. — *Sclerasterias mazophorus* (Wood-Mason & Alcock, 1891).

TYPE MATERIAL. — **Andaman sea** • 1 syntype; *Investigator* Survey; Indian Museum leg.; MNHN-IE-2014-382.

REMARK

The type locality of *A. mazophorus* (*Investigator* Survey, Andaman Sea, station 115, 344-403 m) is the only known locality of the species.

mediterranea Perrier, 1885, *Brisinga*

Brisinga mediterranea Perrier, 1885: 3; 1894: 70, pl. 3, fig. 1a, f.

Hymenodiscus coronata – Mah in Clark & Mah 2001: 326.

CURRENT STATUS. — *Hymenodiscus coronata* (G. O. Sars, 1871).

TYPE MATERIAL. — **Bay of Biscay** • 1 syntype (arms); station 1; *Travailleur* expedition 1881; 43°03'N, 02°58'W; depth 555 m; MNHN-IE-2014-195 • 2 syntypes; same as for preceding; station 17; 43°15'N, 05°01'W; depth 2660 m; MNHN-IE-2014-168.

mena Mah, 2017, *Ferdina*

Ferdina mena Mah, 2017: 19, fig. 5A-H.

CURRENT STATUS. — *Ferdina mena* Mah, 2017.

TYPE MATERIAL. — **Madagascar** • holotype; Nosy manitsa; MNHN-IE-2007-5091 • 1 paratype; same as holotype; MNHN-IE-2007-5078 • 1 paratype, same as holotype; MNHN-IE-2007-5081 • 1 paratype; Choumare Island; MNHN-IE-2007-4984 • 1 paratype; same as for preceding; MNHN-IE-2007-5051 • 1 paratype; Cape Sainte Marie; MNHN-IE-2007-5104 • 1 paratype; same as for preceding; MNHN-IE-2007-5114 • 1 paratype; same as preceding; MNHN-IE-2007-51129 • 1 paratype; Cape Antsirabe; MNHN-IE-2007-5006 • 1 paratype; Flacourt lighthouse; MNHN-IE-2007-4939 • 1 paratype; same as for preceding; MNHN-IE-2007-4979 • 1 paratype; Galions Bay; MNHN-IE-2007-4934 • 1 paratype; same as for preceding; MNHN-IE-2007-4941 • 1 paratype; same as for preceding; MNHN-IE-2007-5019 • 1 paratype; Fort-Dauphin Bay; MNHN-IE-2007-5032 • 1 paratype; Lavonono; MNHN-IE-2007-5106 • 1 paratype; Narendry; MNHN-IE-2007-1099 • 1 paratype; Nosy Be; MNHN-IE-2013-6602 • 1 paratype; Tozer Bank; MNHN-IE-2007-5076 • 1 paratype; same as for preceding; MNHN-IE-2007-5105 • 1 paratype; W Evatra tip; MNHN-IE-2007-4961 • 1 paratype; same as for preceding; MNHN-IE-2007-4975.

michaelseni Koehler, 1914, *Astropecten*

Astropecten michaelseni Koehler, 1914: 144, pl. 4, figs 3-6, 8-11, pl. 5, figs 1-2, 13, 15-17.

Astropecten irregularis pontoporeus – Clark & Downey 1992: 38.

CURRENT STATUS. — *Astropecten irregularis pontoporeus* (Sladen, 1883).

TYPE MATERIAL. — **West Africa** • 2 syntypes; MNHN-IE-2014-19.

REMARK

Koehler (1914) reports 48 specimens from thirteen different localities (from Liberia to Angola).

micHELINI Perrier, 1869, *Goniodiscus*

Goniodiscus micHELINI Perrier, 1869: 89.

Nidorellia micHELINI – Perrier 1875: 252.

Nidorellia armata – Clark 1993: 306.

CURRENT STATUS. — *Nidorellia armata* (Gray, 1840).

TYPE MATERIAL. — **Mexico** • holotype; Mazatlan; Michelin leg.; MNHN-IE-2014-467.

milLePORELLA Lamarck, 1816, *Asterias*

Asterias milLePORELLA Lamarck, 1816: 564.

Fromia milLePORELLA – Clark 1993: 332; Jangoux 2021: 231.

CURRENT STATUS. — *Fromia milLePORELLA* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • 1 syntype; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-57 • 1 syntype; same as for preceding; MNHN-IE-2013-4376.

REMARK

Photographs and original drawings of *A. milLePORELLA* syntype are presented in Jangoux (2021: 232, fig. 20).

**minimus*, Perrier, 1875, *Pentagonaster*

Pentagonaster minimus Perrier, 1875: 207.

Tosia nobilis – Clark 1993: 289.

CURRENT STATUS. — *Tosia nobilis* (Müller & Troschel, 1843).

REMARKS

Tosia nobilis is a Western Australian species.

minuta Perrier, 1875, *Anasterias*

Anasterias minuta Perrier, 1875: 81. — Clark in Clark & Mah 2001: 245.

CURRENT STATUS. — *Anasterias minuta* Perrier, 1875

TYPE MATERIAL. — **Unknown origin** • holotype; *L'Astrolabe* & *La Zélée* expedition (1837-1840); Hombron & Jacquinot leg.; MNHN-IE-2014-261.

REMARK

Status doubtful; *A. minuta* is a juvenile individual (Clark in Clark & Mah 2001: 245).

minutus Müller & Troschel, 1842, *Asteriscus*

Asteriscus minutus Müller & Troschel 1842: 41.

Asterina stellifera – Clark 1993: 214.

CURRENT STATUS. — *Asterina stellifera* (Möbius, 1859).

TYPE MATERIAL. — **Brazil** • 4 syntypes; Rio de Janeiro; *L'Herminie* expedition; 1830-1832; Gaudichaud leg.; MNHN-IE-2014-238.

mirabilis Perrier, 1881, *Archaster*

Archaster mirabilis Perrier, 1881: 27; 1884: 256, pl. 8, figs 7-8, pl. 9, fig. 4, pl. 10, figs 2, 3.

Cheiraster (Christopheraster) mirabilis – Clark & Downey 1992: 133.

CURRENT STATUS. — *Cheiraster (Christopheraster) mirabilis* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 2 paratypes; St Kitts; BLAKE expedition (1878-1879); MNHN-IE-2014-369 • 1 paratype, same as for preceding; MNHN-IE-2014-351 • 3 paratypes; Barbados; same as for preceding; MNHN-IE-2014-621 • 20 paratypes; Cariacou; same as for preceding; MNHN-IE-2014-344 • 1 paratype; Dominica; same as for preceding; MNHN-IE-2014-350 • 10 paratypes; unspecified locality; same as for preceding; MNHN-IE-2014-348.

REMARK

The holotype is deposited in MCZ (MCZ 10) (Clark & Downey 1992).

modestus Perrier, 1881, *Echinaster*

Echinaster modestus Perrier, 1881: 7; 1884: 206, pl. 3, fig. 7; Clark 1996: 224.

CURRENT STATUS. — *Echinaster modestus* Perrier, 1881.

TYPE MATERIAL. — **Caribbean Sea** • 1 paralectotype; St Vincent; BLAKE expedition (1878-1879); depth 225 m; MNHN-IE-2014-372.

REMARK

Lectotype and several paralectotypes are deposited in MCZ (MCZ 1080 [lectotype], MCZ 4668 and MCZ 1119 [paralectotypes]) (Clark & Downey 1992).

mollis Mah, 2018 *Mediaster*

Mediaster mollis Mah, 2018: 54.

CURRENT STATUS. — *Mediaster mollis* Mah, 2018.

TYPE MATERIAL. — **Comoros** • holotype; NE Mayotte Island; Biomaglo expedition; MNHN-IE-2013-17228 • paratype; SW Mayotte Island; Biomaglo expedition; MNHN-IE-2013-17225.

momo Mah, 2017, *Neoferdina*

Neoferdina momo Mah, 2017: 56, fig. 19A-E.

CURRENT STATUS. — *Neoferdina momo* Mah, 2017.

TYPE MATERIAL. — **Madagascar** • holotype; Faux Cap; Atimo Vatae expedition; depth 128-133 m; MNHN-IE-2007-3855 • 1 paratype; same as for preceding; depth 133-178 m; MNHN-IE-2007-3869 • 1 paratype; same as for preceding; depth 65-66 m; MNHN-IE-2007-3870 • 1 paratype; same as for preceding; depth 88-90 m;

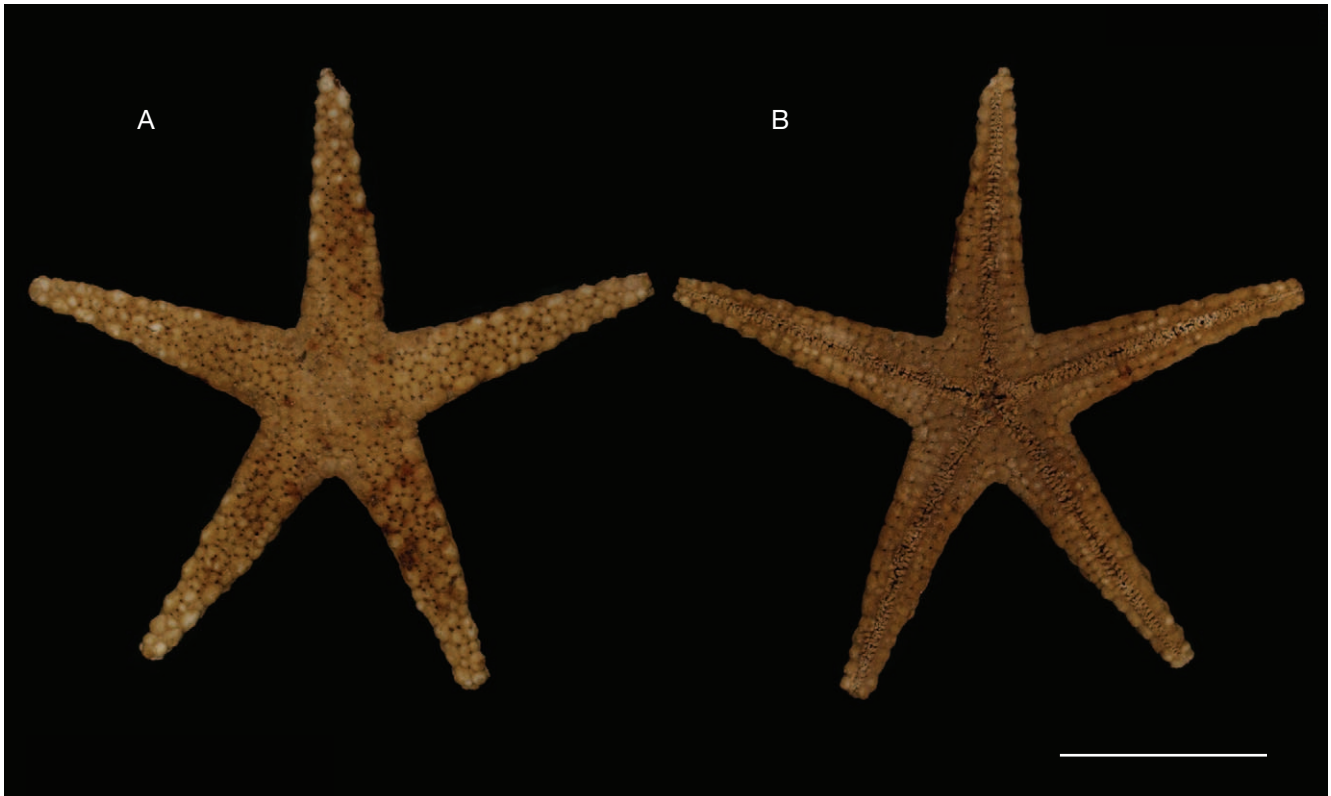


FIG. 20. — *Scytaster monilis* Perrier, 1869: **A**, abactinal; **B**, actinal surfaces of the holotype (MNHN-IE-2014-58).

MNHN-IE-2007-3884 • 1 paratype; same as for preceding; depth 111-115 m; MNHN-IE-2007-3989 • 1 paratype; Fort Dauphin; same as for preceding; depth 148-155 m; MNHN-IE-2007-3902 • 1 paratype; same as for preceding; depth 97-98 m; MNHN-IE-2007-4039 • 1 paratype; Sainte Lucie; same as for preceding; depth 99-101 m; MNHN-IE-2007-3975 • 1 paratype; same as for preceding; depth 80-86 m; MNHN-IE-2007-3982 • 1 paratype; same as for preceding; depth 80-83 m; MNHN-IE-2007-3986 • 1 paratype; same as for preceding; depth 80-86 m; MNHN-IE-2007-4397 • 1 paratype; Cap Saint Marie; same as for preceding; depth 143 m; MNHN-IE-2007-3853 • 1 paratype; Lavonaro; same as for preceding; depth 122-123 m; MNHN-IE-2007-3875.

mollis Perrier, 1885, *Crenaster*

Crenaster mollis Perrier, 1885: 71; 1894: 310, pl. 18, fig. 3a, b.

Dytaster mollis – Clark & Downey 1992: 55.

CURRENT STATUS. — *Dytaster mollis* (Perrier, 1869).

TYPE MATERIAL. — **Azores** • holotype (fragments); station 131; *Talisman* expedition; 1883; 38°38'N, 27°26'W; depth 2995 m.

monilis Perrier, 1869, *Scytaster*
(Fig. 20)

Scytaster monilis Perrier, 1869: 62.

Fromia monilis – Perrier 1975: 179. — Clark 1993: 332.

CURRENT STATUS. — *Fromia monilis* (Perrier, 1869).

TYPE MATERIAL. — **Unknown origin** • holotype. MNHN-IE-2014-58. **Sunda Islands** • co-type (designated by Guille & Jangoux 1978); Billiton Island; Korotneff leg.; MNHN-IE-2014-123.

mortenseni Cadenat, 1941, *Luidia*

Luidia mortenseni Cadenat, 1941 53, figs 1-3.

Luidia heterozona heterozona – Clark & Downey 1992: 14.

CURRENT STATUS. — *Luidia heterozona heterozona* Fisher, 1940.

TYPE MATERIAL. — **Mauritania** • 5 syntypes, Cape Blanc, Cadenat leg.; 1941; MNHN-IE-2014-15.

muelleri nomen dubium, *Scytaster*

TYPE MATERIAL. — **West Indies** • 3 syntypes; Virgin Islands, Saint Thomas; Michelin leg.; MNHN-IE-2014-469.

REMARKS

The three specimens from St Thomas (Virgin Islands) of the MNHN collection are considered type specimens of *Scytaster muelleri*, a species presumably described by Duchassaing (1850). Yet neither this publication nor any other Duchassaing's publications include the description of a *S. muelleri* species which, consequently, should be considered a long-lasting *nomen dubium*. The MNHN syntypes of *Scytaster muelleri* belong to the species *Ophidiaster guildingi*.

**multifora*, Lamarck, 1816, *Asterias*

Asterias multifora Lamarck, 1816: 565.

Linckia multifora – Clark 1993: 339. — Jangoux 2021: 233.

CURRENT STATUS. — *Linckia multifora* (Lamarck, 1816).

REMARK

Original drawings of *A. multifora* are presented in Jangoux (2021: 232 fig. 21).

musorstomi Aziz & Jangoux, 1984, *Nearchaster*

Nearchaster musorstomi Aziz & Jangoux, 1984: 281, pl. 1, fig. A-D – Clark 1989: 319.

CURRENT STATUS. — *Nearchaster musorstomi* Aziz & Jangoux, 1984.

TYPE MATERIAL. — **Macassar Strait** • holotype; Corindon campaign; 1980; 490 m; MNHN-IE-2013-4345.

myosorus Perrier, 1869, *Astropecten*

Astropecten myosorus Perrier, 1869: 106.

Astropecten bispinosus – Clark 1989: 253.

CURRENT STATUS. — *Astropecten bispinosus* (Otto, 1823).

TYPE MATERIAL. — **Mediterranea** • 3 syntypes; MNHN-IE-2014-9.

nadiae Mah, 2017, *Eosaster*

Eosaster nadiae Mah, 2017: 14, fig. 3A-F.

CURRENT STATUS. — *Eosaster nadiae* Mah, 2017.

TYPE MATERIAL. — **New Caledonia** • holotype; Antigonie Bank; SMIB 4 expedition; 23°21'S, 168°5'E; depth 215-260 m; MNHN-IE-2013-6810 • 1 paratype, Jumeau Bank, MNHN-IE-2013-6814 • 1 paratype, same as for preceding, MNHN-IE-2013-6823.

narcissiae Perrier, 1885, *Fromia*

Fromia narcissiae Perrier, 1885: 28 – Perrier 1894: 331.

Narcissia canariensis – Clark & Downey 1992: 277.

CURRENT STATUS. — *Narcissia canariensis* (d'Orbigny, 1839).

TYPE MATERIAL. — **Cape Verde Islands** • 2 syntypes; *Talisman* expedition; 1883; 75 m; MNHN-IE-2014-142.

necator Perrier, 1894, *Astrogonium*

Astrogonium necator Perrier, 1894: 350, pl. 23, fig. 1a, b.

Pseudarchaster gracilis gracilis – Clark & Downey 1992: 262.

CURRENT STATUS. — *Pseudarchaster gracilis gracilis* (Sladen, 1889).

TYPE MATERIAL. — **Azores** • holotype; station 127; *Talisman* expedition; 1883; 38°38'N, 30°41'W; depth 1257 m; MNHN-IE-2014-127.

**nodosa*, Perrier, 1875 *Linckia*

Linckia nodosa Perrier, 1875: 153 – Clark & Downey 1992: 276.

CURRENT STATUS. — *Linckia nodosa* Perrier, 1875.

REMARKS

Perrier's syntypes were from Michelin's collection and of unknown origin.

L. nodosa is reported from North Carolina to South Brazil and from St Helena.

nodosus Perrier, 1875, *Chaetaster*
(Fig. 21)

Chaetaster nodosus Perrier, 1875: 330. — Clark & Downey 1992: 146.

CURRENT STATUS. — *Chaetaster nodosus* Perrier, 1875.

TYPE MATERIAL. — **Guadeloupe** • Holotype; Duchassaing leg.; 1870; MNHN-IE-2014-21.

noemieae Mah, 2018 *Iphiaster*

Iphiaster noemieae Mah, 2018: 44.

CURRENT STATUS. — *Iphiaster noemieae* Mah, 2018.

TYPE MATERIAL. — **Off Madagascar** • Holotype. Southern plain of Walters shoal (south of Cape Sainte Marie), MNHN-IE-2013-17137 • paratype; northern plain of Walters shoal (south of Cape Sainte Marie); MNHN-IE-2013-171413

**novaeboracensis* Perrier, 1869, *Asteracanthion*

Asteracanthion novaeboracensis Perrier, 1869: 41, pl. 1, fig. 9a.

Asterias arenicola – Perrier 1875: 51.

Asterias forbesi – Clark & Downey 1992: 421.

CURRENT STATUS. — *Asterias forbesi* (Desor, 1848).

novaecaledoniae Mah, 2007, *Akelbaster*

Akelbaster novaecaledoniae Mah, 2007: 318, fig. 3A-F.

CURRENT STATUS. — *Akelbaster novaecaledoniae* Mah, 2007.

TYPE MATERIAL. — **New Caledonia** • holotype. station DW 178; Jumeau Bank; SMIB 8 campaign; 23°45'S, 168°17'E; depth 400 m, MNHN-IE-2014-312 • 1 paratype; station DW 18; SMIB 3 campaign; 23°42'S, 167°57'E; depth 338 m; MNHN-IE-2014-294 • 4 paratypes; station DW 50; SMIB 4 campaign; 23°42'S, 168°01'E; depth 260-295 m; MNHN-IE-2014-295 • 2 paratypes; station DW 51; same as for preceding; 23°41'S, 168°01'E; depth 245-260 m; MNHN-IE-2014-308 • 1 paratype; station DW 75; SMIB

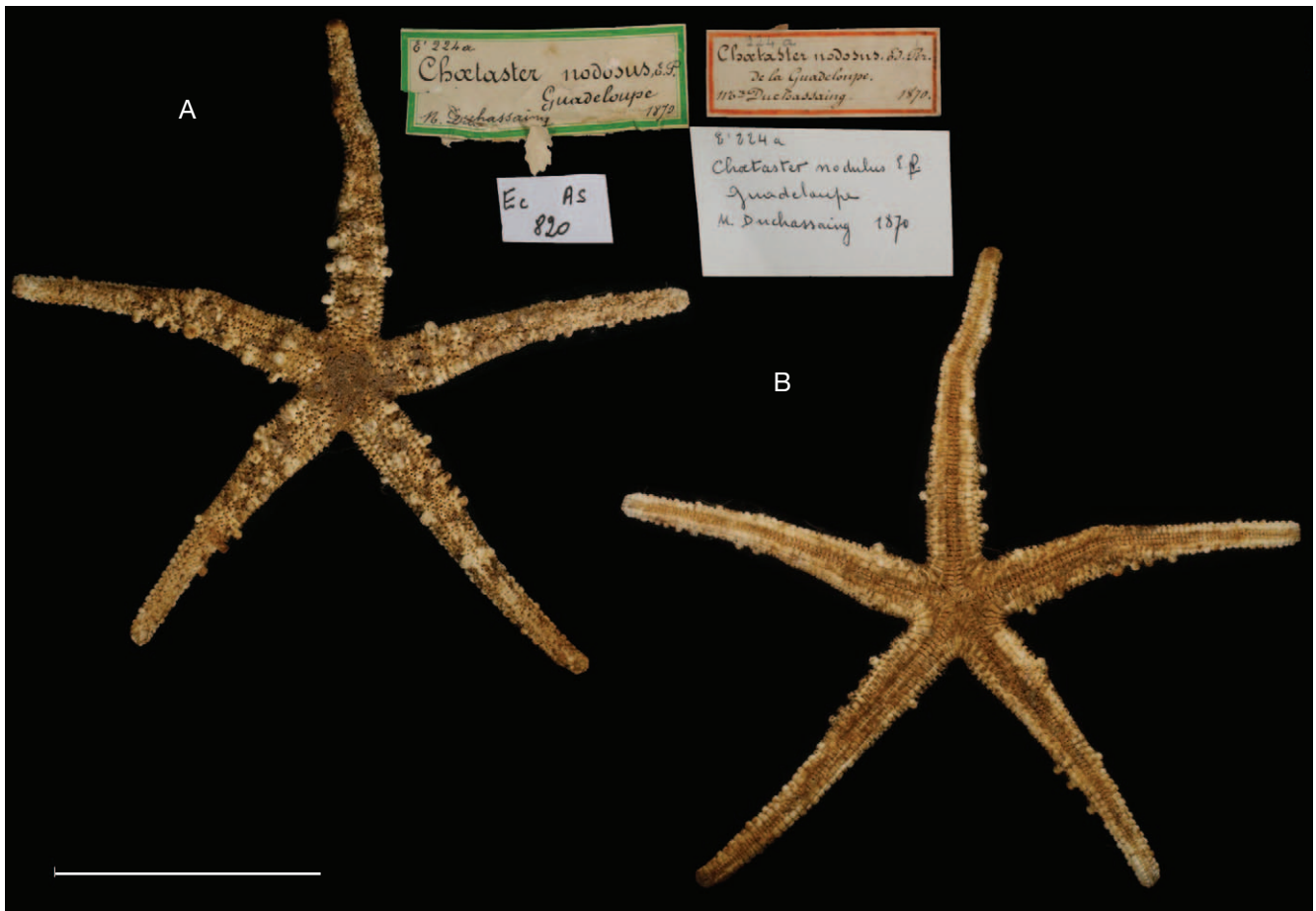


FIG. 21. — *Chaetaster nodosus* Perrier, 1875: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-21. Scale bar: 50 mm

5 campaign; 23°41'S, 168°01'E; 50-270 m; MNHN-IE-2014-313 • 1 paratype; station DW 87; same as for preceding; 22°19'S, 168°41'E; depth 335-370 m; MNHN-IE-2014-314 • 3 paratypes; station DW 102; same as for preceding; 23°20'S, 163°05'E; depth 290-305 m; MNHN-IE-2014-293 • 2 paratypes; station DW 101; same as for preceding; 23°22'S, 168°05'E; depth 225-270 m; MNHN-IE-2014-311 • 2 paratypes; station CP 806; same as for preceding; MNHN-IE-2014-305 • 3 paratypes; station DW 73; same as for preceding; 23°40'S, 168°01'E; depth 230-240 m; MNHN-IE-2014-306 • 1 paratype; station DW 77; same as for preceding; 23°41'S, 168°01'E; depth 230-270 m; MNHN-IE-2014-307. **Pacific Ocean** • 2 paratypes; station CP 806; Norfolk ridge; BATHUS 3 campaign; 23°42'S, 168°01'E; 308-312 m; MNHN-IE-2014-292.

novaecaledoniae Perrier, 1875, *Scytaster*

Scytaster novaecaledoniae Perrier, 1875: 162.

Nardoa novaecaledoniae – Clark 1993: 342.

CURRENT STATUS. — *Nardoa novaecaledoniae* (Perrier, 1875).

TYPE MATERIAL. — **New Caledonia** • 3 syntypes; Balansa leg.; 1872; MNHN-IE-2014-425 • 3 syntypes, Germain leg.; 1875; MNHN-IE-2014-426.

novaecaledoniae Jangoux, 1982, *Tremaster*

Tremaster novaecaledoniae Jangoux, 1982: 159, fig. 1 A-D, pl. 3, fig. A-E, pl. 4, fig. A-F. — Clark 1993: 228.

CURRENT STATUS. — *Tremaster novaecaledoniae* Jangoux, 1982.

TYPE MATERIAL. — **New Caledonia** • holotype; SE of Kuto Island; depth 480-505 m; MNHN-IE-2014-619 • 2 paratypes; same as holotype; MNHN-IE-2014-76.

**novaeseelandiae* Perrier, 1875, *Asterina*

Asterina novaeseelandiae Perrier, 1875: 308.

Patiriella regularis – Mah 2009 (Worms).

CURRENT STATUS. — *Patiriella regularis* (Verrill, 1867).

REMARK

One individual of the species, from New Zealand, was formerly referenced as holotype under number ECAH 3928.

numidica Koehler, 1911, *Luidia*

Luidia numidica Koehler, 1911a: 3, pl.1, figs 8-11.

Luidia alternata numidica – Clark & Downey 1992: 9.

CURRENT STATUS. — *Luidia alternata numidica* Koehler, 1911.

TYPE MATERIAL. — **Guinea** • holotype. Los Island; Gruvel scientific mission; 1909-1910; MNHN-IE-2014-6.

nuttingi Fisher, 1906, *Patagiaster*

Patagiaster nuttingi Fisher, 1906: 1029, pl. 9, fig. 2-2a, pl. 12, fig. 3, pl. 17, fig. 1. — Clark 1989: 284.

CURRENT STATUS. — *Patagiaster nuttingi* Fisher, 1906.

TYPE MATERIAL. — **Hawaii** • 1 syntype; 403 m; MNHN-IE-2014-347.

REMARK

Holotype in USNM (Ref. 21152) (Fisher 1906).

obtusangula Lamarck, 1816, *Asterias*

Asterias obtusangula Lamarck, 1816.

Pseudoreaster obtusangulus – Clark 1993: 318. — Jangoux 2021: 234.

CURRENT STATUS. — *Pseudoreaster obtusangulus* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • holotype (fragments); Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-92.

REMARK

Photograph and original drawings of *A. obtusangula* holotype are presented in Jangoux (2021: 235, fig. 24).

obtusata Bory de Saint Vincent, 1827, *Asterias*
(Fig. 22)

Asterias obtusata Bory de Saint Vincent, 1824.

Pentaster obtusatus – Clark 1993: 317.

CURRENT STATUS. — *Pentaster obtusatus* (Bory de Saint Vincent, 1824).

TYPE MATERIAL. — Unknown origin • 3 syntypes; MNHN-IE-2013-4352.

REMARKS

Bory's species is based on a drawing of an unidentified *Asterias* (Bruguère 1791, pl. 103).

P. obtusata occurs in the Indo-Malayan region and the Philippines.

ocellifera Lamarck, 1816, *Asterias*

Asterias ocellifera Lamarck, 1816: 553.

Nectria ocellifera – Clark 1993: 305. — Jangoux 2021: 235.

CURRENT STATUS. — *Nectria ocellifera* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • holotype; Baudin expedition (1800-1804); Péron & Lesueur leg.; MNHN-IE-2014-24.

REMARK

Photographs and original drawings of *A. ocellifera* holotype are presented in Jangoux (2021: 236, fig. 25).

octoradiatus Ludwig, 1903, *Solaster*

Solaster octoradiatus Ludwig, 1903: 25, pl. 3, figs 21, 22.

Solaster regularis subarcuatus – Clark 1996: 194.

CURRENT STATUS. — *Solaster regularis subarcuatus* Sladen, 1889.

TYPE MATERIAL. — **Antarctic** • 1 syntype; *Belgica* expedition (1897-1899); 70°00S-80°48'W; 500 m; MNHN-IE-2014-398.

REMARK

Six syntypes are kept in the RBINS (IG 10131, stations 4, 7 & 9) (Jangoux & Massin 1986).

**ophidianus* Lamarck, 1816, *Asterias*

Asterias ophidianus Lamarck, 1816: 555.

Ophidiaster ophidianus – Clark 1993: 215.

CURRENT STATUS. — *Ophidiaster ophidianus* (Lamarck, 1816).

REMARK

The species is distributed from Western Mediterranean to the Gulf of Guinea.

**ornatus* Perrier, 1869, *Echinaster*

Echinaster ornatus Perrier, 1869: 59.

Henricia ornata – Clark 1996: 237.

CURRENT STATUS. — *Henricia ornata* (Perrier, 1869).

REMARK

Individuals of the species were formerly referenced under number ECAH 4083 (Cape of Good Hope; 2 syntypes; Castelneau leg.; 1858).

ornithopus, Müller & Troschel, 1842, *Ophidiaster*

Ophidiaster ornithopus Müller & Troschel, 1842: 31.

Linckia guildingi – Clark & Downey 1992: 275.

CURRENT STATUS. — *Linckia guildingi* Gray, 1840.

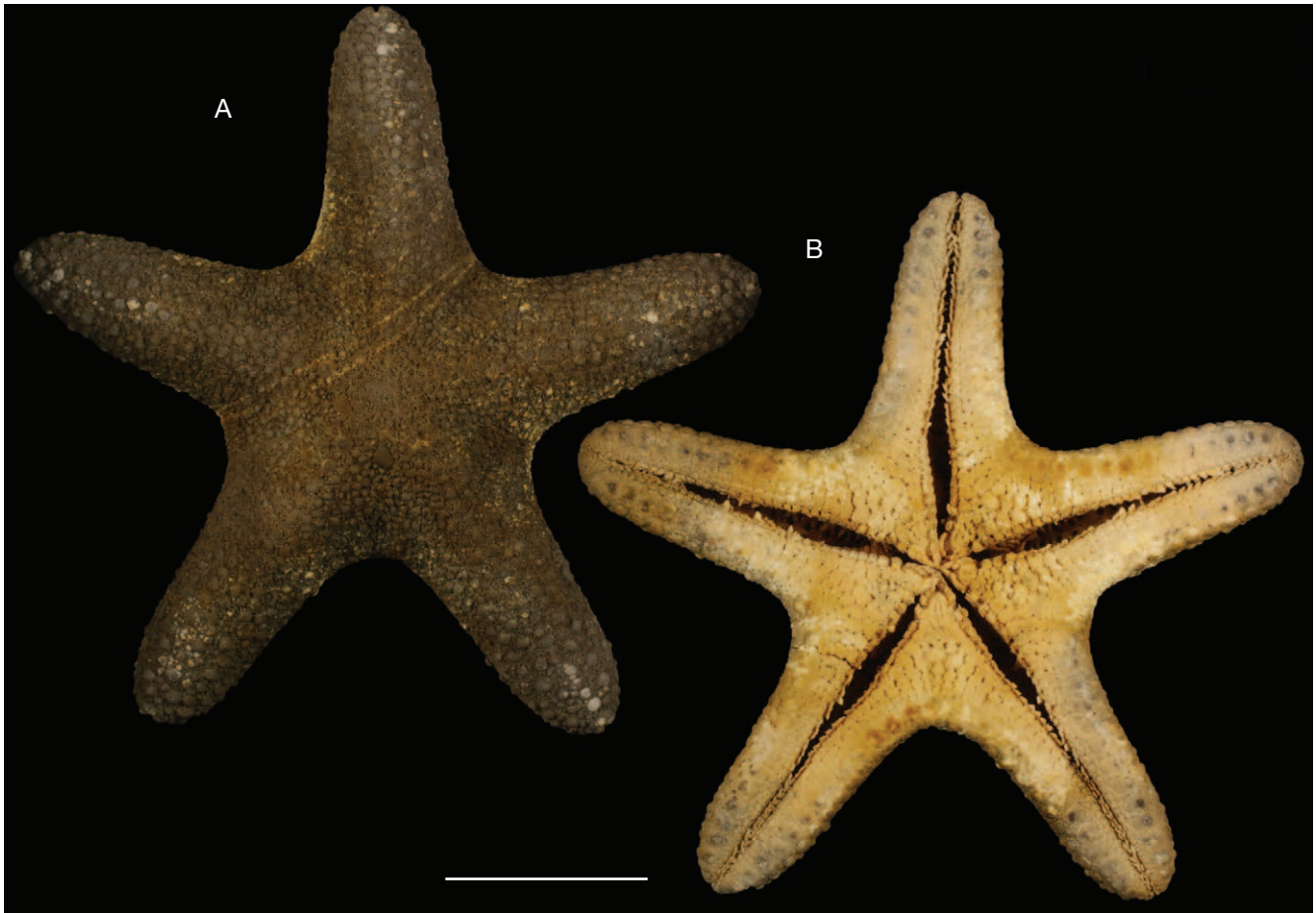


FIG. 22. — *Asterias obtusata* Bory de Saint Vincent, 1824: **A**, abactinal; **B**, actinal surfaces of a syntype (MNHN-2013-IE-4352). Scale bar: 50 mm.

TYPE MATERIAL. — Mexico • 2 syntypes; Vera Cruz; MNHN-IE-2017-915.

REMARK

Linckia guildingi is a pantropical species.

palmatum Perrier, 1881, *Korethraster*

Korethraster palmatum Perrier, 1881: 12; 1884: 211, pl. 8, figs 5, 6.

Remaster palmatum – Clark & Downey 1992: 343.

CURRENT STATUS. — *Remaster palmatum* (Perrier, 1881).

TYPE MATERIAL. — Caribbean Sea • 1 syntype; Barbados; BLAKE expedition; 1878-1879; depth 298 m; MNHN-IE-2014-139 • 3 syntypes, same as for preceding; depth 139 m; MNHN-IE-2014-145 • 2 syntypes; same as for preceding; depth 366 m; MNHN-IE-2014-147.

papillosa Koehler, 1905, *Diplasterias*

Diplasterias papillosa Koehler, 1905: 466 – Koehler 1906: 21, pl. 1, figs 2-5, pl. 2, figs 18, 19.

Adelasterias papillosa – Clark in Clark & Mah 2001: 243.

CURRENT STATUS. — *Adelasterias papillosa* (Koehler, 1905).

TYPE MATERIAL. — Antarctic • 1 syntype; French Antarctic expedition; 1903-1905; unspecified locality; MNHN-IE-2014-243 • 1 syntype; same as for preceding; MNHN-IE-2014-255 • 1 syntype; same as for preceding; MNHN-IE-2014-486.

REMARK

One of the syntype was collected at Moureau Island. The locality of the two others is not reported by Koehler (1906).

papillosa Perrier, 1891 *Ganeria*

Ganeria papillosa Perrier, 1891: 121, pl. 12, fig 1a-b.

Ganeria falklandica – Clark 1993: 201.

CURRENT STATUS. — *Ganeria falklandica* Gray, 1847.

TYPE MATERIAL. — Tierra del Fuego Archipelago • holotype. Orange Bay; Cape Horn expedition; 1882-1883; MNHN-IE-2014-75.

papillosus Michelin, 1845, *Heresaster*

Heresaster papillosus Michelin, 1845: 19, pl. 9.

Mithrodia clavigera – Clark 1993: 324.

CURRENT STATUS. — *Mithrodia clavigera* (Lamarck, 1816).

TYPE MATERIAL. — **Mauritius** • holotype; Michelin leg.; MNHN-IE-2014-37.

parfaiti Perrier, 1885, *Coronaster*

Coronaster parfaiti Perrier, 1885: 14; 1894: 93, pl. 8, fig. 1a-d.

Coronaster briareus – Clark & Downey 1992: 460.

CURRENT STATUS. — *Coronaster briareus* (Verrill, 1882).

TYPE MATERIAL. — **Cape Verde Islands** • holotype; station 103; *Talisman* expedition; 1883; 15°N-26°W; depth 250 m; MNHN-IE-2014-276.

parfaiti Perrier, 1885, *Hyphalaster*

Hyphalaster parfaiti Perrier, 1885: 65; 1894: 229, pl. 16, fig. 2.

Hyphalaster inermis – Clark & Downey 1992: 98.

CURRENT STATUS. — *Hyphalaster inermis* Sladen, 1883.

TYPE MATERIAL. — **Bay of Biscay** • holotype; station 135; *Talisman* expedition; 1883; 46°09'N, 09°16'W; depth 4785 m; MNHN-IE-2014-686.

parva Koehler, 1912, *Cribrella*

Cribrella parva Koehler, 1912: 152; 1912a: 40, pl. 4, figs 3, 8.

Henricia pagenstcheri – Clark 1996: 238.

CURRENT STATUS. — *Henricia pagenstcheri* (Sladen, 1885).

TYPE MATERIAL. — **Antarctic** • holotype; Admiralty Bay (King Georges Island, South Shetland); *Pourquoi-Pas?* expedition (1908-1910); 62°12'S, 60°55'W; depth 120 m; MNHN-IE-2014-43.

parvulus Perrier, 1891, *Pedicellaster*

Pedicellaster parvulus Perrier, 1891a: 258; 1896: 21, pl. 1, fig. 3-3a.

Sclerasterias tanneri – Clark in Clark & Mah 2001: 298.

CURRENT STATUS. — *Sclerasterias tanneri* (Verrill, 1895).

TYPE MATERIAL. — **Atlantic Ocean** • 1 syntype; station 162; *L'Hirondelle* campaign (1887); 46°50'N, 50°12'W; depth 155 m; Prince Albert of Monaco leg.; MNHN-IE-2014-375.

REMARK

26 syntypes in the MONA (Belloc 1950).

parvus Perrier, 1881, *Pentagonaster*

Pentagonaster parvus Perrier, 1881: 19; 1884: 231, pl. 7, figs 7, 8.

Pawsonaster parvus – Mah 2007: 316.

CURRENT STATUS. — *Pawsonaster parvus* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 1 paralectotype; Granada; BLAKE expedition; 1878-1879; MNHN-IE-2014-70 • 1 paralectotype; Barbados; same as for preceding; MNHN-IE-2014-197.

REMARK

The lectotype is deposited in the MCZ (MCZ 417) (Clark & Downey 1992).

patagonicum Perrier, 1891, *Astrogonium*

Astrogonium patagonicum Perrier, 1891: 125, pl. 13, fig. 2a, b.

Pseudarchaster discus – Clark 1993: 278.

CURRENT STATUS. — *Pseudarchaster discus* Sladen, 1889.

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; Beagle Channel; Cape Horn expedition (1882-1883); depth 283 m; MNHN-IE-2014-77.

pauciporis Jangoux, 1984, *Coronaster*

Coronaster pauciporis Jangoux, 1984: 290, pl. 3.

CURRENT STATUS. — *Coronaster pauciporis* Jangoux, 1984.

TYPE MATERIAL. — **New Caledonia** • holotype; Ouvéa (southern Pléiades); depth 20-30 m; MNHN-IE-2014-80 • 1 paratype; same as holotype; MNHN-IE-2014-103.

paxillosus Perrier, 1891, *Lebrunaster*

Lebrunaster paxillosus Perrier, 1891: 116.

Cycethra verrucosa – Clark 1993: 200.

CURRENT STATUS. — *Cycethra verrucosa* (Philippi, 1857).

TYPE MATERIAL. — **Patagonia** • holotype; Santa Cruz; Cape Horn expedition; 1882-1883; MNHN-IE-2014-266.

pedicellaris Perrier, 1891, *Asterodon*

Asterodon pedicellaris Perrier, 1891: 135, pl. 13, fig. 1a, c.

Odontaster penicillatus – Clark 1993: 197.

CURRENT STATUS. — *Odontaster penicillatus* (Philippi, 1870).

TYPE MATERIAL. — **Terra del Fuego Archipelago** • 2 syntypes; Gebel Island; Cape Horn expedition; 1882-1883; MNHN-IE-2014-184 • 1 syntype; Orange Bay; same as for preceding; MNHN-IE-2014-337 • 2 syntypes; Ushuaïa; same as for preceding; MNHN-IE-2014-329 • 1 syntype; unspecified locality; same as for preceding; MNHN-IE-2014-594 • 1 syntype; same as for preceding; MNHN-IE-2014-598.

Chile • 1 syntype; Cape Horn expedition; 1882-1883; Punta Arena; MNHN-IE-2014-82.

pedicellaris Perrier, 1881 *Goniodiscus*

Goniodiscus pedicellaris Perrier, 1881: 23; 1884: 245, pl. 4, fig. 3.

Mediaster pedicellaris – Clark & Downey 1992: 253.

CURRENT STATUS. — *Mediaster pedicellaris* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 2 paratypes; Saint Vincent; BLAKE expedition; 1878-1879; depth 210 m; MNHN-IE-2014-133 • 1 paratype; Saint Lucia; same as for preceding; depth 276 m; MNHN-IE-2014-135.

REMARK

Holotype in MCZ (MCZ 470) (Clark & Downey 1992).

pedicellaris Koehler, 1923, *Sporasterias*

Sporasterias pedicellaris Koehler, 1923: 18, pl. 5, figs 1-6, pl. 6, figs 1-5, 7-10.

Anasterias pedicellaris – Clark in Clark & Mah 2001: 246.

CURRENT STATUS. — *Anasterias pedicellaris* (Koehler, 1923).

TYPE MATERIAL. — **Falkland Islands** • 2 syntypes, Port Louis (Berkeley Sound); Swedish Antarctic expedition; 1901-1903; MNHN-IE-2014-442.

**penicillaris* Lamarck, 1816: 555 *Asterias*

Asterias penicillaris Lamarck 1816: 555.

Asterinopsis penicillaris – Clark 1993: 215. — Jangoux 2021: 236.

CURRENT STATUS. — *Asterinopsis penicillaris* (Lamarck, 1816).

REMARKS

Original drawings of *A. penicillaris* are presented in Jangoux (2021: 238 fig. 28).

Lamarck's specimen originated from the "South Seas".

pedonculatus Perrier, 1882, *Caulaster*

Caulaster pedonculatus Perrier, 1882a: 1379; 1894: 204, pl. 15, fig. 1a-e.

Porcellanaster ceruleus – Clark & Downey 1992: 99.

CURRENT STATUS. — *Porcellanaster ceruleus* Wyville Thomson, 1877.

TYPE MATERIAL. — **Bay of Biscay** • holotype; station 4; *Travailleur* expedition; 1881; depth 1960 m; MNHN-IE-2014-245.

peircei Perrier, 1881, *Anthenoides*

Anthenoides peircei Perrier, 1881: 23; 1884: 247, pl. 8, fig. 1; Clark & Downey 1992: 228.

CURRENT STATUS. — *Anthenoides peircei* Perrier, 1881.

TYPE MATERIAL. — **Guadeloupe** • 1 paratype; BLAKE expedition 1878-1879; depth 192 m; MNHN-IE-2014-148.

REMARK

Holotype and 1 paratype in the MCZ (MCZ 480-481) (Clark & Downey 1992).

penangensis Loriol, 1891, *Luidia*

Luidia penangensis Loriol, 1891: 113, pl. 12, fig. 2a-g, 3. — Jangoux 1985: p. 29, pl. 9A-D [designation of lectotype]. — Clark 1989: 245.

CURRENT STATUS. — *Luidia penangensis* Loriol, 1891.

TYPE MATERIAL. — **Malaysia** • 2 paralectotypes; Penang; MNHN-IE-2014-50.

REMARK

Lectotype and several paralectotypes in the MHNG (Jangoux 1985).

pentactis Perrier, 1891, *Lophaster*

Lophaster pentactis Perrier, 1891: 112, pl. 9, fig. 3a, b.

Lophaster stellans – Clark 1996: 189.

CURRENT STATUS. — *Lophaster stellans* Sladen, 1889.

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; Murray Narrows; Cape Horn expedition; 1882-1883; 200 m; MNHN-IE-2014-140.

pentagonalis Alcock, 1893, *Dipsacaster*

Dipsacaster pentagonalis Alcock, 1893b: 172; 1894-1895. pl. 3, fig. 3-3a. — Clark 1989: 276.

CURRENT STATUS. — *Dipsacaster pentagonalis* Alcock, 1893.

TYPE MATERIAL. — **Andaman sea** • 1 syntype; *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-338.

REMARK

The type locality of *D. pentagonalis* (Andaman Sea, *Investigator* Survey, 205 m) is the only known locality for the species.

pentagonalis Mah, 2005, *Glyphodiscus*

Glyphodiscus pentagonalis Mah, 2005: 148, fig 3D-E.

CURRENT STATUS. — *Glyphodiscus pentagonalis* Mah, 2005.

TYPE MATERIAL. — **New Caledonia** • holotype; station DW 146; SMIB 8 campaign; 24°55'S, 168°22'E; depth 514-522 m; MNHN-IE-2014-299 • 2 paratypes; station DW 147; same as for preceding; 24°55'S, 168°22'E; depth 508-532 m; MNHN-IE-2014-304 • 1 paratype; station DW 05; SMIB 3 campaign; 24°55'S, 168°22'E; depth 502-512 m; MNHN-IE-2014-300 • 1 paratype; station DW 27; BERYX 11 campaign; 23°37'S, 167°41'E; depth 460-470 m; MNHN-IE-2014-298 • 1 paratype; station DW 01; LITHIST campaign; 23°37'S, 167°42'E; depth 440 m; MNHN-IE-2014-301.

**pentagonula* Lamarck, 1816, *Asterias*

Asterias pentagonula Lamarck, 1816: 554.

Tosia australis – Jangoux 2021: 238.

CURRENT STATUS. — *Tosia australis* Gray, 1840.

REMARK

Original drawings of *A. pentagonula* are presented in Jangoux (2021: 239 fig. 29).

pentagonus Perrier, 1882, *Marginaster*

Marginaster pentagonus Perrier in Milne-Edwards, 1882: 47. — Perrier 1894: 165, pl. 11, fig. 4a, b.

Poraniomorpha (Culcitopsis) borealis – Clark & Downey 1992: 218.

CURRENT STATUS. — *Poraniomorpha (Culcitopsis) borealis* (Süssbach & Breckner, 1911).

TYPE MATERIAL. — **Atlantic Ocean** • holotype; station 37; *Travailleur* expedition (1881); 44°10'N, 10°38'E; depth 400 m; MNHN-IE-201-244.

**perarmatus*, Perrier, 1869, *Astropecten*

Astropecten perarmatus Perrier, 1869: 103.

Astropecten aranciacus – Clark & Downey 1992: 30.

CURRENT STATUS. — *Astropecten aranciacus* (Linnaeus, 1758).

perplexus Perrier, 1894, *Pontaster*

Pontaster perplexus Perrier, 1894: 288, pl. 22, fig. 1.

Cheiraster (Cheiraster) sepius – Clark & Downey 1992: 129.

CURRENT STATUS. — *Cheiraster (Cheiraster) sepius* (Verrill, 1885).

TYPE MATERIAL. — **Mauritania** • holotype; station 96; Cap Blanc; *Talisman* expedition; 1883; 19°19'N, 20°22'W; depth 2330 m; MNHN-IE-2014-219.

perrieri Loriol, 1904, *Asterina*

Asterina perrieri Loriol, 1904: 27, pl. 2, figs 6-8b.

Patiriella fimbriata – Clark 1993: 209.

CURRENT STATUS. — *Patiriella fimbriata* (Perrier, 1875).

TYPE MATERIAL. — **Chile** • 4 syntypes; Port San Antonio; MNHN-IE-2014-440.

perrieri Koehler, 1895, *Myxaster*
(Fig. 23)

Myxaster perrieri Koehler, 1895a: 446; 1896: 48, pl. 2, fig. 11; Clark & Downey 1992: 337.

CURRENT STATUS. — *Myxaster perrieri* Koehler, 1895.

TYPE MATERIAL. — **Bay of Biscay** • holotype; station 15; *Caudan* campaign; 44°39'N, 04°30'E; depth 1300 m; MNHN-IE-2014-604.

personatus Perrier, 1885, *Cryptaster*

Cryptaster personatus Perrier, 1885: 70; 1894: 191, pl. 14, fig. 4a-c.

Calyptaster personatus – Clark & Downey 1992: 309.

CURRENT STATUS. — *Calyptaster personatus* (Perrier, 1885).

TYPE MATERIAL. — **Azores** • holotype (fragments); station 131; *Talisman* expedition; 1883; 38°38'N, 27°26'W; depth 2995 m; MNHN-IE-2014-258.

petersi Jangoux, 1981, *Dissogenes*

Dissogenes petersi Jangoux, 1981a: 709, pl. 1, fig. A-E. — Clark 1993: 330.

CURRENT STATUS. — *Dissogenes petersi* Jangoux, 1981.

TYPE MATERIAL. — **New Caledonia** • holotype; SW of Pins Island; MNHN-IE-2014-73.

plakos Mah, 2017, *Paraferdina*

Paraferdina plakos Mah, 2017: 63, fig. 22.

CURRENT STATUS. — *Paraferdina plakos* Mah, 2017

TYPE MATERIAL. — **Thailand** • holotype; Racha Yai Island; 30 m; MNHN-IE-2013-6604.

Madagascar • 1 paratype; 14°32'S, 47°26'E; depth 54 m; MNHN-IE-2007-1099.

pleyadella Lamarck, 1816 *Asterias*

Asterias pleyadella Lamarck, 1816: 553.

Protoreaster sp. – Jangoux 2021: 239.

CURRENT STATUS. — *Nomen dubium* recognized as *Protoreaster* sp.

TYPE MATERIAL. — **South Seas** • 2 syntypes; Baudin expedition 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-124.

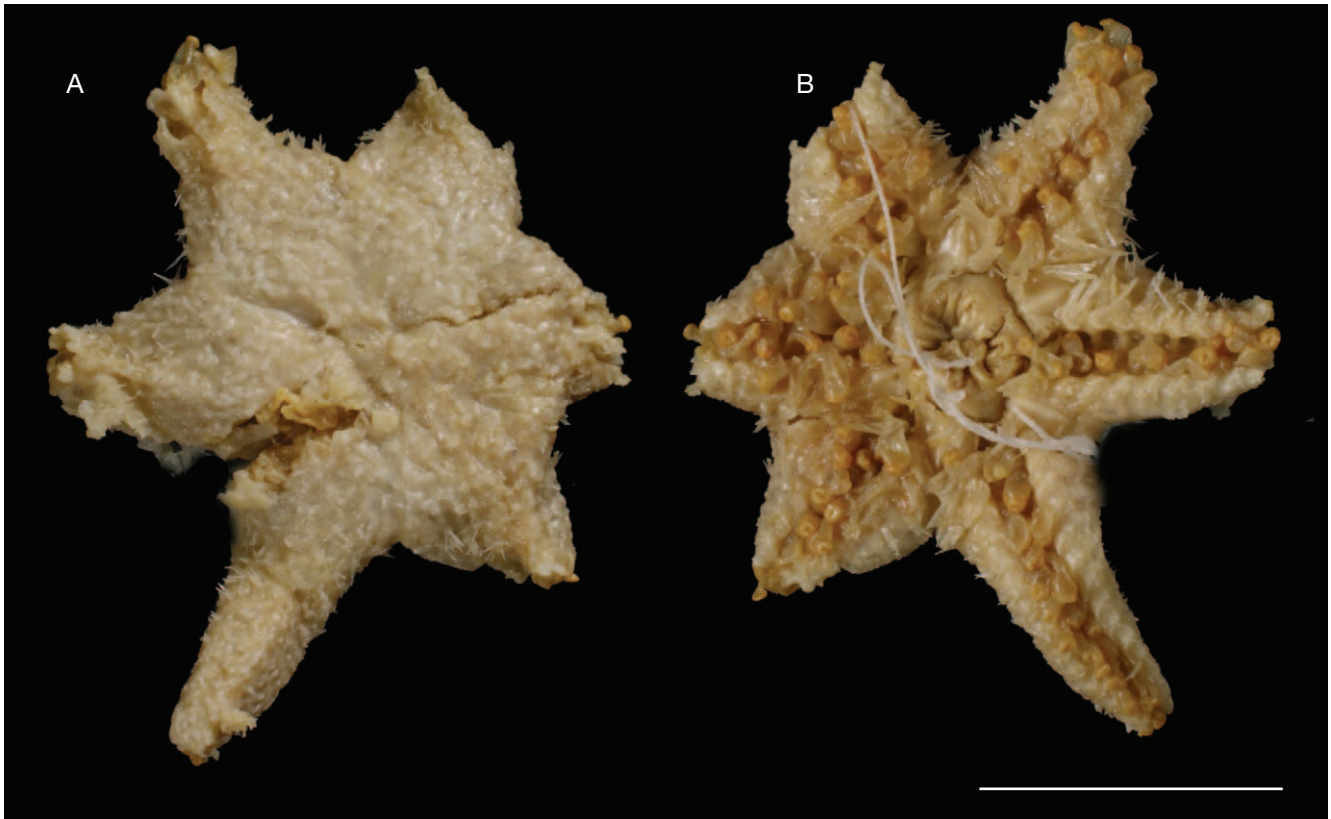


FIG. 23. — *Myxaster perrieri* Koehler, 1895: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-604. Scale bar: 20 mm.

REMARKS

Photographs and original drawings of *A. pleyadella* syntype are presented in Jangoux (2021: 240 fig. 30).

Lamarck's syntypes are juvenile *Protoreaster*, a genus that commonly occur in the Indo-West Pacific Ocean.

plinthinos Mah, 2017, *Kanakaster*

Kanakaster plinthinos Mah, 2017: 34, fig. 11A-D.

CURRENT STATUS. — *Kanakaster plinthinos* Mah, 2017.

TYPE MATERIAL. — New Caledonia • holotype; off La Havana Channel; MUSORSTOM 4 campaign; depth 350-365 m; MNHN-IE-2013-6890 • 5 paratypes; Alis campaign; 23°16'S, 168°04'E; MNHN-IE-2013-6894.

polyacanthus Müller & Troschel, 1842, *Astropecten*

Astropecten polyacanthus Müller & Troschel, 1842: 69, pl. 5, fig. 3a, b. — Clark 1993: 266.

CURRENT STATUS. — *Astropecten polyacanthus* Müller & Troschel, 1842.

TYPE MATERIAL. — Red Sea • 1 syntype; Botta leg.; 1836; MNHN-IE-2014-460 • 3 syntypes, same as holotype; MNHN-IE-2014-473.

pourtalesi Perrier, 1881, *Pedicellaster*

Pedicellaster pourtalesi Perrier, 1881: 7; 1884: 194, pl. 3, fig. 4. — Clark & Downey 1992: 411.

CURRENT STATUS. — *Pedicellaster pourtalesi* Perrier, 1881.

TYPE MATERIAL. — Caribbean Sea • 3 syntypes, BLAKE expedition; 1878-1879; MNHN-IE-2014-167.

REMARKS

Perrier (1884) mentions three localities: Granada, St Kitt and Caiman.

Six syntypes are deposited in MCZ as MCZ 1174 & 1175 (Clark & Downey 1992).

prehensilis Perrier, 1885, *Dorigona*

Dorigona prehensilis Perrier, 1885: 39.

Nymphaster arenatus – Clark & Downey 1992: 254.

CURRENT STATUS. — *Nymphaster arenatus* (Perrier, 1881).

TYPE MATERIAL. — Morocco • 6 syntypes; Cap Spartel; *Talisman* expedition; 1883; 550 m; MNHN-IE-2014-411 • 2 syntypes, off Moroccan coast; same as for preceding; depth 540 m; MNHN-IE-2014-412.

pudicus Koehler, 1920, *Hymenaster*

Hymenaster pudicus Koehler, 1920: 175, pl. 36, figs 8, 10. — Clark 1996: 204.

CURRENT STATUS. — *Hymenaster pudicus* Koehler, 1920.

TYPE MATERIAL. — **Antarctic** • 1 syntype; station 13; Australasian Antarctic expedition; 1911-1914; 35°44'S, 135°58'E; depth 3294 m; MNHN-IE-2014-449 • 1 syntype, same as for preceding; MNHN-IE-2014-540.

REMARK

Two syntypes are deposited in AM (J3567) (Rowe & Pawson 1977).

**pulchellus*, Perrier, 1869: 99. *Asteriscus*

Asteriscus pulchellus Perrier, 1869.

Asterina gibbosa – Clark 1993: 217.

CURRENT STATUS. — *Asterina gibbosa* (Pennant, 1777).

REMARK

Perrier species came from Messina.

pulla Koehler & Vaney, 1906, *Patiria*

Patiria pulla Koehler & Vaney, 1906: 61, pl. 4, figs 1, 2.

Allopatiria ocellifera – Clark & Downey 1992: 172.

CURRENT STATUS. — *Allopatiria ocellifera* (Gray, 1847).

TYPE MATERIAL. — **Mauritania** • holotype; Lévrier Bay; Gruvel leg.; MNHN-IE-2014-26.

pullus Mah, 2006, *Circeaster*

Circeaster pullus Mah, 2006: 940, figs 6 D-F, 8.

CURRENT STATUS. — *Circeaster pullus* Mah, 2006.

TYPE MATERIAL. — **New Caledonia** • 1 paratype; *Alis* campaign; 23°02'S, 166°52'E; 620-700 m; MNHN-IE-2014-321.

**pulverulenta* Perrier, 1869, *Culcita*

Culcita pulverulenta Perrier, 1869: 68, pl. 2, fig. 7.

Culcita novaeguineae – Clark 1993: 299.

CURRENT STATUS. — *Culcita novaeguineae* Müller & Troschel, 1842.

REMARK

Holotype of the species was formerly referenced under number ECAH 3627 (Sunda Strait; *La Chevette* expedition [1827-2828]; Reynaud leg.; 1829).

punctata Lamarck, 1816, *Asterias*

Asterias punctata Lamarck, 1816: 553.

Asteropsis carinifera – Jangoux 2021: 239.

CURRENT STATUS. — *Asteropsis carinifera* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • 2 syntypes; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-31.

REMARK

Photographs and original drawings of *A. punctata* syntype are presented in Jangoux (2021: 241 fig. 31).

purpureus Perrier, 1869, *Ophidiaster*

Ophidiaster purpureus Perrier, 1869: 61; 1875: 127. — Jangoux 2021: 240.

Ophidiaster hemprichi – Clark 1993: 349.

CURRENT STATUS. — *Ophidiaster hemprichi* (Müller & Troschel, 1842).

TYPE MATERIAL. — **Seychelles** • holotype; Rousseau leg.; 1842; MNHN-IE-2014-404.

pusilla Perrier, 1875, *Asteriscus*

Asteriscus pusilla Perrier, 1875: 306.

Parvulastra calcarata – O'Loughlin & Waters 2004: 27.

CURRENT STATUS. — *Parvulastra calcarata* (Perrier, 1869).

TYPE MATERIAL. — **Chile** • holotype; Talcahuano; Léguillon leg.; 1848; MNHN-IE-2014-12.

radians Perrier, 1881, *Korethraster*

Korethraster radians Perrier, 1881: 12.

Solaster radians – Perrier 1884: 275, pl. 6 fig. 9.

Leilaster radians – Clark & Downey 1992: 197.

CURRENT STATUS. — *Leilaster radians* (Perrier, 1881).

TYPE MATERIAL. — **Cuba** • 1 paratype; Havana; BLAKE expedition; 1878-1879; MNHN-IE-2014-137.

REMARK

Holotype in MCZ (MCZ 912) (Clark & Downey, 1992).

radians spinulosus Aziz & Jangoux, 1985, *Leilaster*

Leilaster radians spinulosus Aziz & Jangoux, 1985: 287, pl. 6, fig. A, B, pl. 7, fig. A-E.

Leilaster spinulosus – Clark 1993: 355.

CURRENT STATUS. — *Leilaster spinulosus* (Aziz & Jangoux, 1985).

TYPE MATERIAL. — **Philippines** • holotype; station 53; off Mindoro; MUSORSTOM 2 expedition; 1980; depth 215 m; MNHN-IE-2013-4349. • 1 paratype; same as holotype; MNHN-IE-2013-4347 • 1 paratype; station 33; same as for preceding; depth 220-192 m; MNHN-IE-2013-4348.

radiata Aziz & Jangoux, 1985, *Novodinia*

Novodinia radiata Aziz & Jangoux, 1985: 289, pl. 8, fig. A-D. — Mah in Clark & Mah 2001: 311.

CURRENT STATUS. — *Novodinia radiata* Aziz & Jangoux, 1985.

TYPE MATERIAL. — **Philippines** • holotype; station 33; off Mindoro; MUSORSTOM 2 expedition; 1980; depth 215 m; MNHN-IE-2013-4344.

rallieri Koehler, 1917, *Cribellopsis*

Cribellopsis rallieri Koehler, 1917: 37, pl. 5, figs 6-10.

Perknaster fuscus – Clark 1993: 203.

CURRENT STATUS. — *Perknaster fuscus* Sladen, 1889.

TYPE MATERIAL. — **Kerguelen** • holotype; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-487.

regularis Jangoux, 1981, *Pseudoceramaster*

Pseudoceramaster regularis Jangoux, 1981: 472, pl. 4, figs 4-6. — Clark 1993: 282.

CURRENT STATUS. — *Pseudoceramaster regularis* Jangoux, 1981.

TYPE MATERIAL. — **Philippines** • holotype; station 71; MUSORSTOM 1 expedition; 1976; 14°09'N, 120°26'E; depth 174-204 m; MNHN-IE-2014-38.

regularis Jangoux, 1984, *Seriaster*

Seriaster regularis Jangoux, 1984: 284, pl. 1, fig. A-E. — Clark 1996: 191.

CURRENT STATUS. — *Seriaster regularis* Jangoux, 1984.

TYPE MATERIAL. — **New Caledonia** • holotype; south-west coast; depth 45 m; MNHN-IE-2014-81 • 1 paratype, same as holotype; MNHN-IE-2014-102.

regulus Müller & Troschel, 1842, *Oreaster*
(Fig. 24)

Oreaster regulus Müller & Troschel, 1842: 51.

Pentaceraster regulus – Clark 1993: 312.

CURRENT STATUS. — *Pentaceraster regulus* (Müller & Troschel, 1842).

TYPE MATERIAL. — **India** • holotype; Pondicherry; Leschenault leg.; 1822; MNHN-IE-2014-25.

reticulatus Sibuet, 1976, *Hymenaster*

Hymenaster reticulatus Sibuet, 1976: 307, figs 1, 2. — Clark 1996: 204.

CURRENT STATUS. — *Hymenaster reticulatus* Sibuet, 1976.

TYPE MATERIAL. — **Bay of Biscay** • 1 paratype; station 251; BLAÇORES campaign; 1971; 47°38'N, 8°56'W; depth 3360 m; MNHN-IE-2014-489.

reunionensis Jangoux & Aziz, 1988, *Cheiraster*

Cheiraster reunionensis Jangoux & Aziz, 1988: 640, pl. 3, fig. A-E. — Clark 1996: 191.

CURRENT STATUS. — *Cheiraster reunionensis* Jangoux & Aziz, 1988.

TYPE MATERIAL. — **Réunion Island** • holotype; station FA 137; *Marion-Dufresne* campaign; 1982; depth 940-980 m; MNHN-IE-2014-496.

rex Perrier, 1894, *Hymenaster*

Hymenaster rex Perrier, 1894: 186, pl. 13, fig. 2a-f. — Clark & Downey 1992: 322.

CURRENT STATUS. — *Hymenaster rex* Perrier, 1894.

TYPE MATERIAL. — **Atlantic Ocean** • 8 syntypes; station 81; *Talisman* expedition; 1883; 23°50'N, 19°37'W; depth 1139 m; MNHN-IE-2014-146 • 5 syntypes, same as for preceding; MNHN-IE-2014-157 • 1 syntype, same as for preceding; MNHN-IE-2014-186 • 4 syntypes, same as for preceding; MNHN-IE-2014-391 • 3 syntypes, same as for preceding; MNHN-IE-2014-257.

reysi Sibuet, 1977, *Ophidiaster*

Ophidiaster reysi Sibuet, 1977: 1086, figs 1, 2. — Clark 1993: 350.

CURRENT STATUS. — *Ophidiaster reysi* Sibuet, 1977.

TYPE MATERIAL. — **Atlantic Ocean** • holotype; station 110; BLAÇORES campaign; 1971; 39°33'N, 31°17'O; depth 350 m; MNHN-IE-2014-47.

richardi Perrier, 1882, *Asterias*

Asterias richardi Perrier in Milne-Edward, 1882: 20.

Hydrasterias richardi – Perrier 1894: 109, pl. 9, fig. 4a, b.

Sclerasterias neglecta – Clark & Downey 1992: 448.

CURRENT STATUS. — *Sclerasterias neglecta* (Perrier, 1891).

TYPE MATERIAL. — **Cape Verde Island** • 1 syntype; station 103, near Sao Yiago; *Talisman* expedition; 1883; depth 225 m; MNHN-IE-2014-196 • 1 syntype; same as for preceding; MNHN-IE-2014-177.

Corsica • 3 syntypes; station 19; *Travailleur* expedition (1881); 41°53'N, 6°59'W; depth 540 m; MNHN-IE-2014-213.



FIG. 24. — *Oreaster regulus* Müller & Troschel, 1842: **A**, abactinal; **B**, actinal surface of the holotype; MNHN-IE-2014-25. Scale bar: 10 mm.

richardi Perrier, 1875, *Astropecten*
(Fig. 25)

Astropecten richardi Perrier, 1875: 372. — Clark & Downey 1992: 42.

CURRENT STATUS. — *Astropecten richardi* Perrier, 1875.

TYPE MATERIAL. — French Guiana • 3 syntypes; Cayenne, Richard leg.; MNHN-IE-2014-2.

Unknown origin • 2 syntypes; Michelin leg.; MNHN-IE-2014-14.

rigidus Perrier, 1894, *Dytaster*

Dytaster rigidus Perrier, 1894: 304.

Dytaster grandis grandis – Clark & Downey 1992: 53.

CURRENT STATUS. — *Dytaster grandis grandis* (Verrill, 1884).

TYPE MATERIAL. — Atlantic Ocean • 2 syntypes; station 137; *Talisman* expedition; 1883; depth 5000 m; MNHN-IE-2014-233 • 4 syntypes; station 138; same as for preceding; 46°09'N, 09°16'W; depth 4787 m; MNHN-IE-2014-234.

roanae Mah, 2018 *Mediaster*

Mediaster roanae Mah, 2018: 59.

CURRENT STATUS. — *Mediaster roanae* Mah, 2018.

TYPE MATERIAL. — Madagascar • holotype; 14°29'S, 47°26'E; 379–332 m; MNHN-IE-2007-1029. • 4 paratypes; 14°29'S, 47°26'E; depth 379–332 m; MNHN-IE-2007-1029. • 2 paratypes; 12°31'S, 48°15'E; depth 416 m; MNHN-IE-2007-1172.

robusta Perrier, 1891, *Ganeria*

Ganeria robusta Perrier, 1891: 119, pl. 11, fig. 1a, b.

Ganeria falklandica – Clark 1993: 201.

CURRENT STATUS. — *Ganeria falklandica* Gray, 1847.

TYPE MATERIAL. — Tierra del Fuego Archipelago • 2 syntype; Gregory Bay; Cape Horn expedition (1882–1883); depth 28 m; MNHN-IE-2014-278. • 1 syntype; Gable Island; same as for preceding; MNHN-IE-2014-354.

robusta Perrier, 1885, *Odinia*

Odinia robusta Perrier, 1885: 11 – Perrier 1894: 78, pl. 6.

Novodinia semicoronata – Clark & Downey 1992: 475.

CURRENT STATUS. — *Novodinia semicoronata* (Perrier, 1885).

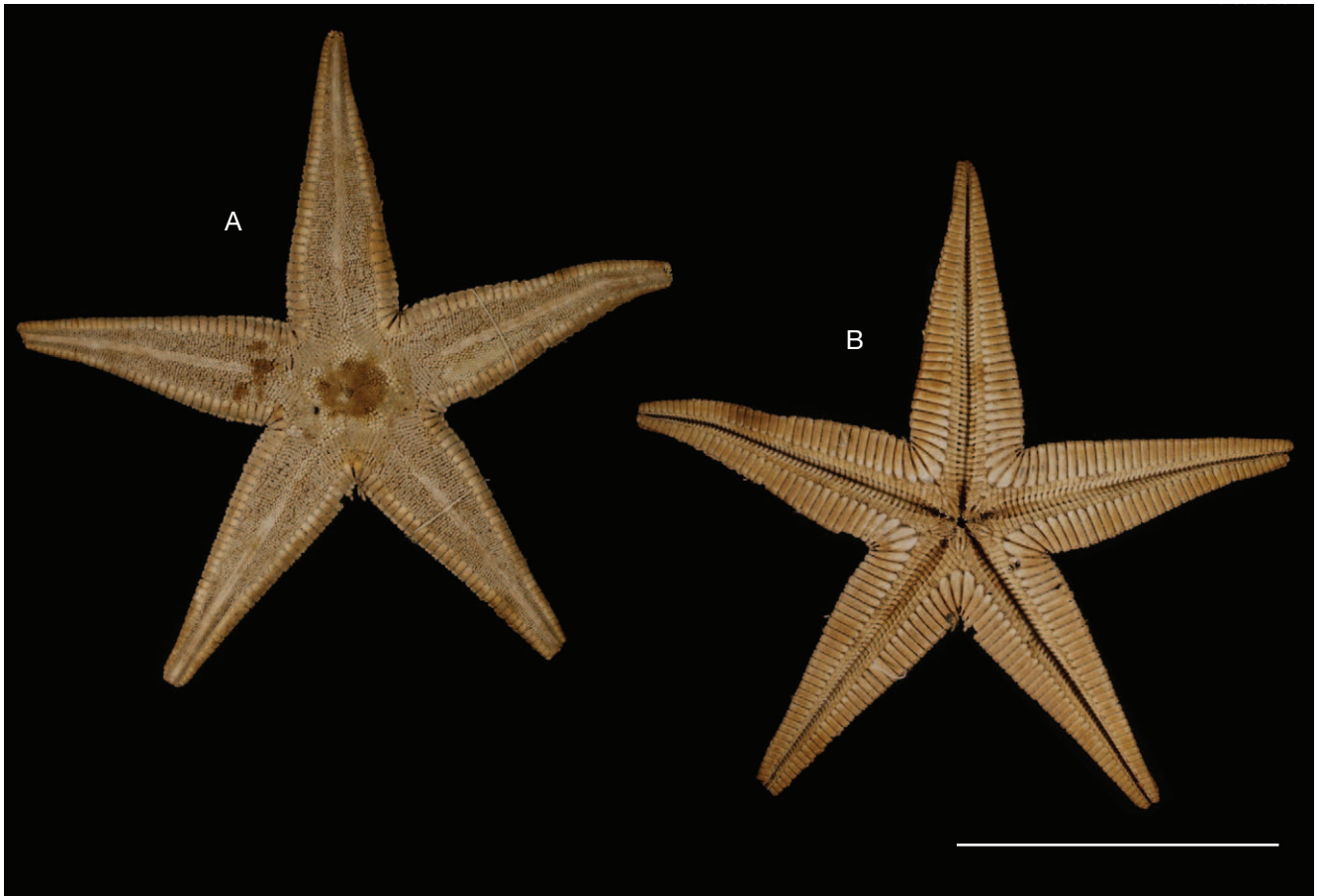


FIG. 25. — *Astropecten richardi* Perrier, 1875: **A**, abactinal; **B**, actinal surfaces of a Guiana syntype; MNHN-IE-2014-2. Scale bar: 50 mm.

TYPE MATERIAL. — **Canary Islands** • 1 syntype; station 72; *Talisman* expedition; 1883; 25°39'N, 18°22'W; depth 882 m; MNHN-IE-2014-106 • 1 syntype; station 73; same as for preceding; 25°39'N, 18°26'W; depth 1435 m; MNHN-IE-2014-107.

rosacea var. *lobis quindenis* Lamarck, 1816, *Asterias*

Asterias rosacea var. *lobis quindenis* Lamarck, 1816: 558.

Anseropoda rosacea – Clark 1993: 206. — Jangoux 2021: 242.

CURRENT STATUS. — *Anseropoda rosacea* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • holotype; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-62.

REMARK

Photograph and original drawings of *A. rosacea* var. *lobis quindenis* holotype are presented in Jangoux (2021: 243 fig. 33).

The name *lobis quindenis* means “with fifteen lobes”.

**rosacea* var. *lobis senis*, Lamarck, 1816, *Asterias*

Asterias rosacea var. *lobis senis* Lamarck, 1816: 558.

Anseropoda sp. – Jangoux 2021: 242.

CURRENT STATUS. — *Nomen dubium* recognized as *Anseropoda* sp.

REMARK

Original drawings of *lobis senis* variety are presented in Jangoux (2021: 244 fig. 34).

The name *lobis senis* means “with six lobes”.

rosea Koehler & Vaney, 1906, *Patiria*

Patiria rosea Koehler & Vaney, 1906: 59, pl. 5, figs 3, 4.

Allopatiria ocellifera – Clark & Downey 1992: 172.

CURRENT STATUS. — *Allopatiria ocellifera* (Gray, 1847).

TYPE MATERIAL. — **Mauritania** • 1 syntype; Cape Blanc; MNHN-IE-2014-27.

samoensis Perrier, 1869, *Astropecten*

Astropecten samoensis Perrier, 1869: 104.

Astropecten polyacanthus – Clark 1989: 268.

CURRENT STATUS. — *Astropecten polyacanthus* Müller & Troschel, 1842.



FIG. 26. — *Astropecten scoparius* Müller and Troschel, 1842: abactinal surfaces of the syntypes; MNHN-IE-2014-579. Scale bar: 10 mm.

TYPE MATERIAL. — Samoa • holotype; *L'Astrolabe & La Zélée* expedition (1837-1840); Hombron & Jacquinot leg.; MNHN-IE-2014-340.

sandrae Mah, 2006, *Circeaster*

Circeaster sandrae Mah, 2006: 938, fig. 6A-C.

CURRENT STATUS. — *Circeaster sandrae* Mah, 2006.

TYPE MATERIAL. — Pacific Ocean • holotype; MUSORSTOM 7 expedition; 12°17'S, 177°28'E; depth 780-794 m; MNHN-IE-2014-517. New Caledonia • 1 paratype; MUSORSTOM 5 expedition; 21°00'S, 160°50'E; depth 745 m; MNHN-IE-2014-324 • 1 paratype; MUSORSTOM 6 expedition; 20°23'S, 166°20'E; depth 800 m; MNHN-IE-2014-315 • 1 paratype; same as for preceding; 23°10'S, 166°49'E; depth 870-1000 m; MNHN-IE-2014-523. Tonga Islands • 1 paratype; NW Tongatapu; MUSORSTOM 9 expedition; 20°58'S, 175°16'E; depth 869-880 m; MNHN-IE-2014-316. Marquesas Islands • 1 paratype; Nuku Hiva; 08°50'S, 140°10'W; depth 705-794 m; MNHN-IE-2014-317.

sarabae Mah, 2018 *Calliaster*

Calliaster sarabae Mah, 2018: 22.

CURRENT STATUS. — *Calliaster sarabae* Mah, 2018.

TYPE MATERIAL. — Madagascar • holotype; 14°50'S, 47°00'E; depth 442 m; MNHN-IE-2007-1039 • 1 paratype; 12°53'S, 48°9'E; depth 480-520 m; MNHN-IE-2013-6994 • 1 paratype; 12°43'0"S, 48°13'4"E; depth 350-360 m; MNHN-IE-2013-6995 • 1 paratype; 12°42.4'S, 48°14.3'E; depth 285-295 m; MNHN-IE-2013-6996 • 1 paratype; Walters shoal (south of Cape Sainte Marie); 33°11'S, 44°00'E; depth 620-635 m; MNHN-IE-2013-6997.

scoparius Müller & Troschel, 1842, *Astropecten* (Fig. 26)

Astropecten scoparius Müller & Troschel, 1842: 71. — Clark 1989: 268.

CURRENT STATUS. — *Astropecten scoparius* Müller & Troschel, 1842.

TYPE MATERIAL. — Unknown origin • 3 syntypes; MNHN-IE-2014-579.

REMARK

Astropecten scoparius occurs in Japanese and Taiwanese waters.

semicoronata Perrier, 1885, *Brisinga*

Brisinga semicoronata Perrier, 1885a: 442; 1894: 75, pl. 5.

Novodinia semicoronata – Clark & Downey 1992: 475.

CURRENT STATUS. — *Novodinia semicoronata* (Perrier, 1885).

TYPE MATERIAL. — Canary Islands • 1 syntype; station 73; *Talisman* expedition; 1883; 25°39'N, 18°26'W; depth 1435-1056 m; MNHN-IE-2014-111 • 1 syntype; same as for preceding; MNHN-IE-2014-112.

semispinosus Perrier, 1894, *Crenaster*

Crenaster semispinosus Perrier, 1894: 307.

Dytaster semispinosus – Clark & Downey 1992: 55.

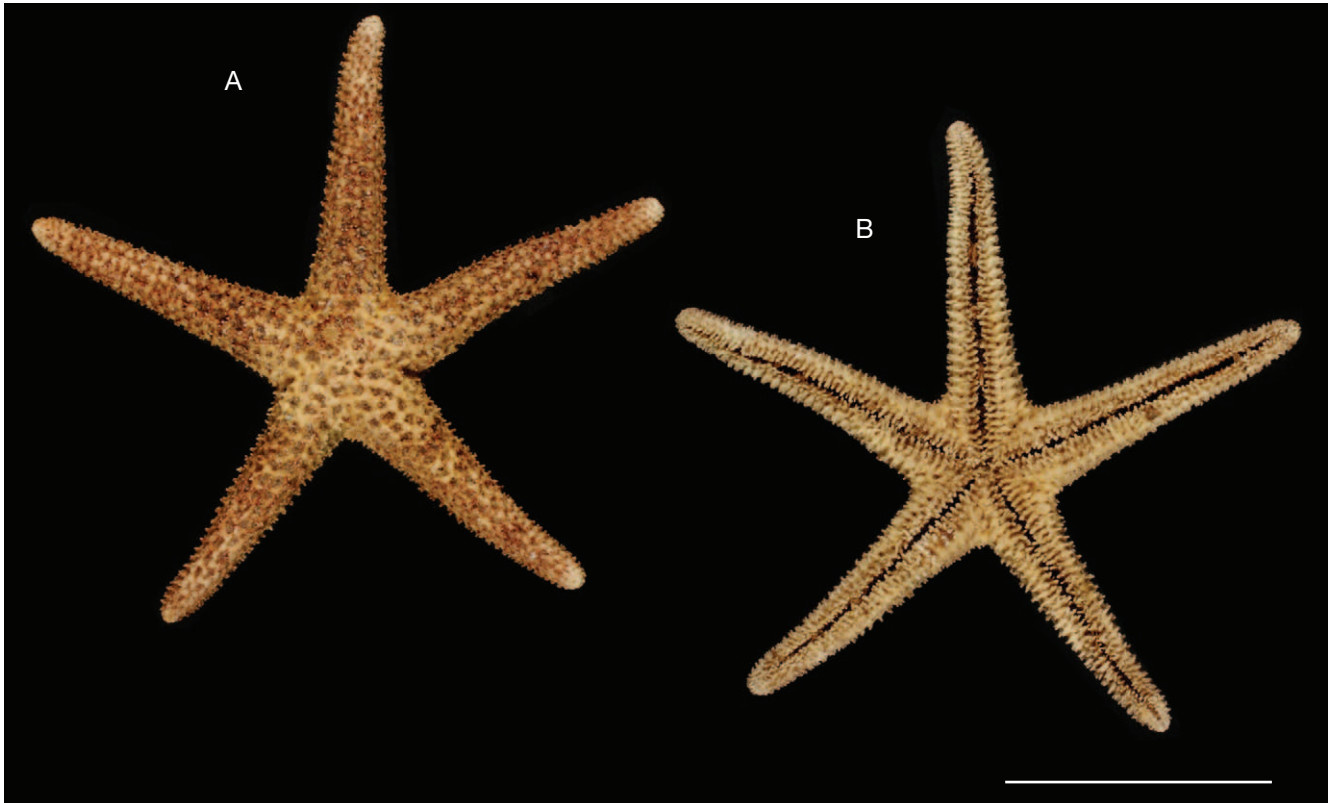


FIG. 27. — *Echinaster (Othilia) serpentarius* Müller & Troschel, 1842: **A**, abactinal; **B**, actinal surfaces of a syntype. Scale bar: 20 mm.

CURRENT STATUS. — *Dytaster semispinosus* (Perrier, 1894).

TYPE MATERIAL. — **Atlantic Ocean** • 1 syntype; station 137; *Talisman* expedition; 1883; 44°29'N, 15°22'W; depth 4975 m; MNHN-IE-2014-160 • 1 syntype, same as for preceding; MNHN-IE-2014-368.

senegalensis Lamarck, 1816, *Asterias*

Asterias senegalensis Lamarck, 1816: 567.

Luidia senegalensis – Clark & Downey 1992: 21.

CURRENT STATUS. — *Luidia senegalensis* (Lamarck, 1816).

TYPE MATERIAL. — **Senegal** • 2 syntypes; Adanson leg.; MNHN-IE-2014-655.

REMARKS

Except for the two aforesaid syntypes, the species *Luidia senegalensis* was never reported from African coasts and the type locality should be wrong, as it is the case with several Adanson localities (see Madsen 1950: 205). *Luidia senegalensis* is a shallow water species from western Atlantic (Florida to north of Brazil).

Photographs of a syntype of *A. senegalensis* is presented in Jangoux (2021: 244).

serratus Müller & Troschel, 1842, *Astropecten*

Astropecten serratus Müller & Troschel, 1842: 72.

Astropecten irregularis – Clark 1989: 268.

CURRENT STATUS. — *Astropecten irregularis* (Pennant, 1777).

TYPE MATERIAL. — **Mediterranea** • 2 syntypes; MNHN-IE-2014-13.

serpentarius Müller & Troschel, 1842, *Echinaster*
(Fig. 27)

Echinaster serpentarius Müller & Troschel, 1842: 24.

Echinaster (Othilia) serpentarius – Clark & Downey 1992: 380.

CURRENT STATUS. — *Echinaster (Othilia) serpentarius* Müller & Troschel, 1842.

TYPE MATERIAL. — **Mexico** • 4 syntypes; Vera Cruz; MNHN-IE-2014-42.

setaceus Müller & Troschel, 1842, *Asteriscus*
(Fig. 28)

Asteriscus setaceus Müller & Troschel, 1842: 43.

Paranepanthia grandis – Jangoux 2021: 245.

CURRENT STATUS. — *Paranepanthia grandis* (H. L. Clark, 1928).

TYPE MATERIAL. — **South Seas** • holotype; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-638.

REMARK

Original drawings of *A. setaceus* holotype are presented in Jangoux (2021: 245).

setosus Perrier 1894, *Korethraster*

Korethraster setosus Perrier 1894: 159, pl. 11, fig. 3a-d.

Korethraster hispidus – Clark & Downey 1992: 341.

CURRENT STATUS. — *Korethraster hispidus* Thompson, 1873.

TYPE MATERIAL. — **Bay of Biscay** • 1 syntype; station 15; *Travailleur* expedition; 1881; 43°04'N, 11°39'W; depth 400 m; MNHN-IE-2014-144 • 1 syntype; station 39; same as for preceding; 44°05'N, 09°25'W; depth 1225 m; MNHN-IE-2014-152 • 1 syntype; same as for preceding; MNHN-IE-2014-154 • 4 syntypes; same as for preceding; MNHN-IE-2014-204 • 1 syntype; station 40; same as for preceding; 44°05'N, 09°35'W; depth 390 m; MNHN-IE-2014-151.

setosus Mah, 2018, *Mediaster*

Mediaster setosus Mah, 2018: 60, fig. 23.

CURRENT STATUS. — *Mediaster setosus* Mah, 2018.

TYPE MATERIAL. — **Mozambic Channel** • holotype; Glorieuses Islands; Biomaglo expedition; depth 583-614 m; MNHN-IE-2013-17169.

sexradiata Perrier, 1881, *Cribrella*

Cribrella sexradiata Perrier, 1881: 8; 1884: 209, pl. 4, fig. 6.

Henricia sexradiata – Clark & Downey 1992: 397.

CURRENT STATUS. — *Henricia sexradiata* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; station 298; Barbados; BLAKE expedition; 1878-1879; depth 275 m; MNHN-IE-2014-251.

REMARK

Three syntypes are deposited in MCZ as MCZ 1053 (Clark & Downey 1992).

sexradiata Perrier, 1885, *Freyella*

Freyella sexradiata Perrier, 1885: 6; 1894: 89, pl. 3, fig. 2a-c.

Freyastera sexradiata – Clark & Downey 1992: 481.

CURRENT STATUS. — *Freyastera sexradiata* (Perrier, 1885).

TYPE MATERIAL. — **Atlantic Ocean** • holotype; station 134; *Talisman* expedition; 1883; 42°19'N, 23°36'W; depth 4060 m; MNHN-IE-2014-165.

sexradiatus Perrier, 1894, *Pedicellaster*

Pedicellaster sexradiatus Perrier, 1894: 100, pl. 9, fig. 2a, b.

Hydrasterias sexradiata – Clark & Downey 1992: 410.

CURRENT STATUS. — *Hydrasterias sexradiata* (Perrier, 1894).

TYPE MATERIAL. — **Canary Islands** • holotype; station 3; *Travailleur* expedition (1881); 30°48'N, 12°03'W; 3307 m; MNHN-IE-2014-193.

sigsbeeii Perrier, 1881, *Zoroaster*
(Fig. 29)

Zoroaster sigsbeeii Perrier, 1881: 5; 1884: 195, pl. 3, fig. 2.

Cnemidaster sigsbeeii – Clark & Downey 1992: 403.

CURRENT STATUS. — *Cnemidaster sigsbeeii* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; BLAKE expedition (1878-1879); MNHN-IE-2014-282 • 1 syntype; same as for preceding; MNHN-IE-2014-284 • 1 syntype; same as for preceding; MNHN-IE-2014-429.

REMARK

Four syntypes are deposited in MCZ as MCZ 876, 877, 880 (Clark & Downey 1992).

simplex Perrier, 1894, *Astellia*

Astellia simplex Perrier, 1894: 193, pl. 14, fig. 3a, b.

Luidia sarsi – Clark & Downey 1992: 18.

CURRENT STATUS. — *Luidia sarsi* Düben & Koren, 1845.

TYPE MATERIAL. — **Mediterranea** • 4 syntypes; station 28; *Travailleur* expedition; 1881; 35°21'N, 06°42'W; depth 322 m; MNHN-IE-2014-198.

sladeni Perrier, 1885, *Caulaster*

Caulaster sladeni Perrier, 1885: 47; 1894: 208, pl. 15, fig. 2.

Porcellanaster ceruleus – Clark & Downey 1992: 100.

CURRENT STATUS. — *Porcellanaster coeruleus* Wyville Thomson, 1877.

TYPE MATERIAL. — **Morocco** • 1 syntype; station 30; off Moroccan coast; *Talisman* expedition; 1883; 32°38'N, 12°09'W; 1435 m; MNHN-IE-2014-336 • 1 syntype; same as for preceding; MNHN-IE-2014-158.

sladeni Perrier, 1891, *Cribraster*

Cribraster sladeni Perrier, 1891: 104, pl. 11, fig. 2a, b.

Perknaster sladeni sladeni – Clark 1993: 203.

CURRENT STATUS. — *Perknaster sladeni sladeni* (Perrier, 1891).



FIG. 28. — *Asteriscus setaceus* Müller & Troschel, 1842: **A**, abactinal; **B**, actinal surfaces of holotype; MNHN-IE-2014-638. Scale bar: 50 mm.



FIG. 29. — *Zoroaster sigsbeeii* Perrier, 1881: **A**, abactinal surface; **B**, profile view of a syntype; MNHN-IE-2014-282. Scale bar: 10 mm.

TYPE MATERIAL. — **Falkland Islands** • holotype; Cape Horn expedition; 1882-1883; MNHN-IE-2014-200.

smithi Ludwig, 1903, *Echinaster*

Echinaster smithi Ludwig, 1903: 25, pl. 3, figs 21, 22. — Clark 1996: 226.

CURRENT STATUS. — *Echinaster smithi* Ludwig, 1903.

TYPE MATERIAL. — **Antarctic** • holotype; *Belgica* expedition (1897-1899); 71°18'S, 82°02'W; 450 m; MNHN-IE-2014-366.

REMARKS

The holotype was considered lost, because it was not found in the collection of the RBINS (Jangoux & Massin 1986).

Ludwig (1903) does not give a complete picture of the species; this was done later by Koehler (1920: 13, pl. 25, figs 8, 9).

**sol* Perrier, 1885, *Myxaster*

Myxaster sol Perrier, 1885: 886; 1894: 177, pl. 12, fig. 1a-c; Clark & Downey 1992: 338.

CURRENT STATUS. — *Myxaster sol* Perrier, 1885.

REMARK

Holotype of the species was formerly referenced under number ECAH-3841 (station 78; *Talisman* expedition [1883]; 23°57'N, 19°32'W; 1405 m).

solidus Mah, 2017, *Kanakaster*

Kanakaster solidus Mah, 2017: 36, fig. 12A-F.

CURRENT STATUS. — *Kanakaster solidus* Mah, 2017.

TYPE MATERIAL. — **South Pacific** • holotype; Norfolk 2 expedition; 23°27'S-167°21'; MNHN-IE-2013-6850.

sordidus Perrier, 1894, *Pteraster*

Pteraster sordidus Perrier, 1894: 182, pl. 12, fig. 2a-c.

Pteraster personatus – Clark & Downey 1992: 334.

CURRENT STATUS. — *Pteraster personatus* Sladen, 1891.

TYPE MATERIAL. — **Morocco** • 1 syntype; station 81; off Moroccan coast; *Talisman* expedition; 1883; 23°50'N, 19°37'W; 1139 m; MNHN-IE-2014-362 • 1 syntype; same as for preceding; MNHN-IE-2014-141.

**souleyettii* Dujardin & Hupé, 1862, *Astrogonium*

Astrogonium souleyetti Dujardin & Hupé, 1862: 397, pl. 7, fig. 7.

Iconaster longimanus – Clark 1993: 245.

CURRENT STATUS. — *Iconaster longimanus* (Möbius, 1859).

REMARK

Holotype from Malacca Strait (*Bonite* expedition [1836-1837], Eydoux & Souleyet leg.).

spatuliger Perrier, 1875, *Astropecten*

Astropecten spatuliger Perrier, 1875: 376.

Astropecten regalis – Clark 1989: 269.

CURRENT STATUS. — *Astropecten regalis* Gray, 1840.

TYPE MATERIAL. — **Nicaragua** • holotype; Michelin leg.; MNHN-IE-2014-10.

spinigera Koehler, 1911, *Asterina*

Asterina spinigera Koehler, 1911: 20.

Aquilonastra coronata – O'Loughlin & Rowe 2006: 270.

CURRENT STATUS. — *Aquilonastra coronata* (Martens, 1866).

TYPE MATERIAL. — **Singapore** • holotype; MNHN-IE-2014-464.

**spinosa* Perrier, 1891, *Diplasterias*

Diplasterias spinosa Perrier, 1891: 82.

Diplasterias brandti – Koehler 1908a: 573.

CURRENT STATUS. — *Diplasterias brandti* (Bell, 1881).

REMARK

Holotype of the species was formerly referenced under number ECAH-4398 (Cape Horn expedition [1882-1883]; 47°29'S, 66°45'W).

spinosa Perrier, 1885, *Freyella*

Freyella spinosa Perrier, 1885: 5 – Perrier, 1894: 85, pl. 7, figs 1-7.

Freyella elegans – Clark & Downey 1992: 484.

CURRENT STATUS. — *Freyella elegans* (Verrill, 1884).

TYPE MATERIAL. — **Mauritania** • 1 syntype; station 96; off Mauritanian coast; *Talisman* expedition; 1883; 19°16'N, 20°20'W; depth 2330 m; MNHN-IE-2014-356 • 1 syntype; station 97; same as for preceding; 19°12'N, 20°17'W; depth 2324 m; MNHN-IE-2014-22 • 3 syntypes; same as for preceding; MNHN-IE-2014-431 • 1 syntype, same as for preceding; MNHN-IE-2014-277.

spinusus Perrier, 1882, *Hoplaster*

Hoplaster spinusus Perrier in Milne-Edwards, 1882: 48 – Perrier 1894: 324, pl. 14, fig. 2a, b; Clark & Downey 1992: 151.

CURRENT STATUS. — *Hoplaster spinusus* Perrier in Milne-Edwards, 1882.

TYPE MATERIAL. — **Atlantic Ocean** • 1 syntype; station 3; *Travailleur* expedition; 1881; 49°48'N, 15°02'W; depth 3307 m; MNHN-IE-2014-191.

Azores • 1 syntype; station 131; *Talisman* expedition; 1883; 38°33'N, 27°26'W; depth 3515 m; MNHN-IE-2014-331.

spinosus Perrier, 1885, *Styracaster*

Styracaster spinosus Perrier, 1885: 55; 1894: 223, pl. 17, fig. 2a-d.

Styracaster armatus – Clark & Downey 1992: 102.

CURRENT STATUS. — *Styracaster armatus* Sladen, 1883.

TYPE MATERIAL. — **Azores** • 1 syntype (fragments); station 131; NE of San Miguel; *Talisman* expedition; 1883; 38°38'N, 27°26'W; depth 2995 m; MNHN-IE-2014-484.

spinulatus Koehler, 1917, *Bathybiaster*

Bathybiaster spinulosus Koehler, 1917: 55, pl. 13-14, 16-17.

Bathybiaster loripes – Clark & Downey 1992: 47.

CURRENT STATUS. — *Bathybiaster loripes* Sladen, 1889.

TYPE MATERIAL. — **Kerguelen** • holotype; Rallier du Baty leg.; 1913-1914; MNHN-IE-2014-169.

spinulosus Perrier, 1894, *Crenaster*

Crenaster spinulosus Perrier, 1894: 309.

Dytaster spinulosus – Clark & Downey 1992: 54.

CURRENT STATUS. — *Dytaster spinulosus* (Perrier, 1894).

TYPE MATERIAL. — **Atlantic Ocean** • 6 syntypes; station 13; *Talisman* expedition; 1883; 44°20'N, 19°31'W; depth 4255 m; MNHN-IE-2014-379.

squamatus Perrier, 1869, *Asteriscus*

Asteriscus squamatus Perrier, 1869: 101.

Asterina stellifera – Clark 1993: 214.

CURRENT STATUS. — *Asterina stellifera* (Möbius, 1859).

TYPE MATERIAL. — **Senegal** • holotype; MNHN-IE-2014-470.

REMARK

Drawing of *A. squamatus* holotype in the vellum collection of the MNHN (label by Valenciennes).

**stellaris* Perrier, 1875, *Asterina*

Asterina stellaris Perrier 1875: 313.

REMARK

The Perrier holotype is of unknown origin.

stellatus Perrier, 1891, *Mediaster*

Mediaster stellatus Perrier, 1891: 268; 1896: 46, pl. 4, fig. 1a-d.

Mediaster bairdi bairdi – Clark & Downey 1992: 251.

CURRENT STATUS. — *Mediaster bairdi bairdi* (Verrill, 1882).

TYPE MATERIAL. — **Newfoundland** • 2 syntypes; station 161; *L'Hirondelle* campaign; 46°04'N, 49°03'W; depth 1267 m; Prince Albert of Monaco leg.; MNHN-IE-2014-400.

REMARK

Three syntypes are deposited in the MONA (Belloc 1950).

stellionura Perrier, 1869, *Asteracanthion*

Asteracanthion stellionura Perrier, 1869: 48, pl. 1, fig. a-d.

Urasterias lincki – Clark & Downey 1992: 458.

CURRENT STATUS. — *Urasterias lincki* (Müller & Troschel, 1842)

TYPE MATERIAL. — **Iceland** • 5 syntypes; *La Recherche* expedition; 1835-1836; Gaimard leg.; MNHN-IE-2014-417.

striata Lamarck, 1816, *Asterias*

Asterias striata Lamarck, 1816: 564.

Valvaster striatus – Clark 1993: 322. — Jangoux 2021: 245.

CURRENT STATUS. — *Valvaster striatus* (Lamarck, 1816).

TYPE MATERIAL. — **Mauritius** • holotype; Mathieu leg.; 1812; MNHN-IE-2014-36.

REMARK

Photographs of *A. striata* holotype is presented in Jangoux (2021: 246 fig. 37).

strictus Perrier, 1894, *Paragonaster*

Paragonaster strictus Perrier, 1894: 363, pl. 25, fig. 5a, b.

Paragonaster subtilis – Clark & Downey 1992: 256.

CURRENT STATUS. — *Paragonaster subtilis* (Perrier, 1881).

TYPE MATERIAL. — **Atlantic Ocean** • 3 syntypes; station 102; between Dakar (Senegal) and La Praia (Cape Verde Islands); *Talisman* expedition; 1883; 15°48'N, 22°43'W; depth 3655 m; MNHN-IE-2014-121.

studerii Perrier, 1891, *Anasterias*
(Fig. 30)

Anasterias studerii Perrier, 1891: 99. — Clark in Clark & Mah 2001: 247.

CURRENT STATUS. — *Anasterias studerii* Perrier, 1891.

TYPE MATERIAL. — **Falkland Islands** • holotype; Cape Horn expedition (1882-1883); 320 m; MNHN-IE-2014-83.

studer Perrier, 1891, *Cribrella*

Cribrella studeri Perrier, 1891: 102, pl. 9, fig. 2a, b.

Henricia studeri – Clark 1996: 243.

CURRENT STATUS. — *Henricia studeri* (Perrier, 1891).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • holotype; south of Cape Horn; Cape Horn expedition (1882-1883); depth 99 m; MNHN-IE-2014-280.

subspinosus Perrier, 1881, *Pentagonaster*

Pentagonaster subspinosus Perrier, 1881: 5; 1884: 234, pl. 6, fig. 1.

Nymphaster arenatus – Clark & Downey 1992: 254.

CURRENT STATUS. — *Nymphaster arenatus* (Perrier, 1881).

TYPE MATERIAL. — **Caribbean Sea** • 1 syntype; station 246; Carriacou (Grenadines Islands); BLAKE expedition; 1878-1879; depth 298 m; MNHN-IE-2014-566 • 1 syntype; Barbados; same as for preceding; depth 382 m; MNHN-IE-2014-1341.

**subulata* Lamarck, 1816, *Asterias*

Asterias subulata Lamarck, 1816: 568.

Chaetaster subulatus – Clark 1993: 189. — Jangoux 2021: 245.

Current status. — *Chaetaster longipes* (Bruzellius, 1805).

sulcifer Perrier, 1869, *Asteracanthion*

Asteracanthion sulcifer Perrier, 1869: 43, pl. 1, fig. 14a-c.

Cosmasterias lurida – Clark in Clark & Mah 2001: 272.

CURRENT STATUS. — *Cosmasterias lurida* (Philippi, 1858).

TYPE MATERIAL. — **Tierra del Fuego Archipelago** • 2 syntypes; Port Famine; *La Zélée* & *L'Astrolabe* expedition; 1837-1840; Hombron & Jacquinet leg.; MNHN-IE-2014-360 • 2 syntypes, same as for preceding; MNHN-IE-2014-408.

talismani Perrier, 1885, *Stichaster*

Stichaster talismani Perrier, 1885: 22.

Neomorphaster talismani – Perrier 1894: 134, pl. 10, fig. 2a, b.

Neomorphaster margaritaceus – Clark & Downey 1992: 406.

CURRENT STATUS. — *Neomorphaster margaritaceus* (Perrier, 1882).

TYPE MATERIAL. — **Azores** • 6 syntypes; station 127; *Talisman* expedition; 1883; 38°38'N, 30°40'W; depth 1257 m; MNHN-

IE-2014-159 • 4 syntypes; station 121; as for preceding; 37°35'N, 31°46'W; depth 1442 m; MNHN-IE-2014-185.

Unspecified origin • 1 syntype, *Talisman* expedition; 1883; MNHN-IE-2014-571 • 1 syntype; same as for preceding; MNHN-IE-2014-567.

tenera Koehler, 1905, *Anasterias*

Anasterias tenera Koehler, 1905: 464; 1906: 12, pl. 2, figs 11-16, pl. figs 27, 28, pl. 4, fig. 41.

Lysasterias perrieri – Clark in Clark & Mah 2001: 247.

CURRENT STATUS. — *Lysasterias perrieri* (Studer, 1885).

TYPE MATERIAL. — **Antarctic** • 1 syntype; unspecified locality; French Antarctic expedition; 1905-1906; MNHN-IE-2014-488 • 1 syntype; same as for preceding; MNHN-IE-2014-265.

REMARK

Koehler (1906) mentions 8 specimens: 2 were collected near Both-Wandel Island at 40 m deep, the origin of the others is unknown.

tenuis Koehler, 1905, *Odontaster*

Odontaster tenuis Koehler, 1905: 468; 1906: 8, pl. 4, figs 33-38.

Odontaster validus – Clark 1993: 198.

CURRENT STATUS. — *Odontaster validus* Koehler, 1905.

TYPE MATERIAL. — **Antarctic** • 1 syntype; Howgard Island; French Antarctic expedition; 1903-1905; MNHN-IE-2014-203 • 4 syntypes; same as for preceding; MNHN-IE-2014-335 • 1 syntype; unspecified locality; same as for preceding; MNHN-IE-2014-211 • 5 syntypes; same as for preceding; MNHN-IE-2014-236 • 1 syntype; same as for preceding; MNHN-IE-2014-445.

REMARK

Koehler (1906) mentions nine specimens: five were collected in Howgard Island waters, the origin of the others is unspecified.

**tenuispina* Lamarck, 1816, *Asterias*

Asterias tenuispina Lamarck, 1816: 561.

Coscinasterias tenuispina – Clark & Downey 1992: 427. — Jangoux 2021: 247 fig. 37.

CURRENT STATUS. — *Coscinasterias tenuispina* (Lamarck, 1816).

**tenuispinus* Sibuet, 1976, *Hymenaster*

Hymenaster tenuispinus Sibuet 1976: 309 fig. 3. — Clark & Downey 1992: 323.

CURRENT STATUS. — *Hymenaster tenuispinus* Sibuet 1976.

REMARK

The specimen came from the Bay of Biscay (Biogas expedition; 47°34'N, 08°38'W; 120-2250 m).



FIG. 30. — *Anasterias studeri* Perrier, 1891: **A**, abactinal; **B**, actinal surfaces of holotype; MNHN-IE-2014-83. Scale bar: 50 mm.

tessellata, Lamarck, 1816, *Asterias*

Asterias tessellata Lamarck, 1816: 552.

Goniaster tessellatus – Jangoux 2021: 247.

CURRENT STATUS. — *Goniaster tessellatus* (Lamarck, 1816).

TYPE MATERIAL. — **Unknown origin**. Holotype; MNHN-IE-2014-65.

REMARKS

The holotype of Lamarck's (1816) *A. tessellata* is also the one of Müller & Troschel's (1842) *Astrogonium lamarckii* (Jangoux 2021: 248, fig. 41).

This species is distributed from North Carolina to Brazil and from Morocco to Gabon.

thalassae Cherbonnier, 1970, *Podosphaeraster*

Podosphaeraster thalassae Cherbonnier, 1970: 203, figs 1-3. — Clark & Downey 1992: 226.

CURRENT STATUS. — *Podosphaeraster thalassae* Cherbonnier, 1970.

TYPE MATERIAL. — **Spain** • holotype and paratype; *Thalassa* expedition, off North-western Spanish coast; depth 500-520 m; MNHN-IE-2014-592.

triangularis Mah, 2018 *Leioastra*

Leioastra triangularis Mah, 2018: 46.

CURRENT STATUS. — *Leioastra triangularis* Mah, 2018.

TYPE MATERIAL. — **Madagascar** • holotype; 26°9'S, 45°40'E, depth 549 m; MNHN-IE-2007-3946.

trispinosus Koehler, 1895, *Zoroaster*

Zoroaster trispinosus Koehler, 1895a: 442; 1896: 33, pl. 2, figs 14, 15.

Zoroaster fulgens – Clark & Downey 1992: 403.

CURRENT STATUS. — *Zoroaster fulgens* Wyville Thomson, 1873.

TYPE MATERIAL. — **Bay of Biscay** • holotype; station 11; *Caudan* campaign; 44°36'N, 04°25'W; depth 650 m; MNHN-IE-2014-271.

**troscheli* Müller & Troschel, 1842, *Chaetaster*

Chaetaster troscheli Müller & Troschel, 1842: 28.

CURRENT STATUS. — *Nomen dubium*.

REMARK

The species is of uncertain identity (Clark 1993: 189).

turqueti Koehler, 1905, *Diplasterias*
(Fig. 31)

Diplasterias turqueti Koehler, 1905: 465; 1906: 19, pl. 2, fig. 17, pl. 4, fig. 39.

Cryptasterias turqueti – Clark in Clark & Mah 2001: 273.

CURRENT STATUS. — *Cryptasterias turqueti* (Koehler, 1905).

TYPE MATERIAL. — **Antarctic** • 1 syntype; Booth-Wandel Island; French Antarctic expedition; 1903-1905; MNHN-IE-2014-615 • 1 syntype; unspecified locality; same as for preceding; MNHN-IE-2014-581 • 3 syntypes; same as for preceding; MNHN-IE-2014-268.

uchelbeluensis Mah, 2005, *Iconaster*

Iconaster uchelbeluensis Mah, 2005: 153.

CURRENT STATUS. — *Iconaster uchelbeluensis* Mah, 2005.

TYPE MATERIAL. — **Philippines** • 1 paratype; station 131; MUSORSTOM 3 expedition; 11°37'N, 121°43'E; depth 120-122 m; MNHN-IE-2014-287.

ultra Mah, 2018 *Pergamaster*

Pergamaster ultra Mah, 2018: 71.

CURRENT STATUS. — *Pergamaster ultra* Mah, 2018.

TYPE MATERIAL. — **Off Mozambique** • holotype; Glorieuses Islands; 11°22'S, 47°17'E; depth 753-824 m; MNHN-IE-2013-17279.

untiedtae Mah, 2018 *Plinthaster*

Plinthaster untiedtae Mah, 2018: 79.

CURRENT STATUS. — *Plinthaster untiedtae* Mah, 2018.

TYPE MATERIAL. — **Madagascar** • holotype; 25°37'S, 46°21'E; depth 618-624 m; MNHN-IE-2013-17281 • 3 paratypes; same as holotype; MNHN-IE-2007-3993.

validus Koehler, 1905, *Odontaster*

Odontaster validus Koehler, 1905: 467; 1906: 6, pl. 3, figs 22-26. — Clark 1993: 198.

CURRENT STATUS. — *Odontaster validus* Koehler, 1905.

TYPE MATERIAL. — **Antarctic** • 1 syntype; Booth-Wandel Island; French Antarctic expedition (1903-1905); MNHN-IE-2014-190 • 1 syntype; same as for preceding; MNHN-IE-2014-208 • 1 syntype; Biscoe Bay; same as for preceding; MNHN-IE-2014-397 • 1 syntype; unspecified locality; same as for preceding; MNHN-IE-2014-210 • 1 syntype; same as for preceding; MNHN-IE-2014-212 • 1 syntype; same as for preceding; MNHN-IE-2014-216 • 1 syntype; same as for preceding; MNHN-IE-2014-230.

REMARK

Koehler (1906) mentioned ten specimens originating from Anvers Island (3), Both-Wandel Island (2), Biscoe Bay (3), Flanders' Bay (1), and unspecified locality (1).

**valencienni* Müller & Troschel, 1842, *Astropecten*

Astropecten valencienni Müller & Troschel, 1842: 68.

Astropecten duplicatus – Clark & Downey 1992: 34.

CURRENT STATUS. — *Astropecten duplicatus* Gray, 1840.

REMARK

A. valencienni type material could not be found in the MNHN.

Three syntypes of the species were formerly referenced under number ECAS-53 (Vera Cruz, Mexico).

vallei Koehler, 1910, *Goniodiscus*

Goniodiscus vallei Koehler, 1910: 75, pl. 7, figs 4, 5.

Goniodiscaster vallei – Clark 1993: 301.

CURRENT STATUS. — *Goniodiscaster vallei* (Koehler, 1910).

TYPE MATERIAL. — **Gulf of Bengal** • 1 syntype; Balasore Bay; 27 m; Indian Museum leg.; MNHN-IE-2014-472.

vanuatuensis Mah, 2005, *Iconaster*

Iconaster vanuatuensis Mah, 2005: 154.

CURRENT STATUS. — *Iconaster vanuatuensis* Mah, 2005.

TYPE MATERIAL. — **Vanuatu** • holotype; MUSORSTOM 8 expedition; station 1018; 17°53'S, 168°25'E; depth 300 m; MNHN-IE-2014-289.

veneris Perrier, 1879, *Culcita*

Culcita veneris Perrier, 1879: 48, pl. 4.

Spoladaster veneris – Mah & Foltz 2014: 361.

CURRENT STATUS. — *Spoladaster veneris* (Perrier, 1879).

TYPE MATERIAL. — **Saint Paul Island (Indian Ocean)** • 1 syntype; Vélain & Rochefort leg.; 1875; MNHN-IE-2014-405 • 1 syntype; same as for preceding; MNHN-IE-2014-407 • 1 syntype; same as for preceding; MNHN-IE-2014-420.

vernicina Lamarck, 1816, *Asterias*

Asterias vernicina Lamarck, 1816: 554.

Petricia vernicina – Clark 1993: 321. — Jangoux 2021: 249.

CURRENT STATUS. — *Petricia vernicina* (Lamarck, 1816).

TYPE MATERIAL. — **South Seas** • 2 syntypes; Baudin expedition; 1800-1804; Péron & Lesueur leg.; MNHN-IE-2014-28.

REMARK

A. vernicina photographs and original drawings are presented in Jangoux (2021: 250 fig. 44).

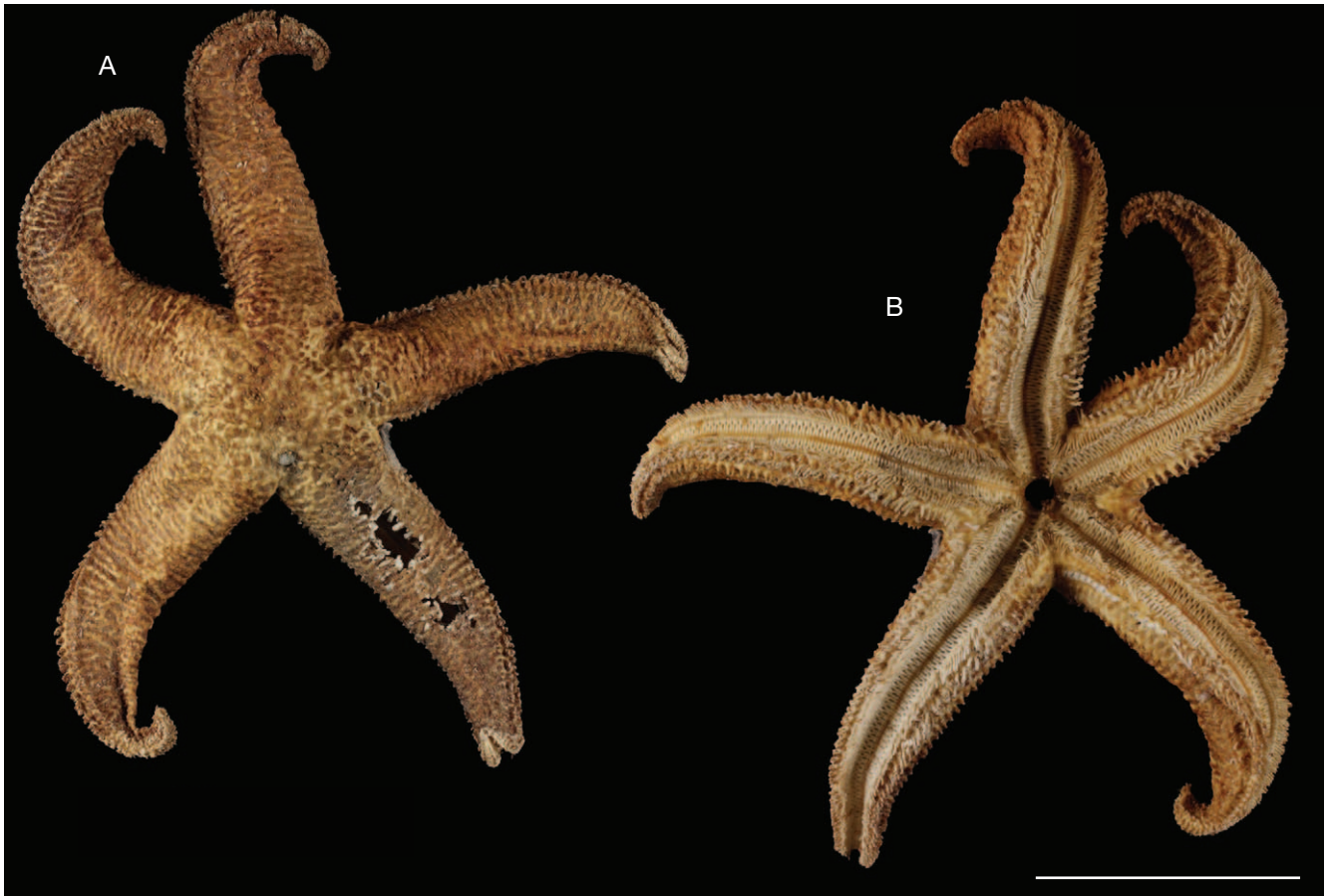


FIG. 31. — *Diplasterias turqueti* Koehler, 1905: **A**, abactinal; **B**, actinal surfaces of a syntype; MNHN-IE-2014-615. Scale bar: 20 mm.

vestitus Perrier, 1869, *Ophidiaster*

Ophidiaster vestitus Perrier, 1869: 258.

Echinaster purpureus – Clark 1996: 225.

CURRENT STATUS. — *Echinaster purpureus* (Gray, 1840).

TYPE MATERIAL. — Comoros • holotype; Mayotte; Captain Cloué leg.; 1847; MNHN-IE-2014-365.

victoriae Koehler, 1911, *Coscinasterias*

Coscinasterias victoriae Koehler, 1911: 32, pl. 5, figs 3, 4.

Diplasterias brucei – Clark in Clark & Mah 2001: 270.

CURRENT STATUS. — *Diplasterias brucei* (Koehler, 1908).

TYPE MATERIAL. — Antarctic • 1 syntype; Cape Royds Bay; British Antarctic expedition; MNHN-IE-2014-428.

vincenti Perrier, 1885, *Pentagonaster*

Pentagonaster vincenti Perrier, 1885: 34; 1894: 396, pl. 26, fig. 2a, b.

Peltaster placenta – Clark & Downey 1992: 257.

CURRENT STATUS. — *Peltaster placenta* (Müller & Troschel, 1842).

TYPE MATERIAL. — Morocco • 1 syntype; station 20; off Mazaghan; *Talisman* expedition; 1883; depth 1105 m; MNHN-IE-2014-587.

webbiana d'Orbigny, 1839, *Stellonia*

Stellonia webbiana d'Orbigny, 1839: 148, pl. 2, fig 8-13.

Marthasterias glacialis – Clark & Downey 1992: 443.

CURRENT STATUS. — *Marthasterias glacialis* (Linnaeus, 1758).

TYPE MATERIAL. — Canary Islands • holotype; MNHN-IE-2014-90.

wega Perrier, 1869, *Asteriscus*

Asteriscus wega Perrier, 1869: 102.

Aquilanastra burtoni – O'Loughlin & Rowe 2006: 268.

CURRENT STATUS. — *Aquilanastra burtoni* (Gray, 1840).

TYPE MATERIAL. — Red Sea • 9 syntypes; Botta leg.; 1835; MNHN-IE-2014-32 • 1 syntype, same as for preceding; MNHN-IE-2014-99.

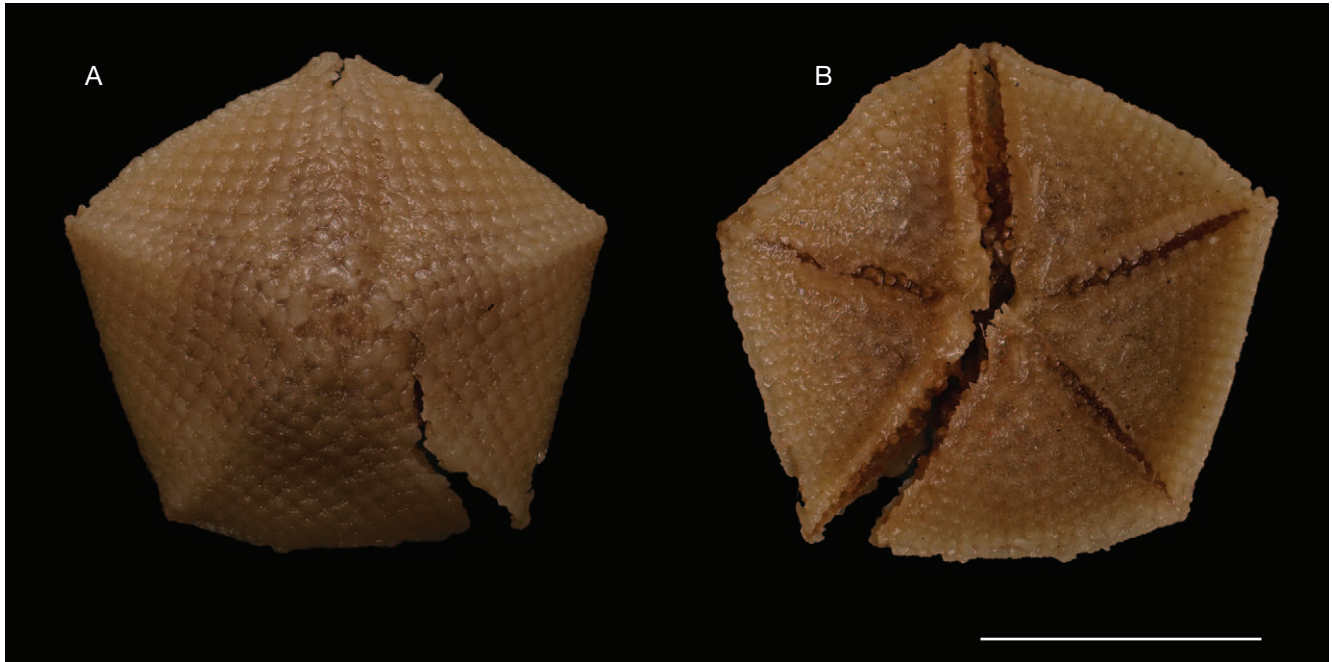


FIG. 32. — *Asterina wesseli* Perrier, 1875: **A**, abactinal; **B**, actinal surfaces of the holotype; MNHN-IE-2014-104. Scale bar: 5 mm.

wesseli Perrier, 1875, *Asterina*
(Fig. 32)

Asterina wesseli Perrier, 1875: 311.

Stegnaster wesseli – Clark & Downey 1992: 194.

CURRENT STATUS. — *Stegnaster wesseli* (Perrier, 1875).

TYPE MATERIAL. — Caribbean Sea • holotype; Barbados; Lütken leg.; MNHN-IE-2014-104

woodmasoni Alcock, 1893, *Milteliphaster*

Milteliphaster woodmasoni Alcock, 1893a: 91, pl. 6, figs 5-7. — Clark 1993: 264.

CURRENT STATUS. — *Milteliphaster woodmasoni* Alcock, 1893.

TYPE MATERIAL. — Andaman sea • 1 syntype; *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-164

REMARK

The type locality of *M. woodmasoni* (*Investigator* survey, Andaman Sea, 420-530 m) is the only known locality of the species.

xenophilus Wood-Mason & Alcock, 1891, *Dictyaster*

Dictyaster xenophilus Wood-Mason & Alcock, 1891: 438, pl. 5, figs 8, 9. — Clark 1996: 222.

CURRENT STATUS. — *Dictyaster xenophilus* Wood-Mason & Alcock, 1891.

TYPE MATERIAL. — Andaman sea • 1 syntype; *Investigator* survey; Indian Museum leg.; MNHN-IE-2014-363 • 1 syntype; same as for preceding; MNHN-IE-2014-381.

REMARK

The type locality of *D. xenophilus* (*Investigator* survey, Andaman Sea, c. 457 m) is the only known locality of the species.

zea Alcock, 1893, *Zoroaster*

Zoroaster zea Alcock, 1893a: 110; 1894-1895: pl. 2, fig. 2-2a; Clark in Clark & Mah 2001: 235.

CURRENT STATUS. — *Zoroaster zea* Alcock, 1893.

TYPE MATERIAL. — Laccadives Sea • 1 syntype; *Investigator* survey; depth 2196 m; Indian Museum leg.; MNHN-IE-2014-249.

REMARK

The type localities of *Z. zea* (*Investigator* survey, Manaar gulf, 1092 m, and Laccadive Sea, 2196 m) are the only known localities of the species.

zodiacalis Müller & Troschel, 1842, *Scytaster*

Scytaster zodiacalis Müller & Troschel, 1842: 35.

Gomophia aegyptiaca – Clark 1993: 353.

CURRENT STATUS. — *Gomophia aegyptiaca* Gray, 1840.

TYPE MATERIAL. — Unknown origin • Holotype; MNHN-IE-2014-53.

REMARK

Gomophia aegyptiaca occurs in the whole Indo-west Pacific Ocean.

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APPENDIX.

APPENDIX 1. — Biographical directory of the persons quoted in the catalogue of Muséum national d'Histoire naturelle asteroids. The brief biographical notices listed below concern all individuals involved in the description, dedication or collecting of every species previously considered.

Ackley, Seth M. (1846-1908). Ackley was the captain of the American oceanographic vessel *Blake*. Edmond Perrier dedicated the species *Zoroaster ackleyi* Perrier, 1881 to him.

Adanson, Michel (1727-1806). The French naturalist Adanson gathered a large collection of plants and animals from Senegal where he stayed from 1746 to 1754. He was a former student of Réaumur.

Agassiz, Alexander (1835-1910). Zoologist and oceanographer from Harvard University (Boston, USA), Alexander Agassiz was the scientist in charge of the scientific campaigns of the vessel *Blake*. Edmond Perrier dedicated to him the species *Dytaster agassizi* Perrier, 1894, *Hymenodiscus agassizi* Perrier, 1882 and *Pentagonaster alexandri* Perrier, 1881, all collected by the *Blake*.

Agassiz, Louis (1807-1873). Louis Agassiz, the father of Alexander, was an American geologist and zoologist originating from Switzerland. He was professor of Zoology at Harvard University. He founded the Harvard Museum of Comparative Zoology (MCZ).

Albert (1861-1914). Actually Albert Koehler, the brother of the echinoderm systematist René Koehler who dedicated the species *Thoracaster alberti* Koehler, 1909 to him.

Albert I^{er} de Monaco (1848-1922). Prince Albert reigned over Monaco from 1889 to 1922. Highly interested in marine sciences, he organized several scientific expeditions on the vessels *L'Hirondelle* and *La Princesse Alice*. He was the founder of the Musée océanographique de Monaco (MANO) and of the Institut océanographique de Paris.

Alcock, Alfred (1859-1933). Alcock was a naval surgeon and naturalist on board the British survey ship *Investigator*. He became later the super intendant of the Indian Museum, Calcutta.

Ameziane, Nadia. Professor at the Muséum national d'Histoire naturelle (MNHN), Paris. Peter O'Loughlin and Frank Rowe dedicated the species *Ailsastra amezianae* O'Loughlin & Rowe, 2005 and Mah the species *Eosaster nadiae* Mah, 2017 to her.

Antoine, Charles François (1843-1906). Antoine was lieutenant and second-in-command of the scientific vessel *Talisman*. Perrier dedicated the species *Coronaster antonii* Perrier, 1894 and *Hyphalaster antonii* Perrier, 1885 to him.

Aziz, Aznam. Aziz is a zoologist of the Research Center for Oceanography, Indonesian Institutes of Sciences. He did a PhD thesis on Indo-Malayan asteroids.

Balansa, Benjamin (1825-1891). Balansa stayed in New Caledonia from 1868 to 1872, being in charge of making botanical and zoological collections for the MNHN. Perrier dedicated the species *Fromia balansae* Perrier, 1875 to him.

Ballieu, Théodore (1828-1885). When he was consul of France in Honolulu (1869-1878), Ballieu regularly sent natural history specimens to the MNHN.

Bather, Francis (1863-1934). Bather was a paleontologist of the British Museum (Natural History), London. Koehler dedicated the species *Sidonaster batheri* Koehler, 1909 to him.

Blake, Daniel. Professor emeritus of Geology at the University of Illinois at Urbana-Champaign. The genus *Akelbaster* Mah, 2007 is an anagram of his name.

Bonnier, Jules (1859-1908). Student, then assistant of professor Giard (Wimereux Marine Station, France), Bonnier was a carcinologist. In 1901 he participated, together with Charles Pérez, on a scientific mission in the Arabian Gulf on board the vessel *Selika*, Gerlache de Gomery commanding.

Botta, Paul-Émile (1802-1870). Being at the same time diplomat, surgeon, explorer, archeologist, and naturalist, Botta was in 1835 on a scientific mission in Yemen and the Red Sea on behalf of the MNHN.

Bourget, Pierre Eslien (1824-1912). Bourget was midshipman onboard the vessel *Travailleur* and, later, onboard the *Talisman* (1880-1883). Perrier dedicated the species *Stephanaster bourgeti* Perrier, 1885 to him.

Bouvier, Aimé (?-1919). Merchant, naturalist and hunter, Bouvier was one of the founders of the Société zoologique de France. He made a scientific mission in Cape Verde Islands from 1867 to 1869. Perrier dedicated the species *Linckia bouvieri* Perrier, 1875 to him.

Brooke, Sandra. Sandra Brooke was a colleague of Christopher Mah who dedicated the species *Circeaster sandrae* Mah, 2006 to her.

Bruce, William (1867-1921). Bruce was a Scottish naturalist. He headed the Scottish Antarctic Expedition on board

the vessel *Scotia* (1902-1904). Koehler dedicated the species *Stolasterias brucei* to him.

Cadenat, Jean (1908-1992). Cadenat was a French marine biologist. He founded the Musée de la Mer of Gorée (Senegal). He erected the species *Luidia mortenseni* Cadenat, 1941.

Carpenter, Alfred (1847-1915). Carpenter was the captain of the British survey ship *Investigator*. Alcock dedicated the species *Zoroaster alfredi* Alcock, 1893 to him.

Castelnau, Francis de la Porte de (1810-1880). The French explorer and naturalist Castelnau headed a natural history expedition in South America (1843-1847).

Charcot, Jean-Baptiste (1867-1936). Charcot was a physician and explorer. He organized two Antarctic campaigns on the vessels *Français* (1904-1905) and *Pourquoi-Pas?* (1908-1910). Koehler dedicated the species *Cryaster charcoti* Koehler, 1912 (second campaign) and *Ripaster charcoti* Koehler, 1905 (first campaign) to him.

Cherbonnier, Gustave (1909-1995). Holothuroid specialist, Cherbonnier was the curator of the echinoderm collection of the Museum. Sibuet dedicated the species *Dytaster cherbonnieri* and Rowe the species *Podosphaeraster gustavei* to him.

Clark, Hubert Lyman (1870-1947). The American zoologist (ophiuroid specialist) Lyman Clark was curator and professor in the Museum of Comparative Zoology (Harvard University), then professor at Stanford University. Koehler dedicated the species *Odinia clarki* to him.

Claussen, Peter (1804-1855). Claussen was a Danish naturalist. He collected samples of many plants and animals (including fossils) which are now scattered in various botanical gardens and natural history museums all over Europe.

Cloué, Georges Charles (1817-1889). French vice-admiral and politician, Cloué was minister of war in 1880 and 1881. While captain, he collected zoological specimens for the Paris Museum. Perrier dedicated the species *Echinaster clouei* and *Oreaster clouei* to him.

Conand, Chantal. The zoologist Conand (holothuroid specialist) is emeritus professor of zoology at the University of La Réunion Island. O'Loughlin & Rowe dedicated the species *Aquilonastra conandae* O'Loughlin & Rowe, 2006 and O'Loughlin & Mackenzie the species *Aquilonastra chantalae* O'Loughlin & Mackenzie, 2013 to her.

Crosnier, Alain (1930-2021). The zoologist Crosnier (carcinologist) managed several oceanographic expeditions in the Indo-Pacific area. Rowe dedicated the species *Asterodiscides crosnieri* Rowe, 1985 to him.

Dabry de Thiersant, Claude Philibert (1857-1898). Dabry was a French diplomat holding a post in China from 1857 to 1871. He was mostly interested in fish and crabs. The MNHN, to which he sent regularly zoological specimens, still has a collection of his animal aquarelles.

Desjardins, Julien (1799-1840). Desjardins was the founder and first director (1829) of the Société d'Histoire naturelle de l'île Maurice. He collected many fishes and marine invertebrates for the MNHN. Michelin dedicated the species *Oreaster desjardinsi* Michelin, 1844 to him.

Deville, Émile (1824-1853). Deville was a naturalist attached to the MNHN. He participated to the Castelnau expedition in South America (1843-1847).

Dollfus, Robert Philippe (1887-1976). Dollfus was professor at the MNHN where he studied parasitic worms.

Douglas, Katherine (1760-1817). Lady Katherine Douglas, the wife of baron Glenbervie (Chief Secretary for Ireland), donated a small collection of sea stars to the British Museum (Natural History). Perrier dedicated the species *Asterias douglasi* Perrier, 1875 to her.

Duchassaing de Fontbressin, Édouard Placide (1818-1873). Duchassaing was a French naturalist who collected marine animals in the Caribbean. He published booklets on zoophytes and sponges.

Dujardin, Félix (1801-1860). Dujardin was zoologist and parasitologist. He was professor at the University of Rennes.

Éléaume, Marc. Éléaume is associate professor at the MNHN. Peter O'Loughlin and Frank Rowe dedicated the species *Ail-sastra eleaumi* O'Loughlin & Rowe, 2005 to him.

Eydoux, Joseph Fortuné (1803-1841). Eydoux was a naval surgeon and naturalist. He participated, together with Souleyet and Gaudichaud, in the round the world expedition of *La Bonite* (1836-1837), Captain Vaillant.

Fabricius, Johan Christian (1745-1808). Johan Fabricius was a Danish entomologist. Friend of Pierre Latreille, the assistant of Lamarck, he stayed regularly in the Paris Museum from 1790 to his death. Perrier dedicated the species *Asterias fabricii* Perrier, 1875 to him.

Filhol, Henri (1843-1902). Filhol was a physician and a zoologist. He participated in the expeditions of *Le Travailleur* (1880-1882) and *Le Talisman* (1883). Perrier dedicated the species *Pectinaster filholi* Perrier, 1885 to him.

Fischer, Paul-Henri (1835-1893). Fischer was a paleontologist and a zoologist (malacologist). He participated in the expeditions of *Le Travailleur* (1880-1882) and *Le Talisman*

(1883). Perrier dedicated the species *Pararchaster fischeri* Perrier, 1894 to him

Fisher, Walter Kenrick (1878-1953). The American zoologist (echinoderm specialist) Fisher was director of Hopkins Marine Station (Stanford University). He published monographs on asteroids from Hawaii, Philippines, North Pacific and the Antarctic. He participated in the oceanographic campaigns of the vessel *Albatross* in 1902 and 1904. Aziz and Jangoux dedicated the species *Anseropoda fisheri* Aziz & Jangoux, 1985 to him.

Fleuriais, Georges Ernest (1840-1895). Commander Fleuriais conducted the 1882 French expedition to Patagonia (observation of the transit of Venus) on board *Le Volage*. His name was given to a bay in the Cape Horn. Perrier dedicated the species *Goniopecten fleuriaisi* Perrier, 1891 to him.

Folin, Léopold de (1817-1896). Folin was an oceanographer and malacologist. He participated in the expeditions of the *Challenger* (1872-1876), *Le Travailleur* (1880) and *Le Talisman* (1883). Perrier dedicated the species *Cheiraster folini* Perrier, 1894 to him.

Fouad, Ahmed (Fouad 1st) (1868-1936). Fouad was Sultan, then King of Egypt from 1917 to 1922. Dollfus dedicated the species *Stellasteropsis fouadi* Dollfus, 1936 to him.

Fourmanoir, Pierre. The zoologist (ichthyologist) Fourmanoir was a member of the French Office de Recherches scientifiques et techniques d'Outre-Mer (ORSTOM). Rowe dedicated the species *Asteropsis fourmanoiri* Rowe, 1985 to him.

Gaimard, Joseph (1793-1858). Gaimard was a naval surgeon and naturalist. He participated, together with Quoy and Gaudichaud, in the round the world expedition of *L'Uranie* (1817-1820), Captain de Freycinet. He also participated, together with Quoy, in the first Dumont d'Urville expedition (1826-1829) on-board *L'Astrolabe*. Later he managed two campaigns to Islandic seas (1838-1839) on-board *La Recherche*.

Gain, Louis (1883-1963). Gain was a member of the MNHN. He participated in the second Antarctic expedition of Charcot on board *Le Pourquoi-Pas?* (1908-1910). Koehler dedicated the species *Lophaster gaini* Koehler, 1912 to him.

Gaudichaud, Charles (1789-1854). Gaudichaud was a chemist and botanist. He participated, together with Quoy and Gaimard, to the round the world expedition of *L'Uranie* (1817-1820) Captain de Freycinet. He also participated in the expedition of *L'Hermine* in South America (1830-1832) and, together with Eydoux and Souleyet, to the round the world expedition of *La Bonite* (1836-1837).

Gay, Claude (1800-1873). Gay was a French naturalist and historian. He was among the earliest specialists of the flora, fauna, geology and geography of Chile. Perrier dedicated the species *Asterina gayi* Perrier, 1875 to him.

Gerlache de Gomery, Adrien (1866-1934). Gerlache was a Belgian explorer of polar seas. He was the captain of the vessel *La Belgica* who did the first Antarctic wintering (1898-1899). Ludwig dedicated the species *Cheiraster gerlachei* Ludwig, 1903 to him.

Germain, Louis-Rodolphe (1827-1917). Germain was a veterinarian in the French colonial army. He stayed in New Caledonia from 1875 and sent regularly natural history specimens to the MNHN. Perrier dedicated the species *Ophidiaster germani* Perrier, 1875 to him.

Gervais, Paul (1816-1879). Gervais was professor in Montpellier and then Paris (Sorbonne) Universities. He was also professor of comparative anatomy in the MNHN.

Giard, Alfred (1846-1908). Giard was professor of zoology at the universities of Lille and Paris (Sorbonne). He founded the zoological laboratory of Wimereux (France). Koehler dedicated the species *Freyella giardi* Koehler, 1907 to him.

Gibory, René (1855-1916). Gibory was lieutenant on the vessel *Le Talisman*. Perrier dedicated the species *Hymenaster giboryi* Perrier, 1894 to him.

Giles, G. M. (?). Captain Giles was a naval surgeon and naturalist on board the British survey ship *Investigator*. Alcock dedicated the species *Zoroaster gilesii* Alcock, 1893 to him.

Godfroy, René-Émile (1885-1981). Godfroy was lieutenant onboard *Le Pourquoi-Pas?* during the second French Antarctic expedition (1908-1910). Koehler dedicated the species *Solaster godfroyi* Koehler, 1912 to him.

Gosselin (?). Gosselin was a marine officer. He was a member of the crew of *Le Travailleur* (1880-1882) and of *Le Talisman* (1883). Perrier dedicated the species *Pentagonaster gosselini* Perrier, 1885 to him.

Grandidier, Alfred (1836-1821). Grandidier was an explorer and naturalist. He authored an impressive monograph (30 volumes) on the ethnology, natural history and geography of Madagascar.

Grieg, James Alexandersøn (1861-1936). Grieg was an echinoderm specialist. He curated the zoological collection of the Bergen Museum (Norway). Koehler dedicated the species *Astropecten griegi* Koehler, 1909 to him.

Gruvel, Jean-Abel (1870-1941). The zoologist Gruvel was professor at Bordeaux University before becoming professor of colonial fisheries in the MNHN. Koehler dedicated the species *Astropecten gruveli* Koehler, 1911 to him.

Gunn, Ronald Campbell (1808-1881). Gunn was an Australian botanist and politician living in Tasmania. He sent many botanical and zoological specimens to the British Museum (Natural History) in London. Perrier dedicated the species *Pentagonaster gunii* Perrier, 1875 to him.

Hahn, Philippe (1850-1892). Hahn was a naval surgeon and naturalist. He was in charge of the collection of marine organisms on board *La Romanche* during the Cape Horn expedition (1882-1883). Perrier dedicated the species *Ganeria habni* Perrier, 1891 to him.

Hemery, Lanaïg. Hemery is a geologist at the Pacific Northwest National Laboratory in Richmond, USA. Mah dedicated the species *Plinthaster lenaigae* Mah, 2018 to her.

Hombron, Jacques (1798-1852). Hombron was a naval surgeon and naturalist. He participated, together with Honoré Jacquinot, in the second round the world of expedition of Dumont d'Urville (1837-1840) on board *L'Astrolabe*.

Hunter, John Georges (1888-1964). Hunter was an Australian naval surgeon and naturalist. He participated in the Australasian Antarctic Expedition (1911-1914). Koehler dedicated the species *Pteraster hunteri* Koehler, 1920 to him

Hupé, Louis Hippolyte (1819-1867). Hupé was a naturalist and paleontologist in the MNHN.

Huepfer, Carl Georg (1841-1894). Huepfer was a captain on merchant ships. During his travels, he sent many zoological specimens to the Hamburg Museum of Natural History. Koehler dedicated the species *Astropecten huepferi* Koehler, 1914 to him.

Hyades, Paul Daniel (1847-1919). Hyades was a physician and anthropologist. He participated in the Cape Horn expedition (1882-1883) on board *La Romanche*. Perrier dedicated the species *Cribrella hyadesi* Perrier, 1891 to him.

Idip, David. Idip was director of the Bureau of Natural Resources and Development of Palau. Mah dedicated the species *Astrosarkus idipi* Mah, 2003 to him.

Ingouff, Jules Alexandre (1846-1901). Lieutenant Ingouff participated in the Cape Horn expedition on board *La Romanche* (1882-1883). Perrier dedicated the species *Pteraster ingouffi* Perrier, 1891 to him.

Jacquet, Édouard Auguste (1852-1935). Jacquet was second-in-command on board *Le Travailleur*. Perrier dedicated the species *Dorigona jacqueti* Perrier, 1882 to him.

Jacquinet, Honoré (1818-1887). Jacquinet was a naval surgeon and naturalist. He participated, together with Hombron, in the second round the world expedition of Dumont d'Urville (1837-1840) on board *La Zélée*.

Jangoux, Michel. Jangoux is a Belgian zoologist (echinoderm specialist). He is emeritus professor at the Free University of Brussels (ULB) and at the University of Mons.

Jéhenne, Aimable Constant (1799-1863). Lieutenant-commander and future rear-admiral Jéhenne crossed the Indian Ocean many times during the years 1840. Perrier dedicated the species *Asterias jehennesii* Cuvier, 1875 to him.

Joubin, Louis (1861-1935). The zoologist Joubin was professor of malacology in the MNHN and director of the Paris Oceanographic Institute. Koehler dedicated him the species, *Nepanthia joubini* Koehler, 1908.

Koehler, René (1860-1931). The zoologist René Koehler was an echinoderm specialist. He was professor at the University of Lyon and was president of the Société zoologique de France.

Korotnev, Alexis (1854-1915). The Russian zoologist Korotnev founded the Russian marine laboratory of Villefranche-sur-mer in 1884.

Lacaze-Duthier, Henri de (1821-1901). The physician and zoologist Lacaze-Duthier was professor of malacology in the MNHN. He founded the French marine laboratories of Roscoff and Banyuls-sur-Mer (Laboratoire Arago). Perrier, his former student, dedicated the species *Asteracanthion lacazei* Perrier, 1869 to him.

Laglaize, Ernest (?). The naturalist Laglaize was a member of the French colonial administration. He explored the coast of Senegal during the years 1886-1890.

Lamarck, Jean Baptiste de (1744-1829). Lamarck was botanist and zoologist at the Jardin du Roi then in the MNHN where he was professor of zoology (invertebrates). He is the founder of transformism. Müller & Troschel dedicated the species *Astrogonium lamarcki* Müller & Troschel, 1842 to him.

Lane, David. Lane is associate professor at University Brunei Darussalam.

Laubier, Lucien (1936-2008). The oceanographer Laubier was professor at Aix-Marseille University and director of the Oceanographical Institute of Paris. Cherbonnier and Sibuet dedicated the species *Freyella laubieri* Cherbonnier & Sibuet, 1972 to him.

Lebrun, Edmond (?). Lebrun was assistant naturalist in the MNHN. He participated in the cap Horn expedition (1882-1883). Perrier dedicated the species *Pteraster lebruni* Perrier, 1891 to him.

Le Monnier, Georges (1843-1931). The botanist Le Monnier was professor at Nancy University. René Koehler, his former student, dedicated the species *Nardoa lemonnieri* Koehler, 1910 to him.

Leschenault, Jean-Baptiste (1773-1826). The botanist Leschenault participated in the Baudin expedition to the South Lands on board *Le Géographe* (1800-1804). Later he made

extensive naturalist surveys in Java, India, Réunion Island and French Guiana.

Lesueur, Charles Alexandre (1778-1846). Lesueur was a naturalist designer who participated in the Baudin expedition to the South Lands on board *Le Géographe* (1800-1804). Later he spent more than 20 years in North America where he explored notably the Mississippi River. Back in France, he founded the Musée d'Histoire naturelle of Le Havre.

Liouville, Jacques (1879-1960). Liouville was a physician and a naturalist. He was the nephew of the explorer Charcot. He participated in the second French Antarctic expedition (1908-1910) on board *Le Pourquoi-Pas ?* Koehler dedicated the species *Bathybiaster liouvillei* Koehler, 1912 to him.

Léguillon (?). Léguillon was a naturalist traveler of the first half of the 19th century.

Loriol, Perceval de (1870-1931). Loriol was a Swiss annuitant and paleontologist (echinoderm specialist). He was interested also in extant species, particularly those of the Indian Ocean. Koehler dedicated the species *Asterina lorioli* Koehler, 1910 to him.

Louie, Kristina. (1974-2004). Louie was an ichthyologist working on pipefish who passed away shortly after receiving her degree. Mah named the species *Circeaster kristinae* Mah, 2006 for her.

Lovèn, Sven (1809-1895). Lovèn was a marine zoologist specialist of echinoderms and mollusks. He was director of the department of invertebrates in the Swedish Museum of Natural History. Perrier dedicated the species *Diplasterias loveni* Perrier, 1891 to him.

Ludwig, Hubert Jacob (1852-1913). Ludwig was a German zoologist specialist of echinoderms. He was professor at the University of Bonn.

Lumière, Jeanne (1870-1926). Jeanne Lumière was the wife of the echinoderm systematist René Koehler, and the sister of Auguste and Louis Lumière. Koehler dedicated the species *Chitonaster johanna* Koehler, 1907 to her.

Lumière, Louis (1864-1948). Louis Lumière was brother-in-law of the systematist René Koehler who dedicated the species *Palmipes ludovici* Koehler, 1909 to him.

Lütken, Christian Frederik (1827-1901). Lütken was a Danish zoologist specialist of echinoderms and fish. He was professor at the Copenhagen University. Perrier dedicated the species *Diplasterias luetkeni* Perrier, 1891 to him.

Lyman III, Theodore (1833-1897). The American zoologist (echinoderm specialist) and politician Lyman was one of the students of Louis Agassiz. He was among the founders

of the Museum of Comparative Zoology of Harvard University. Perrier dedicated the species *Asterina lymani* Perrier, 1881 to him.

Mackenzie, Melanie. Mackenzie is a zoologist in the Victoria Museum, Melbourne.

Maclean, Archibald (1885-1922). Maclean was physician and bacteriologist. He participated in the Australian Antarctic expedition (1911-1912). Koehler dedicated the species *Peribolaster macleani* Koehler, 1920 to him.

Mah, Christopher. As zoologist (asteroid specialist), Mah is a researcher in the National Museum of Natural History, Washington.

Maillard, Louis (1814-1865). Maillard was a colonial engineer and cartographer. He authored an encyclopedic work on La Réunion Island.

Marion Dufresne, Marc Joseph (1724-1772). Marion Dufresne was a navigator and explorer. He discovered several Islands in subantarctic seas. Perrier dedicated the species *Crenaster marioni* Perrier, 1885 to him.

Marsh, Loïsette. Echinoderm researcher at the Western Australian Museum in Perth. Mah named the species *Circeaster loïsetteae* Mah, 2006 for her.

Michaelsen, Wilhelm (1860-1937). Michaelsen was a zoologist (oligochaete specialist) at the Hamburg Museum of Natural History. He organized several scientific expeditions, notably along the West African coasts. Koehler dedicated the species *Astropecten michaelseni* Koehler, 1914 to him.

Michelin de Choisy, Jean-Louis Hardouin (1786-1867). Michelin was an inspector of finance and amateur of natural sciences. He gathered an impressive zoological collection that he gave during his lifetime to the MNHN. Perrier dedicated the species *Goniodiscus michelini* Perrier, 1869 to him.

Milbert, Jacques (1766-1840). Milbert was a landscape designer. He stayed in North America from 1815 to 1824, a period during which he regularly sent zoological specimens to the MNHN.

Milne-Edwards, Alphonse (1835-1900). Milne-Edwards was a physician, pharmacist and zoologist. He was director of the MNHN from 1891 to 1900. Perrier dedicated the species *Goniopecten edwardsi* Perrier, 1882 to him.

Modest (?). Captain (merchant ship?) and amateur of natural sciences, Modest sent many invertebrates from Cochinchina to the MNHN.

Mortensen, Ole Theodor (1868-1952). Mortensen was a Danish zoologist (echinoderm specialist) at the Zoological

Museum of Copenhagen. He published a major monograph (16 volumes) on echinoids. Cadenat dedicated the species *Luidia mortenseni* Cadenat, 1941 to him.

Müller, Johannes Peter (1801-1858). Johannes Müller was a German zoologist (ichthyologist). He was professor at Bonn University, then at Humboldt University (Berlin).

Nutting, Charles Cleveland (1858-1927). The American zoologist Nutting was a professor at Cornell University. He participated to the Hawaiian expedition of the vessel *Albatross* in 1902. Fisher dedicated the species *Patagiaster nuttingi* Fisher, 1906 to him.

O’Loughlin, Mark. The Australian zoologist (echinoderm specialist) O’Loughlin is associate with the marine biology section of the Victoria Museum (Melbourne).

Orbigny, Alcide d’ (1802-1857). The naturalist, explorer and paleontologist d’Orbigny travelled throughout Latin America for seven years (1826-1833) on behalf of the MNHN.

Parfait, Jacques Théophile (1839-1915). Commander Parfait participated in the expedition of *Le Talisman* (1883). Perrier dedicated the species *Coronaster parfaiti* Perrier, 1885 and *Hyphalaster parfaiti* Perrier, 1885 to him.

Peirce, Benjamin (1809-1880). The American mathematician Peirce was professor in the Harvard University. He was director of the “US Coast Survey” from 1867 to 1874. Perrier dedicated the species *Anthenoides peircei* Perrier, 1881 to him.

Pérez, Charles (1873-1952). The zoologist Pérez was professor at Bordeaux and then Paris (Sorbonne) Universities.

Péron, François (1775-1810). The zoologist Péron participated in the Baudin expedition to the Southern Lands on board *Le Géographe* (1800-1804).

Perrier, Edmond (1844-1921). The zoologist (asteroid specialist) Perrier participated in the expeditions of *Le Travailleur* and *Le Talisman* (1880-1883). He was director of the MNHN from 1900 to 1919. The species *Asterina perrieri* Loriol, 1904 and *Myxaster perrieri* Koehler, 1895 were dedicated to him by de Loriol and Koehler, respectively.

Peters, Paul (1939-1979). Peters was a Belgian designer who died prematurely. Jangoux dedicated the species *Dissogenes petersi* Jangoux, 1981 to him.

Plée, Auguste (1786-1825). The botanist Plée was posted in Guadeloupe by the French government. He travelled in South and North America and in the Antilles, being in charge of sending natural history specimens to the MNHN.

Pourtalès, Louis François (1807-1880). The American zoologist Pourtalès, a former student of Louis Agassiz, was in charge

of littoral research at the “US coast Survey” before becoming director of the Museum of Comparative Zoology at Harvard University. Perrier dedicated the species *Pedicellaster pourtalesi* Perrier, 1881 to him.

Prévost, Contant (1781-1856). The geologist Prévost was one of the founders of the Société géologique de France. He was professor at the University of Paris (Sorbonne).

Price, Rebecca. Rebecca Price (University of Washington) was a colleague of Mah who dedicated the species *Goniodiscaster beccae* Mah, 2007 to her.

Quoy, Jean René (1790-1869). Quoy was a naval surgeon and naturalist. He participated, together with Gaimard and Gaudichaud, in the round the world expedition of *L’Uranie* (1817-1820) de Freycinet commanding. He also participated in the first expedition of Dumont d’Urville on board *L’Astrolabe* (1826-1829).

Rallier du Baty, Raymond (1881-1978). Rallier was a navigator. He participated in the first French Antarctic expedition of Charcot (1903-1905). Later he organized expeditions in the Kerguelen Islands. Koehler dedicated the species *Cribellopsis rallieri* Koehler, 1917 to him.

Reynaud, Auguste (1804-1872). Reynaud was a French naval surgeon and naturalist. He participated in the expedition of *La Chevrette* (1827-1828) in the Bay of Bengal and Indonesia.

Reyss, Daniel (1935-2021). The French oceanographer Reyss organized several deep-sea expeditions using submersibles in the N.E. Atlantic. Sibuet dedicated the species *Ophidiaster reyssi* Sibuet, 1977 to him.

Richard, Louis Claude (1754-1821). The botanist Richard was director of the Botanical Garden of Cayenne (French Guiana). Perrier dedicated the species *Astropecten richardi* Perrier, 1875 to him.

Richard, Louis Marie (1862-1952). Richard was second-in-command of the vessel *Le Talisman* during the 1883 expedition. Perrier dedicated the species *Asterias richardi* Perrier, 1882 to him.

Roan, Jeanette. Roan is professor at the California College of Arts. Mah named the species *Mediaster roanae* Mah, 2018 for her.

Rochefort, E. (?). The naval surgeon Rochefort participated in the 1874 expedition to St Paul Island (Indian Ocean) to observe the transit of Venus.

Rowe, Frank. The British zoologist (echinoderm specialist) Rowe was curator of the echinoderm section in the Australian Museum, Sydney.

Samadi, Sarah. Sarah Samadi is professor of marine biology at the Paris Muséum national d'Histoire naturelle. Mah dedicated the species *Calliaster sarahae* Mah, 2018 to her.

Sibuet, Myriam. Zoologist and oceanographer, Sibuet was director of the department of deep-sea environment in the French institute "Ifremer".

Sigsbee, Charles Dwight (1845-1923). Sigsbee was oceanographer and hydrographer. He was the captain of the scientific vessel BLAKE from 1875 to 1878. Perrier dedicated the species *Zoroaster sigsbeeii* Perrier, 1881 to him.

Sladen, Percy (1849-1900). Sladen was a British zoologist (asteroid specialist). Perrier dedicated the species *Caulaster sladeni* Perrier, 1885 and *Cribraster sladeni* Perrier, 1891 to him.

Smith, Edgar Albert (1847-1916). Smith was a British zoologist (malacologist). He was in charge of the zoological collections of the British Museum (Natural History). Ludwig dedicated the species *Echinaster smithi* Ludwig, 1903 to him.

Souleyet, Louis (1811-1852). Souleyet was a naval surgeon and naturalist. He participated, together with Eydoux and Gaudichaud, in the round the world expedition of *La Bonite* (1836-1837). Dujardin and Hupé dedicated the species *Astrogonium souleyetii* Dujardin & Hupé, 1862 to him.

Studer, Théophile Rudolphe (1845-1922). Studer was a Swiss theologian, physician and zoologist. He was curator of the zoological collection of the Bern Museum of Natural History and professor at Bern University. He participated to the round the world expedition of the vessel *Gazelle* (1874-1876). Perrier dedicated the species *Anasterias studeri* Perrier, 1891 and *Cribrella studeri* Perrier, 1891 to him.

Troschel, Herman (1810-1882). Troschel was a German zoologist. He was professor at Bonn University. Müller dedicated the species *Chaetaster troscheli* Müller & Troschel, 1842 to him.

Turquet, Jean (1867-1945). Turquet was a physician and naturalist. He participated in the first French Antarctic expedition of Charcot (1903-1905). Koehler dedicated the species *Diplasterias turqueti* Koehler, 1906 to him.

Untiedt, Candice. Untiedt is a researcher in marine biology at the University of Tasmania. Mah dedicated the species *Plinthaster untiedtae* Mah, 2018 to her.

Valenciennes, Achille (1794-1865). The zoologist Valenciennes, a former student of Cuvier, was professor of malacology in the MNHN. Müller & Troschel dedicated the species *Astropecten valencienni* Müller & Troschel, 1842 to him.

Vallée, Paul (?). Vallée was professor in a Lyon secondary school and a friend of René Koehler. The later dedicated the species *Goniodiscus vallei* Koehler, 1910 to him.

Vaney, Clément (1872-1955). Like his friend René Koehler, the zoologist Vaney was professor at the University of Lyon.

Vélain, Charles (1845-1925). The geologist Vélain participated in the 1874 expedition to St Paul Island (Indian Ocean) to observe the transit of Venus.

Verreaux, Jules (1807-1873). Verreaux was a naturalist traveler attached to the Natural History Museum of Paris. He travelled throughout South Africa, Australia and Tasmania, sending natural history specimens to the MNHN.

Vincent (?). Vincent was naval surgeon on board the vessel *Le Talisman*. Perrier dedicated the species *Pentagonaster vincenti* Perrier, 1885 to him.

Webb, Phillip Barker (1793-1854). Webb was a British traveler and naturalist. He gathered a large collection of natural history specimens during his travels throughout Europe and in the Canary Islands. d'Orbigny dedicated the species *Stellonia webbiana* d'Orbigny, 1839 to him.

Wessel, Caspar (1745-1818). Wessel was a Danish mathematician and cartographer. Perrier dedicated the species *Asterina wesseli* Perrier, 1875 to him.

Wood-Mason, James (1846-1893). Wood-Mason was a Scottish zoologist. He was the super intendant of the "Indian Museum" (Calcutta). Alcock dedicated the species *Milteliphaster woodmasoni* Alcock, 1893 to him.

Wall, Elender (1975-2016). Wall was opera singer. Mah dedicated the species *Wallastra elenderae* Mah, 2018 to her.

Young, Craig. Deep-sea biologist, Young is director of the Oregon Institute of Marine Biology. Mah dedicated the species *Circeaster pullus* Mah, 2006 to him (*pullus* is Latin word for young).