

***Catalogue of copepods associated  
with marine invertebrates at Nosy Bé,  
northwestern Madagascar, and vicinity***

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ABSTRACT

*In the region of Nosy Bé, Madagascar, 244 species of copepods are associated with 270 species of marine invertebrates, from the intertidal zone to a depth of 50 meters. These copepods are listed with their hosts and localities where found.*

KEYWORDS : Copepods — Catalogue — Associations with marine invertebrates — Madagascar.

RÉSUMÉ

CATALOGUE DES COPÉPODES ASSOCIÉS À DES INVERTÉBRÉS MARINS À NOSY BÉ ET RÉGIONS AVOISINANTES  
(NORD-OUEST DE MADAGASCAR)

*Dans la région de Nosy Bé, Madagascar, 244 espèces de copépodes s'associent aux 270 espèces d'invertébrés marins, de la zone intertidale jusqu'à une profondeur de 50 mètres. Une liste de ces copépodes avec leurs hôtes et localités est présentée.*

MOTS CLÉS : Copépodes — Inventaire faunistique — Associations aux invertébrés marins — Madagascar.

INTRODUCTION

Many copepods are associated with shallow-water marine invertebrates, especially in tropical or subtropical regions (GORTO, 1979; HUMES, 1994 a). Such copepods, mostly Poecilostomatoida and Siphonostomatoida, but including several Cyclopoida and Harpacticoida, have been intensively studied in the vicinity of Nosy Bé, approximately 13°20' S,

48°15' E, in northwestern Madagascar, where field work was carried out over a period of 27 months in 1955, 1960, 1963-1964, and 1967. Collections were made from intertidal areas to a depth of 50 m by snorkeling and SCUBA diving.

This work resulted in the description and cataloguing of 244 species of copepods, 228 (93 %) of them new. These are associated with 270 host species of invertebrates, including various Porifera, Cnida-

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ria, Mollusca, Annelida, Crustacea, Echinodermata, and Ascidiacea. Seven species of *Hemicyclops* are from intertidal burrows made by unknown invertebrates, presumably crustaceans or polychaetes. (Several species of Cyclopoida from Ascidiacea have not yet been studied.)

This catalogue includes all species known at present in the region of Nosy Bé, and indicates the abundance of species of associated copepods and their various invertebrate hosts.

The numbers in figures 1 and 2 refer to the 61 areas where the copepods were collected: 1, Ambafaho; 2, Ambanoro; 3, Ambariobe; 4, Ambariotelo; 5, Ambariotsimaramara; 6, Ambatoloaka; 7, Ambato Rano; 8, Ampasindava; 9, Ampombilava; 10, Ampassipohe; 11, Andilana; 12, Andraikarekabe; 13, Ankazoberavina; 14, Antafiabe; 15, Antafianambitry; 16, Ankify; 17, Antany Mora (îles Radama); 18, Antsakoabe; 19, Antsiabe; 20, Bamoko; 21, Banc de Cinq Mètres; 22, Banc de Dzamandzar; 23, Banc de la Lanterne; 24, Banc des Frères (near îles Mitsio); 25, Banc du Touareg; 26, Bay of Ampasindava; 27, Befifika; 28, Befotaka; 29, black buoy north of Nosy Varona; 30, Boloboxo (Nosy Faly); 31, harbor at Hellville; 32, Madirokely; 33, Navetsy; 34, north of Ankazoberavina; 35, north of Nosy Sakatia; 36, northeast of Nosy Faly; 37, Nosy Faly; 38, Nosy Fanihy; 39, Nosy Iranja; 40, Nosy Kisimany; 41, Nosy Mamoko; 42, Nosy N'Tangam (sometimes spelled Nosy Tanga); 43, Nosy Taolankena; 44, Nosy Ovy (îles Radama); 45, Nosy Roty; 46, Nosy Sakatia, southern end; 47, pass between Nosy Bé and Nosy Komba; 48, Pointe à la Fièvre; 49, Pointe Ambarionaomby; 50, Pointe Andemby (Nosy Faly); 51, Pointe Antsamantsara; 52, Pointe de Tafondro; 53, Pointe Lokobe; 54, Pointe Mahatsinjo; 55, Rocher du N.E.; 56, Sanitry; 57, south of Nosy Bé; 58, south of Tany Kely; 59, southwest of Nosy Bé; 60, south of Nosy Bé; 61, Tany Kely.

For each species of copepod the localities where it and its host (or hosts) was found are indicated by numbers within parentheses. References in [ ] contain records in addition to those found in the original description.

## CATALOGUE

### HARPACTICOIDA

#### CANCRINCOLIDAE

*Pholetiscus relictus* Humes, 1956. From *Sesarma meinerti* de Man (2, and Andjiabe, 65 km east of Nosy Bé on the mainland of Madagascar, not shown in fig. 1).

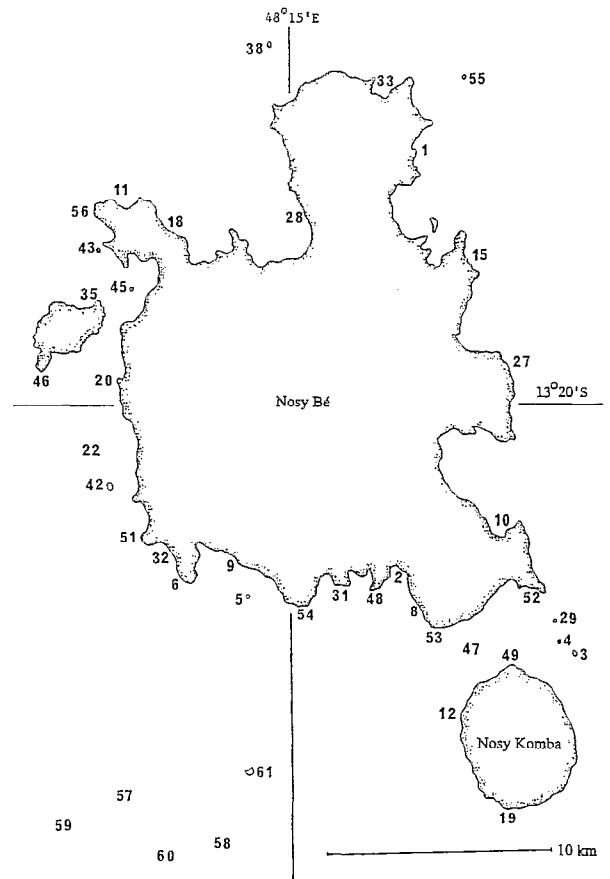


FIG. 1. — Localities where collections of copepods from invertebrates were made at Nosy Bé, Nosy Komba, and small islands in the vicinity.

Sites de récolte de copépodes sur des invertébrés à Nosy Bé, Nosy Komba et les petites îles avoisinantes.

#### CANUELLIDAE

*Sunaristes dardani* Humes and Ho, 1969. From *Dardanus megistos* (Herbst) (2, 3, 6, 15, 16, 20, 27, 40, 42, 48, 50); *Dardanus deformis* (H. Milne Edwards) (3); *Dardanus guttatus* (Olivier) (42, 51, 56); *Dardanus lagopodes* (Forskål) (42, 53); *Calcinus latens* (Randall) (42).

*Sunaristes inaequalis* Humes and Ho, 1969. From *Dardanus megistos* (Herbst) (3, 18); unidentified hermit crabs (16).

#### PELTIDIIDAE

*Alteuthellopsis corallina* Humes, 1981. From *Merulina ampliata* (52); *Platygyra daedala* (Ellis and Solander) (3); *Platygyra* sp. (3); *Astreopora* sp. (54).

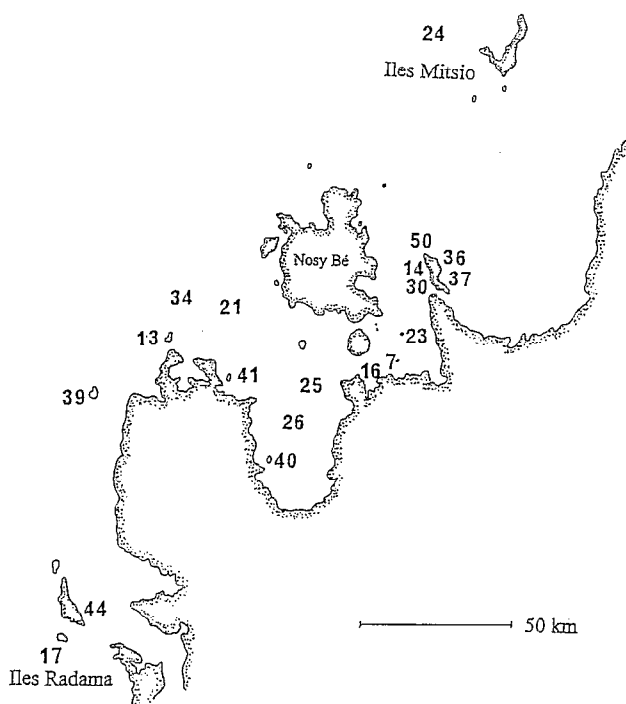


FIG. 2. — Localities from Radama to Mitsio islands where collections of copepods from invertebrates were made. Localisation des récoltes de collection de copépodes des îles Radama aux îles Mitsio.

#### PORCELLIDIIDAE

*Porcellidium brevicaudatum* Thompson and A. Scott, 1903 [HUMES and Ho, 1969 c]. From *Dardanus megistos* (Herbst) (2, 16, 18, 27, 33, 42, 49, 61); *Dardanus guttatus* (Olivier) (16, 33, 42, 51); *Dardanus lagopodes* (Forskål) (53).

*Porcellidium echinophilum* Humes and Gelerman, 1962. From *Echinometra mathaei* (Blainville) (49).

#### TISBIDAE

*Paraidya occulta* Humes and Ho, 1969. From *Dardanus megistos* (Herbst) (2, 40, 42, 49, 50, 51, 53, 61); *Dardanus guttatus* (Olivier) (33, 51).

### CYCLOPOIDA

#### NOTODELPHYIDAE

*Bysones operculatus* Stock and Humes, 1970. From *Parerythropodium fulvum* (Forskål) ssp. *fuscum* (Thomson and Henderson) (51).

*Demoixys affinis* Stock and Humes, 1970. From *Parerythropodium fulvum* (Forskål) ssp. *fuscum* (Thomson and Henderson) (51).

*Paranotodelphys procax* Stock and Humes, 1970. From *Parerythropodium fulvum* (Forskål) ssp. *fuscum* (Thomson and Henderson) (51).

*Thoracodelphys unisetata* Stock and Humes, 1970. From *Parerythropodium fulvum* (Forskål) ssp. *fuscum* (Thomson and Henderson) (16).

#### ASCIDICOLIDAE

*Haplostoma humesi* Ooishi, 1995. From *aplidium* sp. (6).

### POECILOSTOMATOIDA

#### ANTHESSIIDAE

*Anthessius alatus* Humes and Stock, 1965 (The three species associated with *Tridacna*, *A. alatus*, *A. amicalis*, and *A. solidus*, are considered by NAIR (1988) to belong to his new genus *Tridacnophilus*.) From *Tridacna squamosa* (Lamarck) (3, 49).

*Anthessius amicalis* Humes and Stock, 1965. From *Tridacna squamosa* (Lamarck) (3, 4, 5, 41, 49, 52, 53).

*Anthessius distensus* Humes and Ho, 1965. From *Pteria macroptera* Lamarck (4, 9, 49, 53, 61).

*Anthessius dolabellae* Humes and Ho, 1965. From *Dolabella scapula* (Martijn) (4, 37, 42, 49, 61).

*Anthessius pinnae* Humes, 1959. From *Pinna muricata* Linnaeus (53).

*Anthessius solidus* Humes and Stock, 1965. From *Tridacna squamosa* (Lamarck) (3, 5, 41, 49, 52, 53).

*Anthessius stylocheili* Humes and Ho, 1965. From *Stylocheilus longicauda* (Quoy and Gaimard) (16).

#### CLAUSIDIIDAE

*Conchylirus* sp. From *Antigone puerpera* Linnaeus (53).

*Cotylomolgus lepidonoti* Humes and Ho, 1967. From *Lepidonotus cristatus* (Grube) (6, 18, 27, 33).

*Hemicyclops acanthophorus* Humes, in press. From burrows (28).

*Hemicyclops acanthosquillae* Humes, 1965. From *Acanthosquilla* sp. (later described as *A. humesi* Manning, 1968) (18).

*Hemicyclops amplicaudatus* Humes, 1965. From burrows of *Axius (Neaxius) acanthus* A. Milne Edwards (11, 18, 33, 39, 42).

*Hemicyclops apiculus* Humes, in press. From *Favia* sp. (48); *Dendrophyllia micracanthus* Klunzinger, var. *grandis* Crossland (42).

*Hemicyclops axiophilus* Humes, 1965. From burrows of *Axius (Neaxius) acanthus* A. Milne Edwards (11, 18, 33, 39, 42).

*Hemicyclops biflagellatus* Humes, 1965. From burrows (10).

*Hemicyclops carinifer* Humes, 1965. From burrows (2, 10, 14, 19, 20, 28, 30, 32, 40, 45, 46, 48, 49).

*Hemicyclops diremptus* Humes, 1965. From burrows (10, 14, 28, 30, 32, 40, 45, 48, 49).

*Hemicyclops kombensis* Humes, 1965. From burrows (19, 32, 45, 49).

*Hemicyclops perinsignis* Humes, 1973. From sponge, *Agelas* sp. (61).

*Hemicyclops vicinalis* Humes, in press. From shells occupied by *Dardanus gullatus* (Olivier).

*Hemicyclops visendus* Humes, Cressey and Gooding, 1958. From *Upogebia* (*Upogebia*) sp.

*Hippomolgus cognatus* Humes and Ho, 1967. From *Tubipora musica* (Linnaeus) (48, 49).

*Hippomolgus latipes* Humes and Ho, 1967. From *Tubipora musica* (Linnaeus) (49).

#### LICHOMOLGIDAE

*Acanthomolgus arclatipes* Humes, 1974. From *Echinogorgia sasappo* (Esper) (19, 42, 53, 61).

*Acanthomolgus strictus* Humes and Stock, 1973 [HUMES and STOCK, 1973]. From *Acanthogorgia aspera* (Pourtalès) (13, 21, 44, 53, 61); *Muricella rubra robusta* Thomson and Simpson (42, 61).

*Acanthomolgus combinatus* Humes, 1974. From *Echinogorgia sasappo* (Esper) (19, 42, 53, 61).

*Acanthomolgus cuneipes* (Humes and Ho, 1968). From *Dendronephthya mucronata* (Pütter) (9); *Stereonephthya acaulis* Verseveldt (1, 9, 12, 61).

*Acanthomolgus exilipes* (Humes and Ho, 1968). From *Dendronephthya köllikeri* Kükenthal (44); *Dendronephthya mucronata* (Pütter) (9, 17, 19, 61); *Dendronephthya regia* Verseveldt (21, 57); *Dendronephthya stocki* Verseveldt (21, 34); *Dendronephthya speciosa* Kükenthal (13, 49); *Stereonephthya cordylophora* Verseveldt (34); *Dendronephthya* sp. (24).

*Acanthomolgus fissisetiger* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Stereonephthya acaulis* Verseveldt (= *S. papyracea* Verseveldt) (1, 9, 12, 25, 61); *Lemnalia elegans* (May) (53); *Lemnalia humesi* Verseveldt (53).

*Acanthomolgus gentilis* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Dendronephthya mucronata* (Pütter) (9, 13, 17, 35, 51, 55, 61); *Dendronephthya köllikeri* Kükenthal (44); *Dendronephthya lokobeensis* Verseveldt (51); *Dendronephthya speciosa* Kükenthal (49, 61); *Dendronephthya stocki* Verseveldt (61); *Dendronephthya* sp. (24); *Stereonephthya acaulis* Verseveldt (6, 9, 12, 51, 53, 49, 61); *Stereonephthya cordylophora* Verseveldt (34); *Stereonephthya papyracea* Kükenthal (61); *Umbellulifera striata* (Thompson and Henderson) (53).

*Acanthomolgus hales* Humes and Stock, 1973 [HUMES, 1974; HUMES and STOCK, 1973]. From *Solenocaulon tortuosum* Gray (47).

*Acanthomolgus hians* (Humes and Ho, 1968). From *Siphonogorgia pendula* Studer (19, 22); *Siphonogorgia pichoni* Verseveldt (29, 61).

*Acanthomolgus longispinifer* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Siphonogorgia pendula* Studer (19, 22); *Siphonogorgia pichoni* Verseveldt (29, 61).

*Acanthomolgus mopsellae* Humes, 1974. From *Mopsella rubeola* Wright and Studer (53).

*Acanthomolgus plantei* Humes and Stock, 1973. From *Umbellulifera striata* (Thompson and Henderson) (47, 59).

*Acanthomolgus telestophilus* (Humes and Ho, 1968). From *Telesto arborea* Wright and Studer (17); *Coelogorgia palmosa* Milne Edwards and Haime (3, 48).

*Acanthomolgus varirostratus* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Dendronephthya cirsiium* Kükenthal (35); *Dendronephthya köllikeri* Kükenthal (44); *Dendronephthya lokobeensis* Verseveldt (47); *Dendronephthya mucronata* (Pütter) (9, 17, 24, 34, 35, 51, 55, 61); *Dendronephthya regia* Verseveldt (21, 34); *Dendronephthya speciosa* Kükenthal (55); *Dendronephthya stocki* Verseveldt (21, 34, 61); *Dendronephthya* sp. (24); *Stereonephthya cordylophora* Verseveldt (34).

*Acanthomolgus verseveldti* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Xenia lepida* Verseveldt (53); *Heteroxenia elisabethae* Kölliker (49, 53); *Heteroxenia fuscescens* (Hemprich and Ehrenberg) (21).

*Alcyonomolgus dissimilis* (Humes, 1982). From *Sarcophyton acutangulum* Verseveldt (9, 42, 51, 61).

*Alcyonomolgus incisus* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Sarcophyton ehrenbergi* Marenzeller (11, 51).

*Alcyonomolgus insolens* (Humes and Ho, 1968). From *Lobophytum crassum* Marenzeller (1, 5, 42).

*Alcyonomolgus lumellifer* Humes, 1990. From *Lobophytum pauciflorum* (Ehrenberg) (47).

*Alcyonomolgus sarcophyticus* (Humes, 1982). From *Sarcophyton acutangulum* (Von Marenzeller) (9, 42, 51, 61); *Sarcophyton glaucum* (Quoy and Gaimard) (4, 48); *Sarcophyton cornispiculatum* Verseveldt (49).

*Amarda compta* Humes and Stock, 1973. From *Favia* sp. (3, 9).

*Amarda cultrata* Humes and Stock, 1973. From *Favia* sp. (3, 4, 9, 48).

*Anchimolgus digitalis* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Favia* sp. (43); *Goniopora* sp. (49).

*Anchimolgus prolixipes* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Goniopora* sp. (54); *Porites* sp. (9).

*Andrianellus exsertidens* Humes and Stock, 1973. From *Favia* sp. (4); *Platygyra daedala* (Ellis and Solander) (48).

*Anisomolgus protentus* (Humes and Frost, 1964) [HUMES, 1982; HUMES and STOCK, 1973]. From *Sarcophyton glaucum* (Quoy and Gaimard) (4, 16, 42, 51, 48, 49); *Sarcophyton* sp. (16).

- Ascetomolgus plicatus* Humes and Stock, 1973. From *Studeriotis semperi* (Studer) (47).
- Colobomolgus cristatus* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Sinularia leptocladus* Hemprich and Ehrenberg (11, 16, 39, 54).
- Colobomolgus dentipes* (Thompson and A. Scott, 1903) [HUMES and HO, 1968a; HUMES and STOCK, 1973]. From *Sinularia humesi* Verseveldt (9).
- Colobomolgus laboutei* Humes and Stock, 1973. From *Sinularia leptocladus* Hemprich and Ehrenberg (11, 16).
- Contomolgus lokobeensis* Humes and Stock, 1973. From *Studeriotis semperi* (Studer) (47); *Dendronephthya stocki* Verseveldt (34).
- Critomolgus audens* (Humes, 1959). From *Platydris scaber* (Cuvier) (48).
- Critomolgus fozi* (Gurney, 1927) [HUMES and HO, 1968a; HUMES and STOCK, 1973]. From *Cladiella krempfi* Hickson (52); *Cladiella laciniosa* (Tixier-Durivault) (40, 52); *Cladiella latissima* (Tixier-Durivault) (25, 52); *Cladiella pachyclados* (Klunzinger) (4); *Cladiella sphaerophora* (Hemprich and Ehrenberg) (42).
- Critomolgus gemmatus* Humes, 1964. From *Stoichactis giganteum* (Forskål) (11, 32, 54).
- Critomolgus magnificus* Humes, 1964. From *Stoichactis giganteum* (Forskål) (11, 32, 54).
- Critomolgus pteropadus* (Humes, 1978). From *Pteroeides oblongum* Gray (29, 47).
- Critomolgus virgulariae* (Humes, 1978). From *Virgularia juncea* (Pallas) (6, 29, 47).
- Doridicola aculeatus* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Litophyton arborescens* Forskål (12); *Nephthea aberrans* Verseveldt (61); *Nephthea amantacea* Studer (19, 52); *Nephthea bumasta* Verseveldt (53); *Nephthea crassa* Kükenthal (54, 61); *Nephthea filamentosa* Verseveldt (61); *Nephthea galbuloides* Verseveldt (49, 61); *Nephthea lanternaria* Verseveldt (23); *Nephthea sphaerophora* Kükenthal (53); *Nephthea tixierae* Verseveldt (44); *Stereonephthya nosybearia* Verseveldt (55); *Stereonephthya scaphis* Verseveldt (34).
- Doridicola antheliae* (Humes and Stock, 1973) [HUMES, 1990a]. From *Anthelia glauca* Lamarck (31, 44); *Anthelia ternatana* (Schenk) (25).
- Doridicola cinctus* Humes and Stock, 1973 [HUMES, 1974]. From *Psammogorgia ramosa* Kükenthal (4, 35, 39, 55).
- Doridicola commodus* (Humes, 1964) [HUMES and STOCK, 1973]. From *Hexabranchnus orbicularis* Abraham (42); *Hexabranchnus* sp. cf. *H. marginatus* (18, 42).
- Doridicola cuspis* (Humes, 1964). From *Radianthus ritteri* (Kwietniewski) (3, 53); *Stoichactis giganteum* (Forskål) (11, 32, 42, 46, 54).
- Doridicola hetaericus* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Cladiella krempfi* Hickson (52); *Cladiella laciniosa* (Tixier-Durivault) (52); *Cladiella pachyclados* (Klunzinger) (4).
- Doridicola inaequalis* (Humes and Ho, 1966). From *Palythoa tuberculosa* (Esper) (4); *Palythoa liscia* Haddon and Duerden (49).
- Doridicola inflatiseta* Humes and Stock, 1973. From *Onchidium*? sp. (2, 4, 49, 53, 54, 61).
- Doridicola micropus* Humes, 1973. From *Astroboana nuda* (Lyman) (47).
- Doridicola patulus* (Humes, 1959) [Humes and Stock, 1973]. From *Phyllidia trilineata* (Cuvier) (3, 61); *Cenometra emendatrix* (Bell) (61).
- Doridicola securiger* (Humes, 1964) [HUMES and STOCK, 1973]. From *Asteronolus cespitosus* (van Hasselt) (10, 15); *Doris mabilla* Abraham (4, 48, 54).
- Doridicola sensilis* (Humes, 1964). From *Trevelyana rubromaculata* Bergh (3, 40, 54).
- Doridicola singularipes* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Parerythropodium rubiginosum* Verseveldt (3, 54); *Parerythropodium* sp. (48).
- Doridicola spinulifer* (Humes and Frost, 1964) [HUMES and STOCK, 1973]. From *Lemnalia africana* (May) (49); *Lemnalia amabilis* Tixier-Durivault (49); *Lemnalia longiramus* Verseveldt (31); *Lemnalia digitata* (May) (3, 29); *Lemnalia cervicornis* (May) (21, 22); *Lemnalia crassicaulis* Verseveldt (21); *Lemnalia elegans* (May) (30); *Lemnalia flava* (May) (4, 49); *Lemnalia africana* (May) (31); *Lemnalia tenuis* Verseveldt (21); *Lemnalia madagascarensis* Verseveldt (24); *Lemnalia* sp. (53); *Paralemnalia clavata* Verseveldt (3); *Paralemnalia thyrsoides* (Hemprich and Ehrenberg) (11, 25, 31, 51); *Sinularia polydactyla* (Hemprich and Ehrenberg) (3).
- Doridicola venustus* (Humes, 1959) [HUMES and STOCK, 1973]. From *Cenometra emendatrix* (Bell) (61); *Phyllidia trilineata* Cuvier (3).
- Echphysarion* (= *Schedomolgus*) *lobophorum* (Humes and Ho, 1968). From *Acropora cytherea* Dana (11); *Acropora scherzeriana* Brueggemann (53); *Acropora* sp. (3).
- Gelastomolgus spondyli* Humes, 1968. From *Spondylus varians* Sowerby (53, 61); *Plerogyra* sp. (61).
- Haplomolgus montiporae* Humes and Ho, 1968 [HUMES and STOCK, 1973]. From *Montipora sinensis* Bernard (43); *Montipora* sp. cf. *M. stellata* Bernard (9); *Montipora* sp. (6, 52).
- Indomolgus brevisetosus* Humes and Ho, 1966. From *Palythoa tuberculosa* (Esper) (4, 7, 49, 61).
- Indomolgus diversus* Humes and Ho, 1966. From *Palythoa tuberculosa* (Esper) (4, 5); *Palythoa liscia* Haddon and Duerden (7, 49, 61).
- Indomolgus mutatus* Humes and Ho, 1966. From *Palythoa tuberculosa* (Esper) (15).
- Kelleria pectinata* (A. Scott, 1909) [HUMES and HO,

- 1969a]. From burrows of *Axius (Neaxius) acanthus* A. Milne Edwards (11).
- Kelleria regalis* Gurney, 1927 [HUMES and Ho, 1969a]. From intertidal burrows (2, 10, 30, 45).
- Lichomolgus asaphidis* Humes, 1959. From *Asaphis rugosa* Lamarek (2); *Solen conneus* Lamarek (54); *Standella solanderi* Gray (2).
- Lichomolgus chamarum* Humes, 1968a. From *Chama iostoma* Conrad (3, 53).
- Macrochiron lobatum* Humes and De Maria, 1969. From *Lytocarpus phoeniceus* (Busk) (3, 4, 21).
- Macrochiron lytocarpi* Humes, 1966. From *Lytocarpus philippinus* (Kirchenpauer) (3, 9, 39, 47, 49, 51, 53, 61).
- Macrochiron rostratum* Humes, 1966. From *Aglaophenia delicatula* (Busk) (21); *Lytocarpus philippinus* (Kirchenpauer) (3, 9, 39, 47, 49, 53, 61); *Lytocarpus phoeniceus* (Busk) (4, 21); *Lytocarpus spectabilis* Allman (3); *Gymnangium gracilicaulis* (Jäderholm) (24); *Gymnangium hians* (Busk) (3, 4).
- Macrochiron valgum* Humes, 1966. From *Gymnangium hians* (Busk) (3, 4, 23, 53); *Gymnangium gracilicaulis* (Jäderholm) (24); *Lytocarpus philippinus* (Kirchenpauer) (3, 53); *Lytocarpus spectabilis* Allman (3).
- Macrochiron vervoortii* Humes and De Maria, 1969. From *Aglaophenia cupressina* Lamouroux (49).
- Meringomolgus devolus* Humes and Stock, 1973. From *Sinularia leptoclados* (Hemprich and Ehrenberg) (16).
- Meringomolgus facetus* Humes and Stock, 1973. From *Sinularia polydactyla* (Hemprich and Ehrenberg) (3, 31); *Sinularia minima* Verseveldt (25).
- Meringomolgus hamatus* Humes and Stock, 1973. From *Sinularia leptoclados* (Hemprich and Ehrenberg) (11, 16, 39); *Sinularia maxima* Verseveldt (53); *Sinularia humesi* Verseveldt (19, 25).
- Monomolgus psammocorae* Humes and Ho, 1967. From *Psammocora contigua* (Esper) (3).
- Monomolgus unihastatus* Humes and Frost, 1964 [HUMES and Ho, 1968b; HUMES and Stock, 1973]. From *Parerythropodium fulvum* (Forskål) (3); *Porites* sp. cf. *P. andrewsi* Vaughan (4, 32, 52, 53, 61); *Porites* sp. cf. *P. nigrescens* Dana (52); *Porites* sp. (3, 9).
- Nasomolgus firmus* Humes and Ho, 1967. From *Sabellastarte magnifica* (Shaw) (4, 18).
- Nasomolgus leptus* Humes and Ho, 1967. From *Sabellastarte magnifica* (Shaw) (18).
- Nasomolgus parvulus* Humes and Ho, 1967. From *Sabellastarte magnifica* (Shaw) (3, 4, 18).
- Nasomolgus rudis* Humes and Ho, 1967. From *Sabellastarte magnifica* (Grube) (3, 4, 18, 61).
- Octopicola stocki* Humes, 1963. From *Octopus (Tritaxopopus) cornutus* Owen (54).
- Odontomolgus actinophorus* (Humes and Frost, 1964) [HUMES and Ho, 1968b]. From *Pavona angulata* Klunzinger (3, 28); *Pavona cactus* (Forskål) (52); *Pavona danai* (Milne Edwards and Haime) (3, 30); *Pavona? venusta* (Dana) (3).
- Odontomolgus campulus* Humes and Ho, 1968 [HUMES and Stock, 1973]. From *Alveopora* sp. (42).
- Odontomolgus rhadinus* (Humes and Ho, 1967) [HUMES and Stock, 1973]. From *Pavona* sp. (39); *Psammocora contigua* (Esper) (3).
- Panjakus hydnochorae* Humes and Stock, 1973. From *Hydnophora* sp. (4, 9, 61); *Hydnophora? exesa* (Pallas) (52); *Hydnophora tenella* Quelch (5).
- Panjakus platygyrae* Humes and Stock, 1973. From *Platygyra? lamellina* (Ehrenberg) (4); *Platygyra daedala* (Ellis and Solander) (48, 53); *Platygyra* sp. cf. *daedala* (Ellis and Solander) (3).
- Paradoridicola adelphus* (Humes and Ho, 1968). From *Sinularia whiteleggei* Lüttschwager (49, 51, 61); *Sinularia pedunculata* Tixier-Durivault (49, 51); *Sinularia polydactyla* (Ehrenberg) (61).
- Paradoridicola angularis* Humes, 1990. From *Alcyonium flaccidum* Tixier-Durivault (21, 31); *Alcyonium utinomii* Verseveldt (31).
- Paradoridicola drepanophorus* Humes, 1990. From *Alcyonium flaccidum* Tixier-Durivault (21, 31).
- Paradoridicola glabripes* (Humes and Ho, 1968) [HUMES and Stock, 1973]. From *Xenia macrospiculata* Gohar (21); *Xenia umbellata* Lamarek (11); *Xenia viridis* Schenk (33).
- Paradoridicola sinulariae* Humes and Stock, 1973. From *Sinularia arborea* Verseveldt (9, 19, 31, 53, 61).
- Paradoridicola squamiger* (Humes and Frost, 1964) [HUMES and Ho, 1968a; HUMES and Stock, 1973]. From *Sinularia polydactyla* (Ehrenberg) (3, 23); *Sinularia whiteleggei* Lüttschwager (53).
- Paradoridicola triquetrus* (Humes and Ho, 1968). From *Anthelia gracilis* (May) (18).
- Paramolgus abruptus* Humes, 1990. From *Lobophytum cristagalli* von Marenzeller (61).
- Paramolgus clavatus* (Humes and Ho, 1968) [HUMES and Stock, 1973]. From *Coelogorgia palmosa* Milne Edwards and Haime (3, 10); *Lemnalia longiramus* Verseveldt (31); *Lemnalia cervicornis* (May) (21); *Lemnalia crassicaulis* Verseveldt (21).
- Paramolgus congruus* Humes, 1990. From *Parerythropodium fulvum fuscum* (Thomson and Henderson) (3, 51, 54).
- Paramolgus constrictus* Humes, 1969. From *Antipathes ericoides* Pallas (11, 13, 61).
- Paramolgus ellisellae* Humes, 1974. From *Ellisella ramosa* (Simpson) (24, 34).
- Paramolgus insectus* Humes, 1969. From *Antipathes abies* (Linnaeus) (24, 61); *Antipathes myriophylla* Pallas (24); *Antipathes* cf. *A. spinescens* Gray (34, 61).
- Paramolgus modicus* Humes, 1990. From *Lobophytum latilobatum* Verseveldt (42).

*Paramolgus politus* Humes and Ho, 1967. From *Rhodactis rhodostoma* (Ehrenberg) (49).

*Paramolgus simulans* Humes and Ho, 1967. From *Rhodactis rhodostoma* (Ehrenberg) (49).

*Paramolgus spathophorus* (Humes and Ho, 1968). From *Sarcophyton trocheliophorum* von Marenzeller (= *S. acutangulum* (von Marenzeller) (51, 61) [HUMES, 1982; HUMES and STOCK, 1973]; *Sarcophyton glaucum* (Quoy and Gaimard) (4, 16, 47, 61); *Sarcophyton stolidotum* Verseveldt (47).

*Paredromolgus decorus* (Humes and Frost, 1964) [HUMES and STOCK, 1973]. From *Cladiella laciniata* (Tixier-Durivault) (52); *Cladiella latissima* (Tixier-Durivault) (25, 52); *Cladiella sphaerophora* (Hemprich and Ehrenberg) (42).

*Pennatulicola plerophilus* (Stock, 1962). From *Pteroeides saqamiense* Moroff (47).

*Plesiomolgus conjunctus* (Humes and Ho, 1967) [HUMES and STOCK, 1973]. From *Tubipora musica* (Linnaeus) (48, 49, 61).

*Plesiomolgus organicus* (Humes and Ho, 1967). From *Tubipora musica* (Linnaeus) (48, 49, 61).

*Prionomolgus lanceolatus* Humes and Ho, 1968. From *Pachyseris speciosa* (Dana) (5, 49).

*Rakotoa proteus* Humes and Stock, 1973. From *Favia* sp. (37).

*Ravahina tumida* (Humes and Ho, 1968). From *Porites* sp. cf. *P. andrewsi* Vaughan (52, 53).

*Scambicornus campanulipes* (Humes and Cressey, 1961) [HUMES, 1967]. From *Actinopyga lecanora* (Jaeger) (3, 4, 49); *Actinopyga mauritiana* (Quoy and Gaimard) (18, 38, 43, 46, 51, 53, 61); *Actinopyga miliaris* (Quoy and Gaimard) (3, 6, 51, 53, 54); *Actinopyga echinites* (Jaeger) (53, 61); *Actinopyga* sp. (54); *Diadema setosum* (Leske) (48); *Halodeima atra* (Jaeger) (53).

*Scambicornus idoneus* (Humes and Cressey, 1961) [HUMES, 1967, 1980; HUMES and STOCK, 1973]. From *Ludwigothuria* (*Holothuria*) *atra* (Jaeger) (37, 48, 53); *Argiodia nobilis* (Selenka) (35, 42, 43, 56, 61); *Holothuria scabra* Jaeger (15).

*Scambicornus lobulatus* Humes, 1967. From *Bohadschia graeffei* (Semper) (6, 19, 35, 42, 46, 49, 61).

*Scambicornus modestus* (Humes and Cressey, 1961) [HUMES, 1967]. From *Bohadschia drachi* Cherbonnier (61); *Brandtothuria impatiens* (Forskål) (49); *Holothuria pardalis* Selenka (53); *Microthele difficilis* (Semper) (49); *Stichopus chloronotus* (Brandt) (3, 16, 41, 42, 49, 52, 53, 61); *Stichopus monotuberculatus* (Quoy and Gaimard) (53); *Stichopus variegatus* Semper (16, 52, 53); *Urodemas ehrenbergi* Selenka (49).

*Scambicornus poculiferus* (Humes and Cressey, 1961) [HUMES, 1967] (This species was regarded by Ho and KIM (1990) as a synonym of *S. nicobaricus* (Sewell, 1949)). From *Synapta maculata* (Chamisso and Eysenhardt) (3, 6, 9, 18, 53).

*Scambicornus prolixus* Humes, 1980. From *Holothuria edulis* Lesson (53).

*Scambicornus subgrandis* (Humes and Cressey, 1961). From *Holothuria rugosa* Ludwig (13).

*Scambicornus subtilis* (Humes and Cressey, 1961). From *Halodeima edulis* (Lesson) (54); *Holothuria curiosa* Ludwig (53); *Opheodesoma grisea* (Semper) (54).

*Scambicornus tuberatus* (Humes and Cressey, 1961) [HUMES, 1967; HUMES and STOCK, 1973]. From *Bohadschia cousteauxi* Cherbonnier (61); *Bohadschia kollikeri* (Semper) (54, 61); *Bohadschia* sp. (53); *Opheodesoma grisea* (Semper) (54); *Thelenota ananas* (Jaeger) (61).

*Schedomolgus arcuatipes* (Humes and Ho, 1968). From *Acropora palifera* (Lamarck) (3, 61).

*Spaniomolgus compositus* (Humes and Frost, 1964) [HUMES and Ho, 1968 b; HUMES and STOCK, 1973]. From *Seriatopora octoptera* Ehrenberg (49); *Seriatopora subseriata* Ehrenberg (54); *Seriatopora* sp. (3); *Seriatopora* sp. (49).

*Spaniomolgus crassus* (Humes and Ho, 1968). From *Stylophora pistillata* (Esper) (3, 33, 54); *Stylophora mordax* (Dana) (49); *Acropora* sp. (53).

*Spaniomolgus geminus* (Humes and Ho, 1968) [HUMES and STOCK, 1973]. From *Stylophora mordax* (Dana) (49); *Stylophora pistillata* (Esper) (3, 33, 54); *Stylophora* sp. (49, 51).

*Stellicola femineus* Humes and Ho, 1967 [HUMES, 1986]. From *Leiaster leachi* Gray (54); *Leiaster speciosus* von Martens (42, 49).

*Stellicola holothuriae* (Ummerkutty, 1962) [HUMES, 1980]. From *Opheodesoma spectabilis* Fisher (54).

*Stellicola oreastriphilus* Kossmann, 1877 [HUMES, 1986; HUMES and CRESSEY, 1961; HUMES and Ho, 1966]. From *Choriaster granulatus* (Lütken) (44); *Culcita schmideliana* (Retzius) (61); *Pentaceraster mammillatus* (Audouin) (16, 17, 49); *Poraster superbus* (Möbius) (53); *Protoreaster lincki* (Blainville) (53); *Protoreaster nodosus* (Linnaeus) (6); *Stellaster equestris* (Retzius) (26).

*Stellicola pollex* Humes and Ho, 1967. From *Lincxia laevigata* (Linnaeus) (44).

*Synstellicola affinis* (Humes and Ho, 1967) [HUMES, 1986]. From *Luidia* (= *Maculaster*) *maculata* Müller and Troschel (16, 37, 47); *Luidia* (= *Maculaster*) *savignyi* (Audouin) (3, 16, 47); *Retaster cribrerosus* von Martens (16).

*Synstellicola kossmanni* (Humes and Ho, 1967) [HUMES, 1986]. From *Protoreaster lincki* (Blainville) (51, 54); *Poraster superbus* (Möbius) (24).

*Synstellicola longiseta* (Humes and Ho, 1967). From *Mithrodia clavigera* (Lamarck) (49).

*Synstellicola pichoni* Humes and Ho, 1966. From *Choriaster granulatus* (Lütken) (44, 61).

*Telestacicola angoti* Humes and Stock, 1973

[HUMES, 1974]. From *Coelogorgia palmosa* Milne Edwards and Haime (3, 53); *Muricella rubra robusta* Thompson and Simpson (53); *Suberogorgia reticulata* (Ellis and Solander) (53); *Suberogorgia suberosa* (Pallas) (49).

*Telestacicola lobophyti* Humes, 1990. From *Lobophytum pauciflorum* (Ehrenberg) (47).

*Temnomolgus eurynotus* Humes and Ho, 1966. From *Palythoa tuberculosa* (Esper) (4).

*Zamolgus acanthodes* Humes and Stock, 1973. From *Sinularia arborea* Verseveldt (9, 19, 31, 53, 61).

*Zamolgus tridens* Humes and Stock, 1973. From *Cespitularia turgida* Verseveldt (11).

#### MYICOLIDAE

*Ostrincola clavator* Humes, 1959. From *Ostrea* sp. (48).

*Ostrincola simplex* Humes, 1959. (This species was referred by Ho and KIM (1992) to their new genus, *Exostrincola*). From *Ostrea* sp. (48).

*Pseudomyicola levis* Humes, 1959. From *Arca decussata* Sowerby (48).

*Pseudomyicola spinosus* (Raffaele and Monticelli, 1885) (= *P. mirabilis* Humes, 1959; = *Midicola ponticus* Sowinsky, 1884, see Stock, 1969) [HUMES, 1968]. From *Arca decussata* Sowerby (48); *Chama iosloma* Conrad (3, 53).

#### MYTILICOLIDAE

*Mytilicola fimbriatus* Humes and Ho, 1970. From *Arca decussata* Sowerby (53).

#### PSEUDANTHESSIIDAE

*Kombia angulata* Humes, 1962 [Humes and Ho, 1968b; HUMES and STOCK, 1973]. From *Porites* sp. cf. *P. nigrescens* Dana (52); *Porites* (*Synaraea*) sp. (3, 16, 35, 49, 52, 53); *Porites* sp. (4); *Psammocora* sp. (49, 52).

*Mecomerinx luculenta* (Humes and Cressey, 1961). From *Echinometra mathaei* (Blainville) (53).

*Mecomerinx notabilis* (Humes and Cressey, 1961). From *Echinometra mathaei* (Blainville) (53).

*Pseudanthessius angularis* Humes and Ho, 1970. From *Dichrometra* sp.? *afra* A. H. Clark (3, 49); *Stephanometra indica* (Smith) (19, 49).

*Pseudanthessius ferox* Humes and Ho, 1967. From *Sabella fusca* (Grube) (3, 12, 54).

*Pseudanthessius madrasensis* Reddiah, 1966 [HUMES and Ho, 1970]. From *Tropiometra carinata* (Lamarck) (6, 7, 25, 42, 49, 51, 54).

*Pseudanthessius major* Stock, 1967 [HUMES and Ho, 1970]. From *Cenometra emendatrix* (Bell) (22, 44, 61); *Dichrometra* sp.? *afra* A. H. Clark (3, 4, 53, 54); *Heterometra africana* (A. H. Clark) (6, 29, 47, 59); *Lamprometra klunzingeri* (Hartlaub) (49); *Liparome-*

*tra*? sp. (47, 57); *Stephanometra indica* (Smith) (19, 47).

*Pseudanthessius minor* Stock, 1967 [HUMES and Ho, 1970]. From *Dichrometra* sp.? *afra* A. H. Clark (53); *Heterometra africana* (A. H. Clark) (29); *Lamprometra klunzingeri* (Hartlaub) (19); *Liparometra*? sp. (47, 57).

*Pseudanthessius procurrens* Humes, 1966. From *Phyllacanthus imperialis* (Lamarck) (49).

*Pseudanthessius pusillus* Humes, 1969. From *Echinodiscus auritus* Leske (16).

*Pseudanthessius rostellatus* Humes and Ho, 1970. From *Comaster* sp.? *nov. aff. distinctus* (P. H. Carpenter) (59).

#### RHYNCHOMOLGIDAE

*Rhynchomolgus corallophorus* Humes and Ho, 1967. From *Psammocora contigua* (Esper) (3).

#### SABELLIPHILIDAE

*Calypsarion leprum* Humes and Ho, 1969. From *Actinopyga lecanora* (Jaeger) (3, 4, 16, 19, 49, 54); *Actinopyga miliaris* (Quoy and Gaimard) (3, 6, 42, 51, 53, 54); *Actinopyga mauriliana* (Quoy and Gaimard) (51).

*Calypsarion sentosum* Humes and Ho, 1969. From *Bohadschia marmorata* Jaeger (6, 51, 53, 54).

*Lecanurius kossmannianus* Humes, 1968. From *Actinopyga lecanora* (Jaeger) (4, 16, 19, 42, 49); *Actinopyga miliaris* (Quoy and Gaimard) (6, 51).

*Lichothuria mandibularis* Stock, 1968 [HUMES and Ho, 1969 b]. From *Argiodia nobilis* (Selenka) (42, 43, 46, 56, 61); *Holothuria scabra* Jaeger (10, 15, 16); *Ludwigothuria atra* (Jaeger) (6, 37, 46, 53, 54); *Ludwigothuria* aff. *fuscopunctata* Semper (26).

*Modiolicola trabalis* (Humes, 1959). From *Arca decussata* Sowerby (48).

*Thamnomolgus robustus* Humes, 1969 [HUMES and STOCK, 1973]. From *Antipathes abies* (Linnaeus) (24, 61); *Antipathes ericooides* Pallas (46); *Antipathes myriophylla* Pallas (24); *Antipathes* sp. cf. *A. spinescens* Gray (13, 24, 61).

#### TAENIACANTHIDAE

*Echinirus laxatus* Humes and Cressey, 1961. From *Diadema setosum* (Leske) (48).

*Echinosocius dentatus* Humes and Cressey, 1961. From *Diadema setosum* (Leske) (48).

*Echinosocius pectinatus* Humes and Cressey, 1961. From *Diadema setosum* (Leske) (48).

#### VAHINIIDAE

*Vahinius petax* Humes, 1967 [HUMES, 1969]. From *Antipathes longibrachiata* (van Pesch) (61); *Stichopathes echinulata* Brook (6, 61).



## XARIFIIDAE

*Orstomella faviae* Humes and Ho, 1968. From *Favia* sp. (54).

*Orstomella lobophylliae* Humes and Ho, 1968. From *Lobophyllia corymbosa* (Forskål) (3); *Lobophyllia costata* (Dana) (3).

*Xarifia anomala* Humes and Ho, 1968 [HUMES and DOJIRI, 1982]. From *Acropora palifera* (Lamarck) (61); *Acropora* sp. (12).

*Xarifia apertipes* Humes and Dojiri, 1983. From *Gyrosmlia interrupta* (Ehrenberg) (53); *Montipora verrucosa* (Lamarck) (42).

*Xarifia brevicauda* Humes and Ho, 1968. From *Alveopora* sp. (42).

*Xarifia comata* Humes, 1962. From *Pocillopora verrucosa* (Ellis and Solander) (54).

*Xarifia comptula* Humes and Dojiri, 1983. From *Hydnophora tenella* Quelch (5).

*Xarifia decorata* Humes and Ho, 1968 [HUMES, 1985]. From *Stylophora pistillata* (Esper) (3, 33, 54); *Stylophora mordax* (Dana) (49).

*Xarifia diminuta* Humes and Ho, 1967 [HUMES, 1985]. From *Psammocora contigua* (Esper) (3); *Pavona* sp. (39).

*Xarifia dispar* Humes, 1962 [HUMES, 1985; HUMES and DOJIRI, 1982; HUMES and Ho, 1968 c]. From *Echinopora gemmacea* Klunzinger (46, 52); *Echinopora lamellosa* (Esper) (49); *Echinopora* sp. (6).

*Xarifia exigua* Humes and Ho, 1968. From *Pachyseris speciosa* (Dana) (5).

*Xarifia extensa* Humes and Dojiri, 1982. From *Montipora* sp. (6).

*Xarifia gerlachi* Humes, 1962 [HUMES and DOJIRI, 1982]. From *Acropora corymbosa* (Lamarck) (53); *Acropora cytherea* Dana (11, 53); *Acropora* sp. cf. *A. teres* (Verrill) (4); *Acropora* sp. (51).

*Xarifia gradata* Humes and Dojiri, 1983. From *Physogyra* sp. (54).

*Xarifia hamata* Humes and Ho, 1968. From *Turbinaria* sp. (43).

*Xarifia infrequens* Humes, 1962. From *Acropora corymbosa* (Lamarck) (53); *Acropora cytherea* Dana (53).

*Xarifia lamellispinosa* Humes and Ho, 1968. From *Pachyseris speciosa* (Dana) (5, 49).

*Xarifia lissa* Humes and Ho, 1968 [HUMES, 1985]. From *Stylophora pistillata* (Esper) (3); *Stylophora mordax* (Dana) (49).

*Xarifia longipes* Humes, 1962. From *Pavona angulata* Klunzinger (28).

*Xarifia minax* Humes and Dojiri, 1983. From *Physogyra* sp. (54).

*Xarifia obesa* Humes and Ho, 1968. From *Pocillopora* sp. (21).

*Xarifia reducta* Humes, 1962. From *Seriatopora*

*octoptera* Ehrenberg (49); *Seriatopora caliendrum* Ehrenberg (4).

*Xarifia resex* Humes and Dojiri, 1983. From *Goniopora* sp. (6).

*Xarifia serrata* Humes, 1962 [HUMES, 1985; HUMES and Ho, 1968c]. From *Pocillopora bulbosa* Ehrenberg (16); *Pocillopora damicornis* Dana (3, 54); *Pocillopora* sp. cf. *P. verrucosa* (Ellis and Solander) (54); *Seriatopora subseriata* Ehrenberg (54).

*Xarifia temnura* Humes and Ho, 1968. From *Montipora sinensis* Bernard (43).

*Xarifia tenuis* Humes, 1962. From *Acropora cytherea* Dana (52).

*Xarifia* sp. [HUMES, 1985]. From *Galaxea astreata* (Lamarck) (52).

*Xarifia* sp. [HUMES, 1985]. From *Montipora* sp. cf. *M. stellata* Bernard (9).

*Xarifia* sp. [HUMES, 1985]. From *Oxypora* sp. (9). *Zazaranus fungicolus* Humes and Dojiri, 1983. From *Fungia* sp. (25).

## SIPHONOSTOMATOIDA

## ASTEROCHERIDAE

*Asteropontius bandicola* Humes, 1992. From *Antipathes abies* (L.) (13); *Antipathes* cf. *spinescens* Gray (13).

*Cholomyzon palpiferum* Stock and Humes, 1969. From *Dendrophyllia micranthus* Klunzinger var. *grandis* Crossland (53); *Dendrophyllia nigrescens* Dana (4, 42, 49); *Dendrophyllia* sp. (22, 42).

*Collocheres astroboae* Stock, 1971 [HUMES, 1973]. From *Astroboea nuda* (Lyman) (47).

*Collocheres prionotus* Humes, 1990. From *Capillaster multiradiatus* (Linnaeus) (9).

*Collocheres uncinatus* Stock, 1966 [HUMES, 1990 b]. From *Capillaster multiradiatus* (Linnaeus) (9).

*Collocheres bleptus* Humes, 1993. From *Macrophiolithrix* sp. (27).

*Hetairosyna laciniata* Humes, 1991. From *Montipora sinensis* Bernard (43).

*Hetairosyna sororia* Humes, 1991. From *Montipora sinensis* Bernard (43); *Montipora* sp. cf. *M. stellata* Bernard (9).

*Hetairosyna terpna* Humes, 1991. From *Montipora sinensis* Bernard (43); *Montipora* sp. cf. *M. stellata* Bernard (9); *Montipora* sp. (52).

*Orecturus excavatus* (Humes, 1989). From *Dendronephthya mucronata* (Pütter) (9, 34, 44); *Siphonogorgia pichoni* Verseveldt (22).

*Orecturus grandisetiger* Humes, 1992. From *Antipathes ericoides* Pallas (46); *Antipathes longibrachiata* (van Pesch) (61); *Stereonephthya cordylophora* Verseveldt (13).

*Orecturus sakalavicus* Humes, [Humes, 1994 a].

From *Coelo gorgia palmosa* Milne Edwards and Haime (3, 25, 39, 44, 49).

#### CORALLIOMYZONTIDAE

*Coralliomyzon tenens* Humes and Stock, 1991. From *Turbinaria peltata* (Esper) (42).

#### PENNELLIDAE

*Cardiodectes* sp., (copepodids) (see Ho, 1966). From *Ianthina ianthina* (Linnaeus) (6).

#### NANASPIDIDAE

*Nanaspis tonsa* Humes and Cressey, 1959 [HUMES, 1980]. From *Stichopus chloronotus* Brandt (3, 16, 42, 49, 52, 53, 61).

#### STELLICOMITIDAE

*Asterocomes indica* Padmanabha Rao, 1962 [HUMES, 1971; HUMES and Ho, 1966]. From *Halityle regularis* Fisher (24); *Choriaster granulatus* (Lütken) (44, 61).

*Leicomes monozotus* Humes, 1971. From *Leiaster speciosus* von Martens (24, 49).

*Onychopygus impavidus* Humes and Cressey, 1958. From *Acanthaster planci* (Linnaeus) (61).

*Stellicomes supplicans* Humes, 1971. From *Asterodiscus elegans* Gray (24).

*Stellicomes tumidulus* Humes and Cressey, 1958 [HUMES, 1971, 1986; HUMES and Ho, 1966]. From *Choriaster granulatus* (Lütken) (61); *Halityle regularis* Fisher (24); *Pentacaster mammillatus* (Audouin) (11, 16, 49); *Poraster superbus* (Möbius) (24, 25); *Proto-reaster lincki* (Blainville) (53).

### MAJOR GROUPS OF INVERTEBRATES IN THE REGION OF NOSY BÉ AND THEIR ASSOCIATED COPEPOD GENERA

Porifera : *Hemicyclops*.

Hydrozoa : *Macrochiron*.

Actiniaria : *Critomolgus*, *Doridicola*, *Paramolgus*.

Stolonifera : *Hippomolgus*, *Plesiomolgus*.

Alcyonacea : *Acanthomolgus*, *Alcyonomolgus*, *Anisomolgus*, *Byssone*, *Colobomolgus*, *Contomolgus*, *Critomolgus*, *Demoixys*, *Doridicola*, *Meringomolgus*, *Monomolgus*, *Orecturus*, *Paradoridicola*, *Paramolgus*, *Paranotodelphys*, *Paredromolgus*, *Telestacicola*, *Thoracodelphys*, *Zamoligus*.

Pennatulacea : *Critomolgus*, *Pennatulicola*.

Telestacea : *Acanthomolgus*, *Orecturus*, *Paramolgus*, *Telestacicola*.

Zoanthidea : *Doridicola*, *Indomolgus*, *Temnomolgus*.

Gorgonacea : *Acanthomolgus*, *Doridicola*, *Paramolgus*, *Telestacicola*.

Antipatharia : *Asteropontius*, *Orecturus*, *Paramolgus*, *Thamnomolgus*, *Vahinius*.

Scleractinia : *Alteuthellopsis*, *Amarda*, *Anchimolgus*, *Andrianellus*, *Cholomyzon*, *Coralliomyzon*, *Haplomolgus*, *Ecpophysarion*, *Gelastomolgus*, *Helairosyna*, *Hemicyclops*, *Kombia*, *Monomolgus*, *Odontomolgus*, *Orecturus*, *Orstomella*, *Panjakus*, *Prionomolgus*, *Rakoloa*, *Ravahina*, *Rhynchomolgus*, *Schedomolgus*, *Spaniomolgus*, *Xarifita*, *Zazaranus*.

Gastropoda : *Anthessius*, *Cardiodectes*, *Critomolgus*, *Doridicola*.

Bivalvia : *Anthessius*, *Conchyliurus*, *Gelastomolgus*, *Lichomolgus*, *Modiolicola*, *Mytilicola*, *Ostrincola*, *Pseudomyicola*.

Cephalopoda : *Octopicola*.

Polychaeta : *Cotylomolgus*, *Nasomolgus*, *Pseudanthessius*.

Crustacea : burrows, *Hemicyclops*, *Kelleria*, *Paraidya*, *Pholeiscus*, *Porcellidium*, *Sunaristes*.

Crinoidea : *Collocheres*, *Doridicola*, *Pseudanthessius*.

Asteroidea : *Asterocomes*, *Leicomes*, *Onychopygus*, *Stellicola*, *Stellicomes*, *Synstellicola*.

Ophiuroidea : *Collocheres*, *Collocherides*, *Doridicola*.

Echinoidea : *Echinirus*, *Echinocius*, *Mecomerinx*, *Porcellidium*, *Pseudanthessius*, *Scambicornus*.

Holothuroidea : *Calypsarion*, *Lecanurius*, *Lichothuria*, *Nanaspis*, *Scambicornus*, *Stellicola*.

Ascidiacea : *Byssone*, *Demoixys*, *Haplostoma*, *Paranotodelphys*, *Thoracodelphys*.

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