

Corals of the South-west Indian Ocean: VI. The Alcyonacea (Octocorallia) of Mozambique, with a discussion on soft coral distribution on south equatorial East African reefs

Y. Benayahu, A. Shlagman & M.H. Schleyer

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Y. Benayahu & A. Shlagman. Department of Zoology, George S. Wise Faculty of Life Sciences, Tel Aviv University, Ramat Aviv 69978, Israel (e-mail: yehudab@tauex.tau.ac.il).

M.H. Schleyer. Oceanographic Research Institute, P.O. Box 10712, Marine Parade 4056, Durban, South Africa.

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A list of 46 species of Alcyonacea is presented for the coral reefs of the Segundas Archipelago and northwards in Mozambique, as well as a zoogeographical record for the Bazaruto Archipelago in southern Mozambique. Among the 12 genera listed, *Rhytisma*, *Lemnalina* and *Briareum* were recorded on Mozambican reefs for the first time and the study yielded 27 new zoogeographical records. The survey brings the number of soft coral species listed for Mozambique to a total of 53. A latitudinal pattern in soft coral diversity along the south equatorial East African coast is presented, with 46 species recorded in Tanzania, 46 along the northern coast of Mozambique, dropping to 29 in the Bazaruto Archipelago in southern Mozambique and rising again to 38 along the KwaZulu-Natal coast in South Africa. Only Indo-Pacific genera occur in Mozambique with no intrusion of any endemic South African soft coral fauna. Species of the family Alcyoniidae have a wider latitudinal distribution on south equatorial reefs than zooxanthellate members of the families Nephtheidae and Xeniidae, both of which are confined to lower latitudes.

Introduction

The soft coral fauna (Octocorallia: Alcyonacea) on the reefs in sub-equatorial East Africa have been the subject of various studies conducted over the last decade in several localities, including Tanzania (Ofwegen & Benayahu, 1992), Mozambique (Benayahu & Schleyer, 1995) and South Africa (e.g., Benayahu, 1993; Benayahu & Schleyer, 1995, 1996; Ofwegen & Schleyer, 1997; Williams, 2000). Those studies have shown that soft corals are abundant in these countries, include descriptions of several new species, and list numerous new zoogeographical records for Tanzania (7°S), Bazaruto in Mozambique (21°S) and the KwaZulu-Natal coast in South Africa (27.5°S). The results stimulated our interest in latitudinal gradients in soft coral species-richness on reefs in East Africa (see also Benayahu & Schleyer, 1996) and led us to further investigate the soft corals in the region.

The coastline of Mozambique extends from 10°S to 27°S, encompassing a full spectrum of reef types, from the fringing and island reef complexes found on either side of the Mozambique-Tanzanian border (Hamilton & Brakel, 1984; Wells, 1988; Obura et al., 2000; Rodrigues et al., 2000a) to the high-latitude marginal reefs of southern Africa (Schleyer, 2000). The present study deals with soft corals collected on the low latitude reefs in the Segundas Archipelago and northwards in Mozambique (12-16°S). We pro-

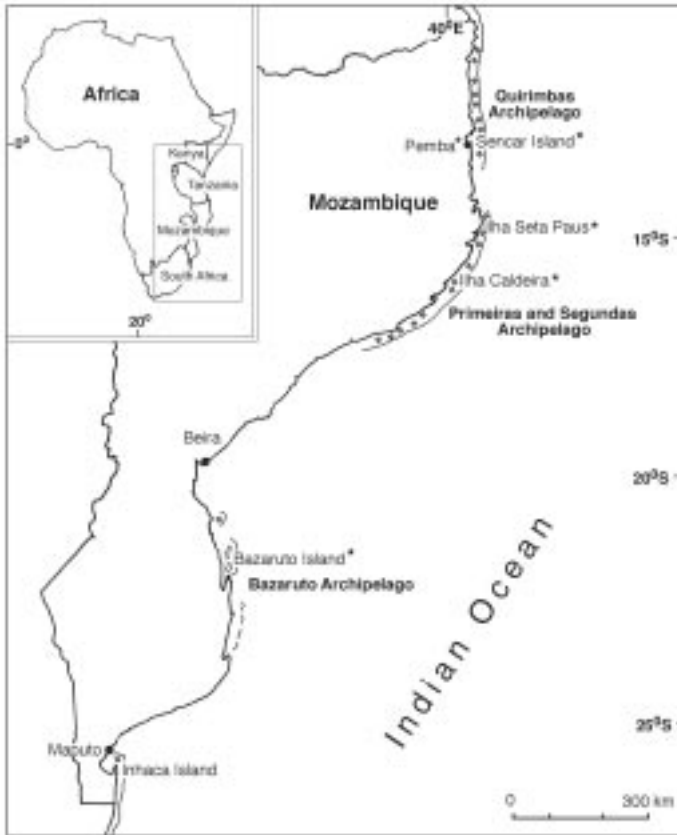


Fig. 1. Map of Mozambique showing the major reefs. Soft corals were collected at the sites marked with an asterisk. Inset shows south equatorial East African coastline.

vide a systematic list of soft corals for the area and note new zoogeographical records for Mozambique. The findings also enable us to describe the latitudinal patterns found in soft coral diversity and their distribution along some of the south equatorial East-African reefs.

Methods

Collections were made by M.H.S. at Ilha Caldeira ($16^{\circ}38'22''S$; $39^{\circ}43'10''E$) in the Segundas Archipelago, Mozambique in June 2000 and at Ilha Sete Paus ($14^{\circ}58.572'S$; $40^{\circ}47.389'E$) near Mozambique Island as well as Pemba ($12^{\circ}58.317'S$; $40^{\circ}32.433'E$) and Sencar Island ($12^{\circ}29.533'S$; $40^{\circ}37.350'E$) in the Quirimbas Archipelago in November 2000 (Fig. 1). The collection sites were visited by boat and a variety of habitats were surveyed in detail by SCUBA diving on onshore reefs, in lagoons and on deeper reefs to 28.5 m depth. Approximately 120 soft coral samples were collected, comprising most species found on the reefs. In addition, we examined a specimen from Bazaruto

collected in 1994. Samples were fixed in 4% formalin in seawater, rinsed in fresh water after 24 hours, and then transferred to 70% ethyl alcohol. Sclerites were obtained by dissolving the tissues in 10% sodium hypochlorite. Identification of species of the family Alcyoniidae was in great part facilitated by comparisons with permanent sclerite-preparations of type material kept in the Zoological Museum, Department of Zoology, Tel Aviv University, Israel (ZMTAU), where all the material has been accessioned. Some additional members of the family Nephtheidae were also collected and are still being examined.

Results

This current study presents the findings for the soft corals of the families Tubiporidae, Alcyoniidae, Nephtheidae, Xenidae and Briareidae. The collection comprises 47 species for reefs in the Segundas Archipelago and northwards in Mozambique (Table 1, collection number of each specimen indicated) and includes *Briareum hamrum* (Gohar, 1948) from Bazaruto Island. Among the 12 genera listed for these families, *Rhytisma*, *Lemnalia* and *Briareum* were recorded on Mozambican reefs for the first time, and the study yielded 27 new geographical records (Table 1). The collection yielded 36 species of Alcyoniidae, six Xenidae, three Nephtheidae, the single member of the Tubiporidae and one of the Briareidae. The genus *Sinularia*, with 20 species, was notably found to be the most diverse soft coral.

Discussion

An early study by Tixier-Durivault (1960) listed only 13 species of soft corals for Inhaca Island (26°S), Mozambique. This low diversity may have been due to the fact that these reefs are weak, marginal formations (Hamilton & Brakel, 1984). Six species from the original list (*Cladiella madagascarensis*, *Lobophytum crebriplicatum*, *Xenia viridis*, *Heteroxenia membranacea*, *H. rigida* and *H. elisabethae*) were not found in a later study on the prominent and extensively sampled reefs at Bazaruto Island (Benayahu & Schleyer, 1996), nor in this study. While Inhaca is undoubtedly a site of interest that requires further study, numerous recent visits to the island indicate that the soft coral fauna has become impoverished (Schleyer et al., 1999; Rodrigues et al., 2000b; Motta et al., 2002) and the continued survival of most of Tixier-Durivault's (1960) species appears dubious (Schleyer, pers. obs.).

Amendment of the list of soft corals found at Bazaruto Island (Benayahu & Schleyer, 1996) by Benayahu et al. (1998), who synonymized *Sinularia dura* with *S. brassica*, together with our present discovery of *Briareum hamrum* in the Bazaruto collection (Table 1), brings the number of species for this area to 27. The current survey also brings the number of soft coral species recorded for the entire coast of Mozambique to a total of 53 as seven species recorded on the Bazaruto reefs were not found on the northern Mozambican reefs. The six species mentioned above for Inhaca (see Tixier-Durivault, 1960) are not included for the reasons given above.

The southernmost reef-coral communities on the East African coast and in the western Indian Ocean are found on the Maputaland coast of northern KwaZulu-Natal at 27-28°S (Schleyer, 2000). Here, 38 species of alcyonaceans have been recorded at

Sodwana Bay (27.5°S; Benayahu, 1993; Benayahu & Schleyer, 1995, 1996). The coastal survey by Robertson et al. (1995) suggests that southern Mozambican reefs (26–27°S) share much of the Sodwana fauna but they are not as diverse.

An interesting pattern emerges on consideration of the accumulated data on soft corals along the south equatorial East African reefs. The latitudinal species diversity and distribution varies in this region (see also Benayahu & Schleyer, 1996), with 46 species recorded in Tanzania (7°S; Ofwegen & Benayahu, 1992) and 46 along the northern coast of Mozambique (12 – 16°S; this study), dropping to 27 in the Bazaruto Archipelago (21°S; Benayahu & Schleyer, 1996), and rising again to the 38 species mentioned above at Sodwana Bay (27.5°S). Considering the limited reef area surveyed in Tanzania (Ofwegen & Benayahu, 1992), the finding for this region probably represents an underestimate of its soft coral biodiversity, but this must await further study. The above results are thus indicative of a pattern in soft coral species attenuation from the equator, with an increase in biodiversity again on the marginal coral reefs in South Africa. Williams (2000) found that Indo-Pacific genera make the largest contribution to the South African soft coral fauna, followed by genera with a widespread distribution and southern African endemics, the remainder being shared with the Atlantic and Antarctic or Southern Ocean. The soft corals found on the Maputaland reefs were all Indo-Pacific species (see Benayahu, 1993), or were locally or regionally endemic, i.e. *Efflatounaria sodwanae* (Benayahu, 1993), *Sinularia schleyeri* (Benayahu, 1993) and *Eleutherobia aurea* (Benayahu & Schleyer, 1996). Therefore, the high diversity of soft corals on the Maputaland reefs can be explained at least in part by local speciation. Schleyer (1999) found that species richness in general on these high latitude reefs constitutes a biodiversity peak and attributed it to the admixture of tropical and temperate fauna in the region. The findings in the present survey on soft corals indicate that only Indo-Pacific genera are encountered in Mozambique and there is no intrusion of any South African endemic fauna. It can thus be stated that, unlike the remarkable degree of endemism found in the South African octocorallian fauna (see Williams, 2000), the soft coral fauna of Mozambique belongs entirely to the Indo-Pacific zoogeographic province.

All the studies conducted on the south equatorial East African reefs reveal that the family Alcyoniidae contributes their most conspicuous soft coral fauna, comprising the majority of the species (South Africa: 74%, Bazaruto: 89%, northern Mozambique: 76% and Tanzania: 83%). *Sinularia* is the dominant genus with the highest number of species: South Africa has 15, Bazaruto 12, northern Mozambique 20 and Tanzania 19 (after amendments following Vennam & Ofwegen, 1996; Benayahu et al., 1998). The significance of *Sinularia* to soft coral biodiversity in the region is further demonstrated by its contribution of over 40% to the total soft coral species richness. This finding corroborates the recent work of Ofwegen (2002) who summarized the status of knowledge of *Sinularia* diversity in the Indo-Pacific region.

Among the Nephtheidae, the azooxanthellate genus *Dendronephthya* is found sporadically on the southern African reefs (i.e., Sodwana Bay and Bazaruto), either in conspicuous, dense patches of numerous colonies or in isolated colonies scattered in deep habitats below 22 m (unpublished data). However, the zooxanthellate genus *Nephthea* is very rare in the south and occurs only as small colonies. The zooxanthellate Indo-Pacific genera of the Nephtheidae are much more common on the lower lati-

tude reefs of south equatorial East Africa, including northern Mozambique and Tanzania, and comprise species of *Lemnalina* (Ofwegen & Benayahu, 1992, this study) and *Litophyton* (Ofwegen & Benayahu, 1992). A similar distributional pattern is found in the family Xenidiidae, which becomes more prominent on lower latitude reefs, with the appearance of the genus *Cespitularia*, which is not encountered at Bazaruto or on the southern reefs (Benayahu, 1993; Benayahu & Schleyer, 1996).

The accumulated data thus clearly indicate that a diversity of soft coral assemblages inhabits the East African reefs. The Indo-Pacific family Alcyoniidae has a wider latitudinal distribution there than the families Nephtheidae or Xenidiidae, with both of the latter being mostly confined to low latitude or equatorial reefs. Interestingly, these biogeographic affinities are further enhanced by recent findings on the soft coral fauna in Kenya (4°S, in prep.). Further surveys throughout the whole region will further contribute to our knowledge on the biogeographic patterns of this group.

Recent threats affecting the coral reefs of Mozambique include El Niño Southern Oscillation (ENSO) related bleaching (1998), crown-of-thorn starfish (*Acanthaster planci*) outbreaks, fishing, tourism and other human activities (Obura et al., 2000; Rodrigues et al., 2000a). The impacts of these threats and, primarily, the massive consequences of the 1998 ENSO related coral bleaching, highlight the value of programs in which changes in coral diversity and distribution on the Mozambique reefs are being monitored (Schleyer et al., 1999; Rodrigues et al., 2000b; Motta et al., 2002). The high diversity and faunistic importance of soft corals in this area illustrate the need for further soft coral surveys that will encompass the full spectrum of reef types in Mozambique, especially at unstudied sites. This will make a valuable contribution to the development of appropriate reef management and conservation policies in the region.

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References

- Benayahu, Y., 1993. Corals of South-West Indian Ocean I. Alcyonacea from Sodwana Bay, South Africa.— Invest. Rep. Oceanogr. Res. Inst. 67: 1-16.
- Benayahu, Y. & M.H. Schleyer, 1995. Corals of South-West Indian Ocean II. *Eleutherobia aurea* spec. nov. (Cnidaria, Alcyonacea) from the deep reefs on the KwaZulu-Natal Coast, South Africa.— Invest. Rep. Oceanogr. Res. Inst. 68: 1-12.
- Benayahu, Y. & M.H. Schleyer, 1996. Corals of South-West Indian Ocean III. Alcyonacea from Bazaruto Island, Mozambique, with a redescription of *Cladiella australis* (Macfadyen, 1936) and a

- description of *Cladiella kashmani* spec. nov.— Invest. Rep. Oceanogr. Res. Inst., 69: 1-22.
- Benayahu, Y., L.P. van Ofwegen & P. Alderslade, 1998. A case study of variation in two nominal species of *Sinularia* (Coelenterata: Octocorallia), *S. brassica* May, 1898, and *S. dura* (Pratt, 1903), with a proposal for their synonymy.— Zool. Verh. Leiden. 323: 277-309.
- Hamilton, G.H., & W.H. Brakel, 1984. Structure and coral fauna of east African reefs.— Bull. Mar. Sci. 34: 248-266.
- Motta, H., M.A.M. Pereira, M. Goncalves, T. Ridgway, & M.H. Schleyer, 2002. Coral reef monitoring in Mozambique. II: 2000 report.— Unpublished report, 31p.
- Obura, D., M. Suleiman, H. Motta & M.H. Schleyer, 2000. Status of coral reefs in East Africa: Kenya, Mozambique, South Africa and Tanzania. In: Wilkinson, C. (ed.). Status of coral reefs of the world: 2000.— Australian Institute of Marine Science, Australia 65-76.
- Ofwegen, L.P. van, 2002. Status of knowledge of the Indo Pacific soft coral genus *Sinularia* May, 1898 (Anthozoa: Octocorallia).— Proc. 9th int. Coral Reef Symposium, Bali, 2000, 1: 167-171.
- Ofwegen, L.P. van & M.H. Schleyer, 1997. Corals of South-West Indian Ocean V. *Leptophyton benayahui* gen. nov. & spec. nov. (Cnidaria, Alcyonacea) from the deep reefs off Durban and on the KwaZulu-Natal Coast, South Africa.— Invest. Rep. Oceanogr. Res. Inst., 71: 1-12.
- Ofwegen, L.P. van & Y. Benayahu, 1992. Notes on Alcyonacea (Octocorallia) from Tanzania.— Zool. Med. Leiden 66: 139-154.
- Robertson, W.D., M.H. Schleyer, P.J. Fielding, B.J. Tomalin, L.E. Beckley, S.T. Fennessy, R.P. Van der Elst, S. Bandeira, A. Macia & D. Gove, 1996. Inshore marine resources and associated opportunities for development of the coast of southern Mozambique: Ponta Do Oura to Cabo de Santa Maria.— Unpublished Report. Oceanographic Research Institute 130: 1-51.
- Rodrigues, M.J., H. Motta, M.H. Whittington & M.H. Schleyer, 2000a. Coral reefs of Mozambique. In: McClanahan, T., C. Sheppard & D. Obura (eds). Coral reefs of the Indian Ocean: Their ecology and conservation.— Oxford University Press, New York, pp. 107-129.
- Rodrigues, M.J., H. Motta., M.A.M. Pereira, M. Goncalves, M. Carvalho & M.H. Schleyer, 2000b. Reef monitoring in Mozambique. I: The monitoring programme and 1999 report.— Unpublished report, 65p.
- Schleyer, M.H., 1999. A synthesis of KwaZulu-Natal coral reef research. Special Report.— South African Association for Marine Biological Research 5: 1-36.
- Schleyer, M.H., 2000. South African coral communities. In: McClanahan, T., Sheppard, C. & D. Obura (eds). Coral reefs of the Indian Ocean: Their ecology and conservation.— Oxford University Press, New York, pp. 83-105.
- Schleyer, M.H., D. Obura, H. Motta & M.-J. Rodrigues, 1999. A preliminary assessment of coral bleaching in Mozambique. Unpublished Report.— South African Association for Marine Biological Research 168: 1-18.
- Tixier-Durivault, A., 1960. Les Octocoralliers de ile Inhaca.— Bull. Mus. Nat. Hist. Nat. 32: 359-369.
- Vennam, J. & L.P. van Ofwegen, 1996. Soft corals (Coelenterata: Octocorallia: Alcyonacea) from the Laccadives (SW India), with a re-examination of *Sinularia gravis* Tixier-Durivault, 1970.— Zool. Med. Leiden 70: 437-452.
- Wells, S.M., (ed.) 1988. Coral Reefs of the World. Vol. 2: Indian Ocean, Red Sea and the Gulf. UNEP. Nairobi; International Union for Conservation of Nature and Natural Resources, Switzerland.
- Williams, G.C., 2000. Two new genera of soft corals (Anthozoa: Alcyoniidae) from South Africa, with a discussion of diversity and endemism in the southern African octocorallian fauna.— Proc. Cal. Acad. Sci. 52: 65-75.

Table 1. List of Octocorallia of the order Alcyonacea Lamouroux, 1816 (emended by Bayer, 1981), from north Mozambique with indication of Museum inventory numbers (ZMTAU Co). NR = New Record in Mozambique.

Classification	New Record
Tubiporidae Ehrenberg, 1828	
Genus <i>Tubipora</i> Linnaeus, 1758	
<i>Tubipora musica</i> Linnaeus, 1758	
ZMTAU Co 31260	
Alcyoniidae Lamouroux, 1812	
Genus <i>Cladiella</i> Gray, 1869	
<i>Cladiella australis</i> (Macfadyen, 1936)	
ZMTAU Co 31240, 31303	
<i>Cladiella brachyclados</i> (Ehrenberg, 1834)	NR
ZMTAU Co 31243	
<i>Cladiella kashmani</i> Benayahu & Schleyer, 1996	
ZMTAU Co 31270, 31304	
<i>Cladiella krempfi</i> (Hickson, 1919)	
ZMTAU Co 31283, 31293	
<i>Cladiella laciniosa</i> (Tixier-Durivault, 1944)	NR
ZMTAU Co 31289, 31301	
<i>Cladiella latissima</i> (Tixier-Durivault, 1944)	NR
ZMTAU Co 31269	
<i>Cladiella pachyclados</i> (Ehrenberg, 1834)	NR
ZMTAU Co 31300	
<i>Cladiella tulearensis</i> (Tixier-Durivault, 1944)	NR
ZMTAU Co 31287	
Genus <i>Lobophytum</i> von Marenzeller, 1886	
<i>Lobophytum crassum</i> von Marenzeller, 1886	
ZMTAU Co 31256, 31263, 31295, 31302	
<i>Lobophytum depressum</i> Tixier-Durivault, 1966	NR
ZMTAU Co 31254	
<i>Lobophytum patulum</i> Tixier-Durivault, 1956	
ZMTAU Co 31252, 31294	
<i>Lobophytum venustum</i> Tixier-Durivault, 1957	
ZMTAU Co 31250	
Genus <i>Rhytisma</i> Alderslade, 2000	
<i>Rhytisma fulvum fulvum</i> (Forskål, 1775)	NR
ZMTAU Co 31241, 31307, 31318	
Genus <i>Sarcophyton</i> Lesson, 1834	
<i>Sarcophyton ehrenbergi</i> von Marenzeller, 1886	NR
ZMTAU Co 31248, 31257, 31311	
<i>Sarcophyton glaucum</i> (Quoy & Gaimard, 1833)	
ZMTAU Co 31246, 31265	
<i>Sarcophyton trocheliophorum</i> von Marenzeller, 1886	
ZMTAU Co 31262, 31290, 31305	
Genus <i>Sinularia</i> May, 1898	
<i>Sinularia abrupta</i> Tixier-Durivault, 1970	
ZMTAU Co 31284, 31309, 31454	
<i>Sinularia brassica</i> May, 1898	
ZMTAU Co 31247, 31261, 31273, 31299	
<i>Sinularia compressa</i> Tixier-Durivault, 1945	NR
ZMTAU Co 31272, 31292	

<i>Simularia erecta</i> Tixier-Durivault, 1945 ZMTAU Co 31277, 31297	
<i>Simularia firma</i> Tixier-Durivault, 1970 ZMTAU Co 31242, 31275	NR
<i>Simularia fungoides</i> Thomson & Henderson, 1906 ZMTAU Co 31285	NR
<i>Simularia grandilobata</i> Verseveldt, 1980 ZMTAU Co 31255, 31279, 31280	
<i>Simularia gravis</i> Tixier-Durivault, 1970 ZMTAU Co 31267, 31276, 31278, 31286, 31308	
<i>Simularia heterospiculata</i> Verseveldt, 1970 ZMTAU Co 31239	
<i>Simularia inelegans</i> Tixier-Durivault, 1970 ZMTAU Co 31291	NR
<i>Simularia leptoclados</i> (Ehrenberg, 1834) ZMTAU Co 31259, 31281, 31282	
<i>Simularia lochmodes</i> Kolonko, 1926 ZMTAU Co 31264, 31271	NR
<i>Simularia macrodactyla</i> Kolonko, 1926 ZMTAU Co 31249, 31312	
<i>Simularia macropodia</i> (Hickson & Hiles, 1900) ZMTAU Co 31274	NR
<i>Simularia numerosa</i> Tixier-Durivault, 1970 ZMTAU Co 31244	NR
<i>Simularia polydactyla</i> (Ehrenberg, 1834) ZMTAU Co 31310	
<i>Simularia rotundata</i> Tixier-Durivault, 1970 ZMTAU Co 31251	NR
<i>Simularia terspilli</i> Verseveldt, 1971 ZMTAU Co 31258, 31453	NR
<i>Simularia triangula</i> Tixier-Durivault, 1970 ZMTAU Co 31266	
<i>Simularia vrijoethi</i> Verseveldt 1971 ZMTAU Co 31238, 31245, 31288	NR
Nephtheidea Gray, 1862	
Genus <i>Lemnalia</i> Gray, 1868	
<i>Lemnalia africana</i> (May, 1898) ZMTAU Co 31338, 31340, 31344	NR
<i>Lemnalia flava</i> (May, 1898) ZMTAU Co 31341	NR
<i>Lemnalia humesi</i> Verseveldt, 1969 ZMTAU Co 31339, 31343, 31345	NR
Xeniidae Ehrenberg, 1828	
Genus <i>Anthelia</i> Lamarck, 1816	
<i>Anthelia glauca</i> Lamarck, 1816 ZMTAU Co 31313, 31317	
Genus <i>Cespitularia</i> Milne-Edwards & Haime, 1850	
<i>Cespitularia caerulea</i> May, 1898 ZMTAU Co 31296	NR
<i>Cespitularia densa</i> Tixier-Durivault, 1966 ZMTAU Co 31253	NR
<i>Cespitularia erecta</i> Macfadyen, 1939 ZMTAU Co 31316, 31337	NR

Genus <i>Heteroxenia</i> Kölliker, 1874	
<i>Heteroxenia fuscescens</i> (Ehrenberg, 1834)	NR
ZMTAU Co 31237, 31298	
Genus <i>Xenia</i> Lamarck, 1816	
<i>Xenia crassa</i> Shenck, 1896	NR
ZMTAU Co 31236, 31306	
Briareidae Blainville, 1830	
Genus <i>Briareum</i> Blainville, 1830	
<i>Briareum hamrum</i> (Gohar, 1948)	NR
*ZMTAU Co 31319	

* Specimen collected at Chilola, Bazaruto Is.

