

DESCRIPTION OF A NEW GENUS AND SPECIES OF ALCYONOID POLYP

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1: Contributions to the natural history of the Coelenterata. - CORE

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Hana hanagasa, from Okinawa, 17 meters. The Organ Pipe Coral Tubipora is a skeletonized model that belongs right here, as do a pair extra genera generally seen as semi-pestiferous aquarium hitchhikers, Acrosotta and Phenganax. Moderately, this may be regarded as the lazy method of constructing a delicate coral, missing the structural refinement evident in one thing like a branching gorgonian or a Sarcophyton toadstool. Latest genetic research have proven that stoloniferous species have arisen on many events throughout the Alcyonacea, and the present system of classification particularly on the household stage is woefully insufficient for explaining their true evolutionary historical past. The polyps measure simply mm in top, however, regardless of their diminutive proportions, Arula is a really distinctive creature. However in a current paper showing within the journal ZooKeys, a second genus was added to this household, and this new coral seems to have a broad distribution within the West Pacific and presumably extending all through the Indian Ocean as effectively. Genetic variations point out a large gulf between these two genera, whereas shut examination of their sclerites revealed extra distinctions. Desk-radiate sclerites of Arula left and Hana proper. Observe how these in Hana are fused collectively. Hana hanataba, Dongsha Atoll, Taiwan. The habitat for each was described as having heavy currents, which can characterize their most popular environmental area of interest and provides some indication of their care necessities in captivity. Years in the past I occurred upon the same coral as an aquarium hitchhiker and despatched it off to be sequenced by Dr. Catherine McFadden, one of many authors who described Arula and a number one knowledgeable within the genetics of sentimental corals. The outcomes indicated it was an in depth relative of that genus, and, fairly presumably, it was one in all these species of Hana. That specimen was presumed to have originated on a bit of coral shipped out of Bali, and a coral matching the outline of Hana has been photographed from there as effectively. In captivity, the colony did simply high quality in low stream and reasonable gentle, including new polyps at a gradual tempo. The peak of those polyps was nearer to 1cm and the coloration was a bit extra brown, each of which which could have been an adaptation to the captive circumstances. Hana photographed within the Coral Triangle. At Bali left and Sabah proper. It kind of appears to be like like a lite model of Anthelia, however far smaller and way more delicate. Little doubt many extra attention-grabbing discoveries await among the many stoloniferous corals, lots of which is perhaps discovered rising unnoticed and unappreciated in aquariums. A mysterious stoloniferous coral belonging to an obvious unknown household. Stolonifera from shallow waters within the north-western Pacific: Stoloniferous octocorals Anthozoa, Octocorallia from South Africa, with descriptions of a brand new household of Alcyonacea, a brand new genus of Clavulariidae, and a brand new species of Cornularia Cornulariidae. Invertebrate Systematics, 26 four , pp. Alcyonacea, Arula, Arula petunia, Arulidae, Flower Polyps, Hana, Hana hanagaba, Hana hanataba, octocoral, Octocorallia, delicate coral, Stolonifera, stoloniferan coral, stoloniferous coral.

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2: Zoantharia - Wikipedia

Description of a new genus and species of Alcyonoid polyp Item Preview remove-circle Description of a new genus and species of Alcyonoid polyp.

Zoanthus Cuvier, Note: Aquaria[edit] This dragon-eye zoanthid is a popular source of color in reef tanks Zoanthidae include many species popular in the fishkeeping world, among hobbyists and professionals. They are relatively easy to keep alive and healthy, and will often spread to cover rocks in their bright circles of color. They are known by some as carpet coral, button polyps, and "zoas" or "zoos. Palytoxin is one of the most toxic organic substances in the world, but there is an ongoing debate over the concentration of this toxin in these animals. If delivered immediately, it has been suggested that vasodilators can be injected into the ventricle of the heart to act as an antidote. General opinion and practical experience holds that in order for this toxin to be dangerous to humans, the average aquarist would need to ingest the zoanthid in sufficient quantities, or brush a recent cut over it, and average handling, propagation and aquarium maintenance is unlikely to pose any danger beyond a localized skin reaction. According to a report an aquarist was poisoned through skin injuries on fingers by a species of Parazoanthus , but recovered after 3 days. His zoanthid was found to contain milligrams of PTX per gram. It is always recommended to wear proper eye protection when cutting corals. Research shows that in sublethal quantities, Palytoxin is a tumor promoter, and is being studied in relation to signaling pathways in skin cancer genesis. Although photosynthesis aids in their nutrition, even species that do not actively capture plankton cannot live through photosynthesis alone. Coral Reefs 25 4: The Light and Smith Manual: Intertidal Invertebrates from Central California to Oregon. University of California Press. Hexacorallia from southwestern Japan with description of two new species. Zoological Science 23 3: Zoantharia from a northwest Pacific methane cold seep. Zoantharia associated with Japanese red coral Paracorallium japonicum in southern Japan. Coral Reefs 27 4: Zoantharia from shallow waters of the southern Chilean fjord region with the description of a new genus and two new species.

3: Hana, An Uncommon New Genus of Stoloniferous Flower Polyps “ The Bloom Fish

Description of a new genus and species of Alcyonoid polyp / By Robert E. C. (Robert Edwards Carter) Stearns Topics: Alcyonaria.

4: A new genus of bamboo coral (Octocorallia: Isididae) from the Bahamas | WATLING | Zootaxa

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