

Appendix 4 A list of Hermatypic corals in Japan

This list is based on a table in 'Hermatypic corals of Japan' (Nishihira and Veron 1995).

Species reported by Veron (1993)
Species reported by the followings articles; Tribble and Randall (1986)(Miyakejima),
Tachikawa (unpublished), and Tachikawa (1991)(Ogasawara) referenced by Veron (1992).
Dai(1991) (Taiwan), Matsumoto (unpublished)(Miyakojima) and other observations.

Japan Wildlife Research Center added the latest information from the distribution map of 'Corals of the World' (Veron 2000).

: Species added from Veron (2000)
× : Species deleted by Veron (2000)

The coral distribution of Miyake Island, Boso Peninsula and Izu Peninsula are not clearly distinguished from other areas on the map in Veron (2000). Therefore coral species for these areas are marked (), and not counted in the total number of species.

In Veron(2000), the scientific names of some species are changed. This list includes both species name in Veron (2000) and Nishihira and Veron (1995) (* is marked in front of scientific name).

For reference, the species distributed in the Philippines and Taiwan are shown on the left column on the list. This list dose not include all the species in those two countries.

Species name	Region													Remarks		
	Philippines	Taiwan	Yaeyama Archipelago	Miyako Archipelago	Okinawa Islands	Amami Archipelago	Tanegashima (Osumi Islands)	Amakusa (Kyushu)	Tosashimizu (Shikoku)	Shirahama (Kii Peninsula)	Kushimoto (Kii Peninsula)	Izu Peninsula	Tateyama (Boso Peninsula)		Miyake Island (Izu Islands)	Ogasawara Islands
[Scleractinia]																
* <i>Acanthastrea amakusensis</i>																In Veron(2000), <i>Micromussa amakusensis</i> .
<i>Acanthastrea bowerbanki</i>																
<i>Acanthastrea brevis</i>																
<i>Acanthastrea echinata</i>																
<i>Acanthastrea hemprichii</i>																
<i>Acanthastrea hillae</i>																
<i>Acanthastrea ishigakiensis</i>																
<i>Acanthastrea lordhowensis</i>															×	
<i>Acanthastrea regularis</i>																New Species
<i>Acanthastrea rotundiflora</i>																
<i>Acrhelia horrescens</i>					×											
<i>Acropora abrolhosensis</i>																
<i>Acropora abrotanoides</i>																In Nishihira and Veron(1995), <i>A. danai</i> .
<i>Acropora aculeus</i>																
<i>Acropora acuminata</i>																
<i>Acropora akajimensis</i>																In Wallace(1999), <i>A. donei</i> .
<i>Acropora anthocercis</i>															×	
<i>Acropora aspera</i>																
<i>Acropora auster</i>															×	
<i>Acropora awi</i>																
<i>Acropora bifurcata</i>																It was thought the synonym of <i>A. hyacinthus</i> .
<i>Acropora brueggemanni</i>																
<i>Acropora carduus</i>															×	
<i>Acropora caroliniana</i>																
<i>Acropora cerealis</i>															×	
<i>Acropora clathrata</i>																
<i>Acropora cophodactyla</i>																
<i>Acropora copiosa</i>																
<i>Acropora cuneata</i>																
<i>Acropora cytherea</i>															×	
* <i>Acropora danai</i>																In Veron(2000), <i>A. abrotanoides</i> .
<i>Acropora dendrum</i>															×	
<i>Acropora digitifera</i>							×	×								In Veron(2000), the mainland type is changed to <i>A. japonica</i> .
<i>Acropora divaricata</i>																
<i>Acropora donei</i>																In Wallace(1999), it is distributed southern from Okinawa Island and Ogasawara Islands.

Species name	Region														Remarks	
	Philippines	Taiwan	Yaeyama Archipelago	Miyako Archipelago	Okinawa Islands	Amami Archipelago	Tanegashima (Osumi Islands)	Amakusa (Kyushu)	Tosashimizu (Shikoku)	Shirahama (Kii Peninsula)	Kushimoto (Kii Peninsula)	Izu Peninsula	Tateyama (Boso Peninsula)	Miyake Island (Izu Islands)		Ogasawara Islands
<i>Seriatopora caliendrum</i>																
<i>Seriatopora hystrix</i>																
<i>Seriatopora stellata</i>																
<i>Stylaraea punctata</i>																
<i>Stylocoeniella armata</i>																
<i>Stylocoeniella cocosensis</i>																
<i>Stylocoeniella guentheri</i>																
<i>Stylophora pistillata</i>																
<i>Stylophora</i> sp.																
<i>Symphyllia agaricia</i>																
<i>Symphyllia radians</i>																x
<i>Symphyllia recta</i>																x
<i>Symphyllia valenciennesii</i>																
<i>Trachyphyllia geoffroyi</i>																x
<i>Turbinaria bifrons</i>																
<i>Turbinaria frondens</i>																x
<i>Turbinaria irregularis</i>																
<i>Turbinaria mesenterina</i>																
<i>Turbinaria peltata</i>																x
<i>Turbinaria reniformis</i>																
<i>Turbinaria stellulata</i>																
<i>Zoopilus echinatus</i>																
[None Scleractinia]																
<i>Heliopora coerulea</i>																
<i>Tubipora musica</i>																
<i>Millepora dichotoma</i>																
<i>Millepora exaesa</i>																
<i>Millepora intricata</i>																
<i>Millepora murrayi</i>																
<i>Millepora platyphylla</i>																
<i>Millepora tenella</i>																
Number of specieses in Nishihira and Veron(1995)	369	203	371	248	348	225	151	98	127	79	95	45	24	43	181	410 species of 77 genera
Number of specieses after new information is added	453	417	409	414	381	290	203	198	197	198	197	44	24	43	231	482 species of 81 genera
(numbers of species except synonym)	447	412	403	409	377	286	199	194	193	194	193	193	191	43	226	475 species of 80 genera

Reference

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