

Variability on microevolutionary and macroevolutionary scales: a review on patterns of morphological variation in Cnidaria Medusozoa

Organisms Diversity and Evolution

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Online Resource 1. Specimens of *Orthopyxis sargassicola* (Nutting, 1905) measured in this study, and their respective morphometric data (in μm). Intracolony variation was evaluated for these (*) specimens. MZUSP=Museu de Zoologia da Universidade de São Paulo.

Specimen	Locality	Geographical Coordinates	Total Length of the Trophosome	Length of Pedicel	Length of Hydrotheca	Diameter of Hydrotheca at Margin	Maximum Thickness of the Hydrotheca at Medial Portion	Maximum Thickness of the Pedicel at Medial Portion	Maximum Number of Sinuosities in the Pedicel	Number of Hydrothecal Cusps
MZUSP4079 *	Bombas, Bombinhas, Brazil	27°07.874'S 48°30.817'W	1040	710	365	290	27.5	15	12	11
			1100	640	430	330	20	22.5	8	11
			1240	780	420	265	17.5	6.25	12	10
			1120	800	340	285	22.5	27.5	9	11
			1120	680	325	265	22.5	17.5	8	11
MZUSP4161 *	Trapiche, Bombinhas, Brazil	27°08.795'S 48°28.871'W	2060	1500	560	385	17.5	22.5	17	12
			2380	1610	620	420	13.75	12.5	17	13
			2240	1680	540	425	20	15	18	10
			1740	1090	560	375	10	7.5	16	10

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			2160	1320	590	355	7.5	10	23	12
MZUSP4597	Campeche Island,	27°41'27"S	1460	900	540	320	7.5	12.5	14	11
MZUSP4665	Florianópolis, Brazil	48°27'51"W	2180	1600	550	290	5	7.5	3	11
MZUSP2605	Paraty, Brazil	Specific coordinates unknown	2220	1400	530	275	3.75	7.5	20	11
MZUSP2606			1620	1120	470	235	2.5	6.25	4	10
MZUSP2607			1640	1110	500	260	2.5	7.5	5	11
MZUSP2608			2360	1690	575	260	2.5	5	3	11
MZUSP2609			2080	1520	520	315	37.5	8.75	10	14
MZUSP2610	Ratos Island, Paraty, Brazil	23°11.640'S 44°36.408'W	1860	1050	570	270	7.5	12.5	11	11
MZUSP2611	Meros Island, Paraty, Brazil	23°11.264'S 44°34.635'W	1720	1200	480	270	3.75	7.5	13	11
MZUSP2617	Padres, Aracruz, Brazil	19°55.941'S 40°07.327'W	2280	1300	590	300	11.25	12.5	19	10
MZUSP2618			2100	1560	530	325	2.5	10	21	10
MZUSP2619			1720	1250	440	375	50	22.5	14	11
MZUSP2620			1680	1110	480	355	70	17.5	17	10
MZUSP2624			2640	2110	550	375	32.5	15	21	12
MZUSP2627			1780	1300	430	300	30	10	20	11
MZUSP2628			1720	1260	460	315	27.5	22.5	19	11
MZUSP2632			1980	1390	540	345	37.5	15	22	11
MZUSP2629	Formosa, Aracruz, Brazil	Specific coordinates unknown	1640	1180	430	290	22.5	12.5	19	10
MZUSP2630			1580	1180	450	315	27.5	12.5	17	12
MZUSP2594	Lázaro, Ubatuba,	23°30'32.64"S	1160	630	460	310	32.5	5	9	11

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MZUSP2595	Brazil	45°08'18.52"W	1760	1300	450	340	10	12.5	17	11
MZUSP2596			1680	1220	470	315	42.5	15	17	10
MZUSP2597			1200	810	380	255	40	15	16	10
MZUSP2599			1520	1040	500	335	15	12.5	17	13
MZUSP2600			1500	1060	640	285	27.5	12.5	16	10
MZUSP2602			1460	950	460	350	32.5	20	13	12
MZUSP2603			1840	1340	460	320	15	15	18	12
MZUSP2593	Preta, São Sebastião, Brazil	Specific coordinates unknown	1600	1090	450	305	27.5	10	18	12
MZUSP1319	Massaguaçu Island, Caraguatatuba, Brazil	23°25'S 44°49'W	1660	1150	490	350	25	22.5	13	12
MZUSP0256	Ilhabela, São Paulo, Brazil	23°44.800'S 45°20.948'W	1560	1000	560	285	2.5	10	16	11
MZUSP0183	Barequeçaba, São Sebastião, Brazil	23°49.888'S 45°25.915'W	2260	840	450	345	32.5	17.5	25	13