

# Major Characteristics of Locally Described *Aphrodita* Species

(from original descriptions, Hartman Atlas and MMS Atlas)

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22 July 99

Species Name	Shape of Prostomium	Presence/Size of Eyes	Length of Palpi	Shape of Median Antenna	Dorsal Notosetae	Neurosetae	Other	Distribution
<i>Aphrodita armifera</i> Moore 1910	wider than long	2 very small ones	6 x's long as prostomium	very short	thick lustrous copper-brown spines over dorsum	3 horizontal series; ventral-most w/ spurs		central & so. Calif silty & rocky bottoms 5 - 55 fms.
<i>Aphrodita brevitentaculata</i> Essenberg 1917	slightly broader than long	pair of eyes on each ocular, slightly fused and unusually large	2.5 x's long as prostomium	short with bulbous tip	fine tips with bent hook; colorless	serrated and spinous	ventral surface covered with fine papillae	so. Calif. Kelp holdfasts
<i>Aphrodita castanea</i> Moore 1910	subglobose nearly circular or slightly wider than long	2 minute pairs 1 above or behind other	4-6 x's length of prostomium	strongly clavate	distally hooked	3 rows; lower-pilose, anterior serrated, posterior spinous		central Calif. To western Mexico; littoral
<i>Aphrodita japonica</i> Marenzeller 1879	subglobular; slightly longer than wide	each ocular prominence with a pr. of eyes	5.5 x's length of prostomium	at least as long as prost.	distally curved	3 tiers; upper-copper color lower-pale yellow caudal setae spinous	ventrum thickly covered with papillae	Japan, Alaska south to so. Calif. In shallow depths to 75 fms.
<i>Aphrodita longipalpa</i> Essenberg 1917	slightly wider than long	ocular prominences lack eyes	11.5 x's as long as prostomium	short cirratophore and style of equal length	very long, colorless with hooked tip	3 rows; each very dark brown and long; uppermost number 2 are thickest; median row w/ 4; lowest w/ 6 setae	ventral and dorsal surfaces are studded with papillae	La Jolla in 292 m western Canada in deep water
<i>Aphrodita negligens</i> Moore 1905	slightly wider than long	2 prs. Small eyes on slight prominences	4.5 x's length of prostomium	club shaped	thick, clay colored w/ asperities arched over dorsum or penetrating dorsal felt	slightly, curved, all hooked; up to 5 in ventral series usually not pilose in adults	ventrum thickly studded w/ spherical papillae	Washington, Japan probably into Calif. in deep water
<i>Aphrodita refulgida</i> Moore 1910	nearly twice as wide as long	ocular prominences w/ 2 prs. Eyes	7 x's length of prostomium	with slender style 3 x length of prostomium	2 series of large setae ventralmost no. 6-8 taper distally to straight tips	3 series; dorsalmost thick brown 2-3 in row; middle paler 4-5 in row; ventral-most slenderer yellow-brown and numerous	brilliant iridescent green lateral fibers	central & southern Calif.; subintertidal to 51 fms.