

Order Actiniaria
 Family Actiniidae
 Genus Anthopleura
 Species ***Anthopleura dowii*** Verrill, 1869

Reference: [Daly, M. Anatomy and Taxonomy of Three Species of Sea Anemones \(Cnidaria: Anthozoa: Actiniidae\) from the Gulf of California, Including *Isoaulactinia hespervolita* Daly, n. sp." Pacific Science, vol. 58 no. 3, 2004, pp. 377-390. Project MUSE, doi:10.1353/psc.2004.0030. 2004.](#)

Tissue	Cnidae type	Range Length x Width (mean ± sd)	n	N
Tentacles	small basitrich	8.0-13.2 x 1.7-2.9	5/5	59
	large basitrich	13.3-28.1 x 1.6-3.9	5/5	221
	spirocyst	11.0-28.2 x 1.4-3.8	5/5	216
Acrorhagus	small basitrich	5.9-14.0 x 1.2-3.1	5/5	31
	large basitrich	17.2-21.5 x 2.1-3.4	5/5	28
	thin holotrich	32.2-62.5 x 2.4-5.0	5/5	113
	wide holotrich	32.9-58.4 x 4.5-8.4	5/5	119
Distal column	small basitrich	8.2-14.8 x 1.4-2.8	5/5	83
	large basitrich	12.4-26.5 x 1.8-3.6	5/5	85
Limbus	small basitrich	8.7-15.9 x 1.4-3.1	4/5	27
	large basitrich	14.0-28.8 x 2.2-4.5	5/5	93
	small holotrich	14.3-29.7 x 3-5.9	5/5	78
Actinopharynx	small basitrich	10.2-16.9 x 1.4-3.1	5/5	131
	large basitrich	17.7-29.5 x 2.4-4.3	5/5	160
	microbasic p-mastigophore	13.7-24.0 x 3.4-6.6	4/5	115
Filament	small basitrich	11.1-21.2 x 1.6-3.3	5/5	61
	large microbasic b-mastigophore	24.7-46.5 x 3-6.4	5/5	73
	microbasic b-mastigophore	15.1-23.0 x 2.8-5.0	5/5	44
	microbasic p-mastigophore	14.5-26.4 x 2.8-5.7	5/5	111
	s-shaped basitrich	25-36.9 x 1.2-2.5	4/5	36

Tissue	Cnida
Tentacle	Spirocyst (E)
	Small basitrich (H)
	Large basitrich (G)
Acrorhagus	Small basitrich (H)
	Large basitrich (G)
	Thin holotrich (B)
	Wide holotrich (A)
Distal column	Small basitrich (H)
	Large basitrich (G)
Limbus	Small basitrich (H)
	Large basitrich (G)
Actinopharynx	Small holotrich (M)
	Small basitrich (H)
	Large basitrich (G)
	Microbasic p-mastigophore I (L)
Filament	Small basitrich (H)
	Large microbasic b-mastigophore (D)
	Microbasic b-mastigophore (K)
	Microbasic p-mastigophore I (L)
	S-shaped basitrich (C)
	Small holotrich (M)



FIGURE 5. Cnidae of *Isoaulactinia hespervolita*, *Anthopleura dowii*, and *Bunodosoma californica*. The species that is the source of each illustrated cnida is given after the name of each type; because the morphology of each type of cnida was similar for all three species, only a single example of each type is shown. Refer to Tables 1-3 for distribution and specific size information. Scale = 10 μm. A. Wide holotrich, *A. dowii*. B. Thin holotrich, *A. dowii*. C. S-shaped basitrich, *A. dowii*. D. Large microbasic b-mastigophore, *Bunodosoma californica*. E. Spirocyst, *I. hespervolita*. F. Spinose holotrich, *I. hespervolita*. G. Large basitrich, *I. hespervolita*. H. Small basitrich, *Bunodosoma californica*. I. Macrobasic p-mastigophore, *I. hespervolita*. J. Microbasic p-mastigophore II, *I. hespervolita*. K. Microbasic b-mastigophore, *A. dowii*. L. Microbasic p-mastigophore I, *A. dowii*. M. Small holotrich, *A. dowii*.

Notes: this figure includes images of cnidocytes of several species including *A. dowii*
 Source: Daly (2004)