

Key to the species of the Genus *Eualus*
(modified from Rathbun, 1904)

1. Pereiopods lack epipods.....2
Pereiopods have epipods.....4
2. Rostrum shorter than the rest of carapace.....
..... *E. macrophthalma*
Rostrum as long as or longer than carapace.....3
3. 3rd, 4th and 5th abdominal segments carinated and ending in
a spine..... *E. barbata*
Abdominal segments unarmed and uncarinated..... *E. biunguis*
4. 1st, 2nd and 3rd pereiopods with epipods.....5
3rd pereiopod, and often the 2nd lacks epipods.....10
5. 3rd maxillipeds extend beyond the antennal scale.....6
3rd maxillipeds do not extend beyond antennal scale.....9
6. Rostrum has no ventral teeth..... *E. pusiolus*
(normally, see Greve, 1963)
Rostrum has at least one ventral tooth.....7
7. Rostrum has 4-5 ventral teeth..... *E. berkelyorum*
Rostrum has 1 or 2 ventral teeth.....8
8. Rostrum has 3-6 dorsal teeth..... *E. herdmani*
Rostrum has 12-14 dorsal teeth..... *E. avinus*
9. Dorsal and ventral margins of rostrum deeply convex,
toothed at apex (8-17 dorsal teeth, 1-3 ventral).....
..... *E. macilentus*
Dorsal and ventral margins not strongly convex, apex unarmed
(7-9 dorsal teeth, 1 ventral)..... *E. stoneyi*
10. Terminal half of rostrum without dorsal spines. *E. fabricii*
Terminal half of rostrum with dorsal spines.....11
11. Dorsal rostral spines (including spines on carapace) number
from 5-7 (epipod on 2nd pereopod various).....12
Dorsal rostral spines (including spines on carapace) number
from 8-12 (epipod present on 2nd pereopod)... *E. giamardii*
12. Fourth abdominal segment with spine on posterior margin
(epipod usually absent on 2nd pereopod)..... *E. sukleyi*
Fourth abdominal segment without spine on posterior margin
(epipod present on 2nd pereopod)..... *E. townsendi*