

VOUCHER SHEET

Oenone fulgida (Savigny, 1818)

Lysaretidae

Data Examined and Code:

June 13, 1983; AHF 13

Keys Used:

Fauchald, K. 1977 p. 111

Fauchald, K. 1970 p. 143

Hartman, O. 1944 p. 184

Other Literature:

Imajima, M. 1967. Bull. Nat. Sci. Mus. Tokyo, 10(4):404-441.

Rioja, E. 1941. Anales Inst. Biol. Mex, 12:669-746.

Chamberlin, R.V. 1919. Mem. Mus. Comp. Zool. Harv., 48:1-514

Ebbs, N.K. 1966. Bull. Mar. Sci., 16(3):485-555.

Treadwell, A.L. 1921. Pub. Carnegie Inst., Wash., 15:1-131.

Monro, C.C.A. 1933. Proc. Zool. Soc. Lond., 1933(1):1-96

Savigny, J.C. 1818. Hist. Nat. Anim. Saxe. Vert., 5:1-612.

Important Characters:

One distinct peristomial segment; 3 nuchal antennae; jaws with one pair of mandibles, five pairs of maxillae (maxilla I usually distally falcate, proximal end dentate) and one pair of prolonged maxillary carriers with an elongate median carrier; no branchiae; notopodia represented by enlarged, flattened dorsal cirri supported by acicula. Setae simple, capillary to geniculate and simple or bidentate hooks present.

Related Species & Character Differences:

None along eastern Pacific coast of North America.

Common Synonyms:Aglaura fulgida Savigny, 1818Oenone lucida Savigny, 1818Aqlaurides fulgida (Savigny, 1818) in Fauvel, 1917; Hartman, 1944.Oenone diphyllida Schmarda, 1861; Treadwell, 1921Oenone dyphyllida Rioja, 1941Oenone teluri Chamberlin, 1919NOT Halla parthenopeia of Okuda, 1933 or Oenone fulgida of Imajuma & Hartman, 1964 (Halla okudai Imajuma, 1967)Variability:

Shape of simple setae from capillary to geniculate, with or without wings outside curve; start of bidentate subacicular hooks present from setigers 14-24 or setigers 40-60; arrangement and number of teeth on the different jaw pieces, forceps symmetrical or asymmetrical, shape and size of paired and median maxillary carriers; form and distribution of acicula.

Qenone fulgida (continued)

Lysaretidae

Aids to Identification:

The upright dorsal cirri, the arabellid-like head with three minute nuchal antennae and the jaw arrangement are distinctive characters.

Comments:

The present large differences between the various descriptions of the pharyngeal apparatus and other variable characters may be caused by the presence of several different species, possibly as many as 5 or 6... The name and concept of Q. fulgida is retained here until such a study can be completed. Fauchald, 1970 (only species in genus). Fauchald, 1977, lists 4 species in Qenone.

Knox, G.A. and K.M. Green. 1972. The polychaetes of New Zealand. Part 3. Lysaretidae. J. Royal Society New Zealand, 2:431-434. ? New Species of Qenone?