

VOUCHER SHEETEunice vittata (delle Chiaje, 1828)

Eunicidae

Date Examined and Code: February 14, 1986, OC 16Keys Used: Hartman, O. 1968 (Atlas) p. 721
Fauchald, K. 1970 p. 48Other Literature: Hartman, O. 1944 p. 118Important Characters: Branchia present from setigers 3, absent from posterior two-thirds of body; single branchial filaments in first one or two branchiae; maximum number branchial filaments 10-12; yellow tridentate subacicular hooks present from setiger 16-24, bidentate composite hooks with pointed hood; occipital tentacles are articulated, each article long and cylindrical.Related Species and Character Differences: Eunice americana - occipital tentacles smooth; two to three branchial filaments in the first branchia. Eunice cedroensis - composite hooded hooks have reduced proximal teeth and slightly curved distal teeth (fig. 1) while E. vittata has composite hooded hooks with well developed proximal teeth and strongly curved distal teeth (fig. 2).Comments: Fauchald (1970) lists the depth range between 10 and 50 fathoms for western Mexico. Hartman (1968) list the depth range between intertidal and 55-110 fathoms.

Fig. 1 (Fauchald, 1970 p. 273)



Fig. 2 (Fauchald, 1970 p. 275)