

CARAZZIELLA CITRONA (Hartman, 1941) Blake & Kudenov, 1978

Spionidae

Voucher #PL 29, AHF 16

10 October 1983

Literature citation: Hartman, O. 1941. Some contributions to the biology and life history of Spionidae from California, with keys to species and genera and descriptions of two new forms. Allan Hancock Pac. Exped., 7(4): 289-324.

Synonymy: POLYDORA CITRONA Hartman, 1941

Primary diagnostic characters: Branchiae from setiger 7; 2 types of spines in setiger 5: ventral row with expanded bristled ends, dorsal row falcate with bristles and bare tip; bidentate hooded hooks in neurosetae from setiger 10; bidentate hooks gradually lose secondary tooth, become unidentate in posterior setigers.

Related species and character differences: Unique in genus in having unidentate posterior hooded hooks, with the hooks starting on setiger 10. CARAZZIELLA CALAFIA Blake, 1979 has bidentate hooded hooks throughout its body, the dorsal spines of setiger 5 have bristles covering their falcate tips, the ventral bristle-tipped spines have a terminal depression, and there is a "gizzard" in the digestive tract.

Variability: The prostomium may be entire anteriorly or slightly incised. The caruncle may stop at setiger 1 and then have an additional ridge on setiger 2, or the two may be fused into a single unit. The falcates spines of setiger appear to vary in shape, possibly due to the angle of observation and light refraction (see Blake, 1979): spines may look like those shown below, like those of POLYDORA BRACHYCEPHALA, or as in Hartman, 1969.

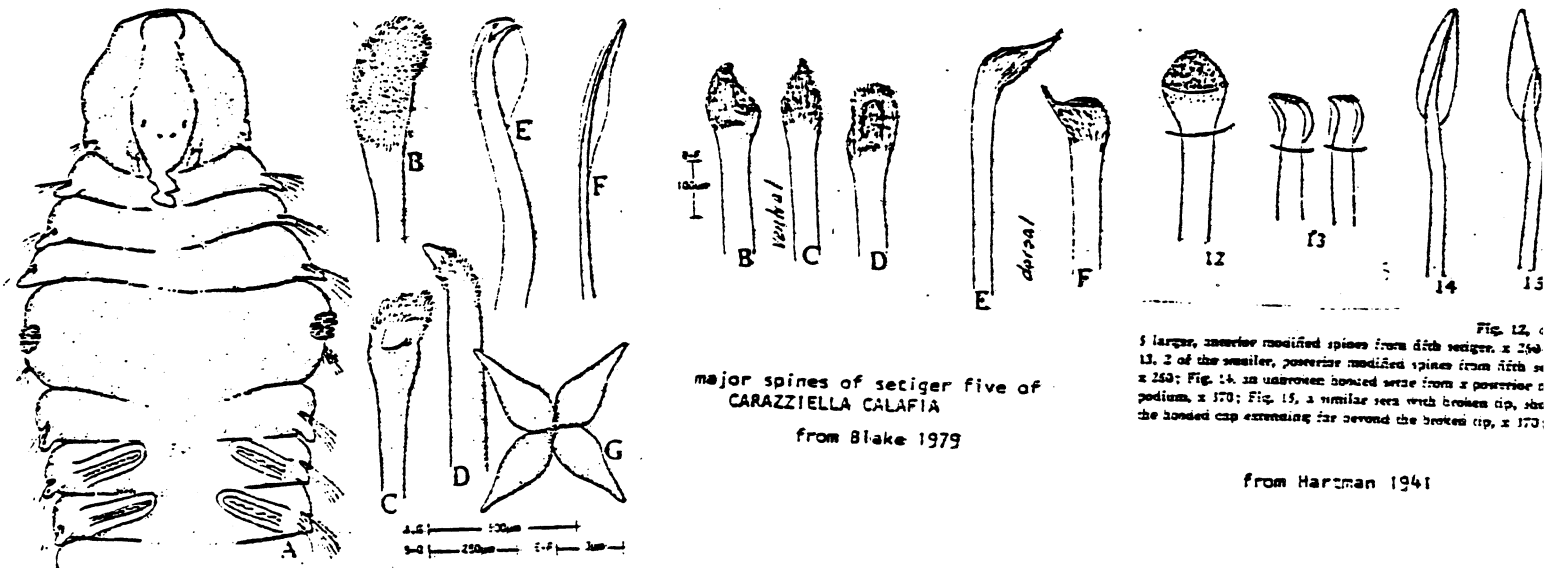
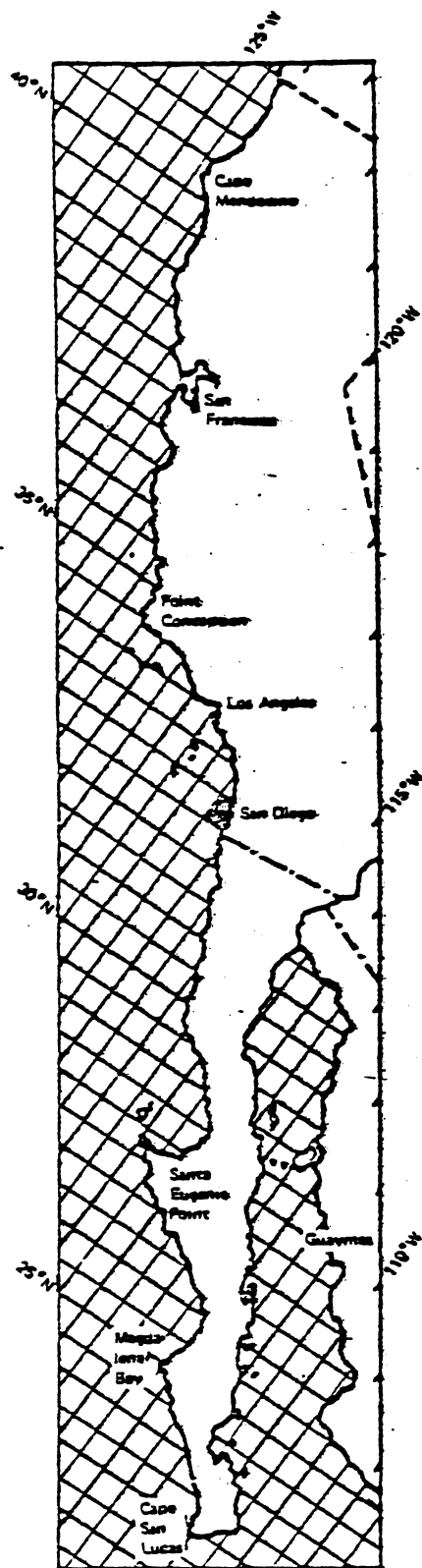


Fig. 1. *Carazziella citrona*: A. Anterior end of holotype in dorsal view; B. Ventral major spine from setiger 5; C-D. Dorsal falcate major spines from setiger 5; E. Hooded hook from anterior setiger; F. Hooded hook from posterior setiger; G. Pygidium, in posterior view.

major spines of setiger five of  
*CARAZZIELLA CALAFIA*  
from Blake 1979

Fig. 12. 4 larger, anterior modified spines from fifth setiger, x 250; 13. 3 of the smaller, posterior modified spines from fifth setiger, x 250; Fig. 14. an unarborescent hooded seta from a posterior cephalopodium, x 170; Fig. 15, a similar seta with broken tip, the hooded cap extending far beyond the broken tip, x 170.

from Hartman 1941



CARAZZIELLA CITRONA (Hartman, 1941)

Pertinent literature: Hartman, 1941, 1969; Blake & Kudenov, 1978; Blake, 1979.

Depth range: intertidal & 60 m.

Distribution: Sandy mud beds of UPOGEBIA in Mission Bay; silt/sand benthic communities off Point Loma, in 60 m.