

Key to the West Coast *Magelona*

adapted from Dean Pasko 1991 which was adapted from Hobson and Banse

1. a. Setae of parapodia 9 special (different from those of setigers 1-8, see Figure 1.).....2
 - b. Setae of parapodia 9 as of parapodia 1-8 (see Figure 2.).....6
2. a. Special setae with mucronate tips and no anterior horns (see Figure 3.).....3
 - b. Special setae with pennoned tips, with or without horns (see Figure 2.).....4
3. a. With lateral pouches between setiger 10 and 11. Hooded hooks of posterior region of about the same size with tridentate tips. Anterior margin of prostomium rounded, with median ridge may be projecting slightly.....*M. sacculata* Hartman
 - b. Lateral pouches present only in posterior regions. Anterior margin of prostomium truncate forming straight line (see Figure 4.).....*M. riojai* Jones
4. a. Special setae with pennoned tips symmetrical. Prostomium with truncate horns. Without lateral pouches. No interlamella on setigers 10-18 (see Figure 5.). Prostomium length:width = 0.8:1 (see Figure 6.).....*M. hobsonae* Jones
(*M. pitelkai* [not Hartman] in CPF, see Jones 1978)
 - b. Special setae with pennoned tips asymmetrical. Lateral pouches in posterior region. Prostomium longer than wide.....5
5. a. Prostomium with rounded discrete margin. Length:width = 1.2:1 (see Figure 7.). Notopodial lateral lamellae of setiger 9 enlarged, with abruptly acute tip. Interlamellae on setiger 10 and following setigers (see Figure 8.), reduced by setiger 18, 'beard' staining pattern in ventrum.*M. pitelkai* Hartman
 - b. Prostomium with anterior horns; proximal sides nearly straight, parallel (see Figure 9.). Length:width = 1.1:1. Notopodial lateral lamellae of setiger 9 transversely flattened, tapered. No interlamellae. Ventral methyl green stain starts on posterior half of setiger 4, darkest from setiger 5 and 6 fading through setiger 8 or 9.....*M. hartmanae* Jones
6. a. Without anterior horns, anterior margin of prostomium rounded (see Figure 10.). Lateral lamellae inconspicuous, small in anterior and posterior regions. Dorsal and ventral medial lobes missing. Setae of setiger 9 simple capillaries. Uncini bidentate.....*M. californica* Hartman
 - b. With horns.....7
7. a. Dorsal and ventral medial lobes missing after setiger 9. Uncini bidentate and in single rows. Notoetae simple capillaries.....*M. ceriae* Hartman and Reish
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 - b. Noto and neuropodial hooded hooks of posterior region in single series (example in Figure 15).

Parapodium 9 with dorsal and ventral median lobes.....*M. sp.* SD10 Rowe

10. a. Noto- and neuropodial hooded hooks in a single series. Prostomium broad, wider than long Setiger 1-9 with dorsal median lobe.....*M. longicornis* Johnson

b. Noto- and neuropodial hooded hooks in 2 series, facing each other. Prostomium narrow, longer than wide. Setigers 1-9 without dorsal median lobe*M. sp.* A SCAMIT



Figure 1.



Figure 2.



Figure 3.

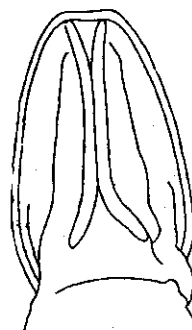


Figure 4.

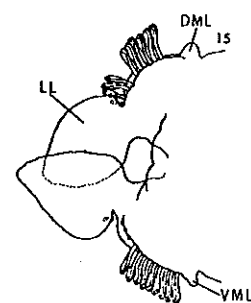


Figure 5

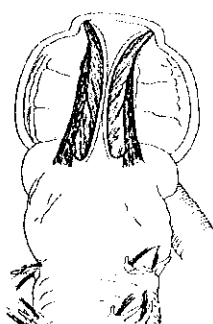


Figure 6.

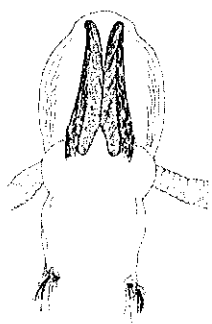


Figure 7.

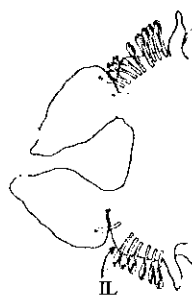


Figure 8.



Figure 9.

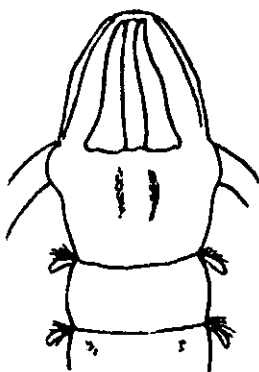


Figure 10.

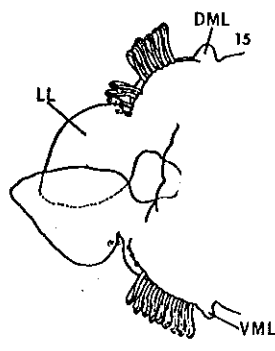


Figure 11.



Figure 12.



Figure 13.

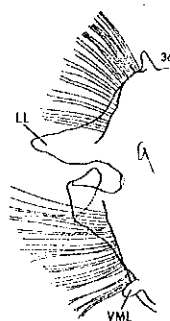


Figure 14.

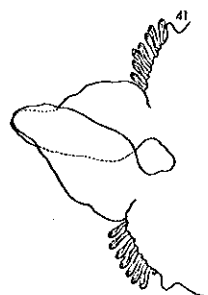


Figure 15.