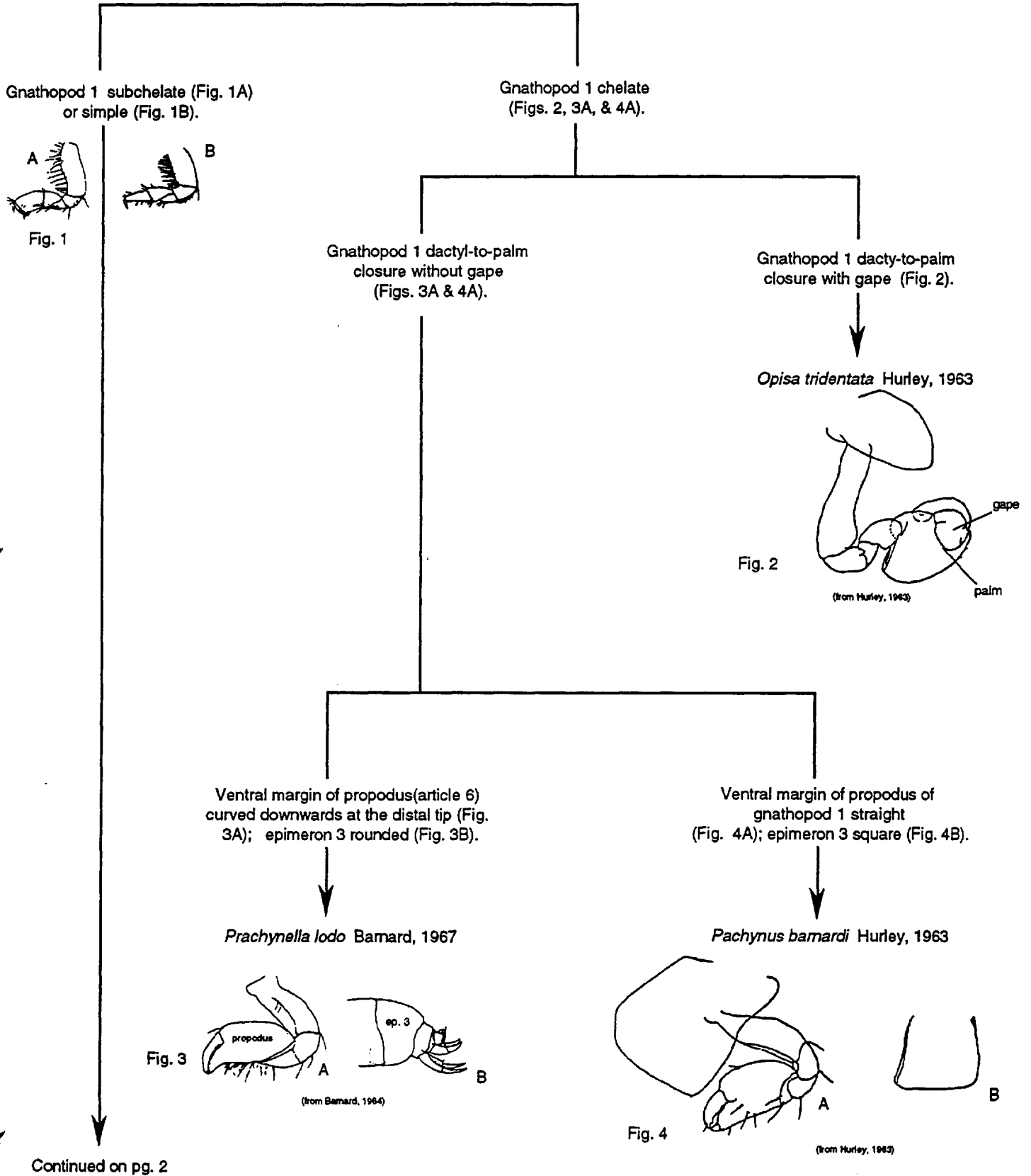


# A PICTORAL KEY TO THE LYSIANASSIDAE OF POINT LOMA

By Kelvin Barwick

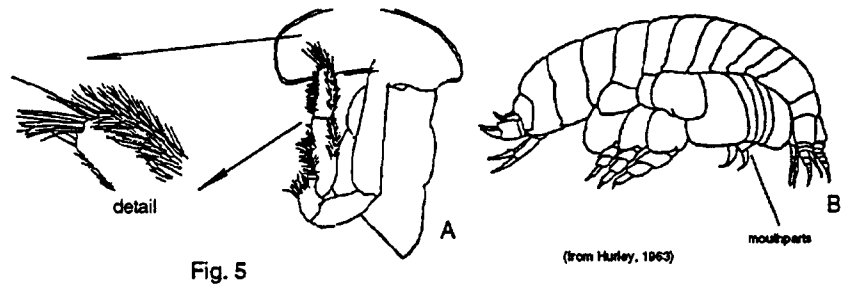


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Gnathopod 2 dactyl present;  
mouthparts do not form a point.\*  
(\* Some may protrude below  
coxae but does not form a point.)

Gnathopod 2 dactyl absent  
(Fig. 5A); mouthparts protrude  
below ventral margin of coxae  
forming a point (Fig. 5B).

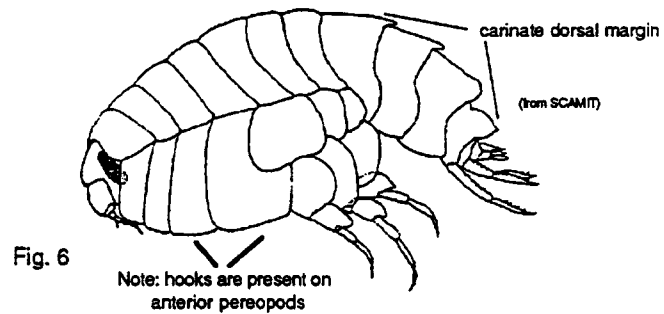
*Acidostoma hancocki* Hurley, 1963



Antenna 1 peduncle and body  
not strongly carinate.

Antenna 1 peduncle carinate;  
body strongly carinate along  
dorsal margin of body (Fig. 6).

*Lepidepecreum* sp. A SCAMIT, 1985



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Gnathopod 1 subchelate; propodus (article 6) not tapering (see Figs. 9 & 10).

Gnathopod 1 simple; propodus (article 6) triangular, tapering distally (Fig. 7B).  
*Aruga*

Epimeron 3 posterior margin sinous (Fig. 7A).

Epimeron 3 lower posterior margin quadrate (Fig. 8).

*Aruga holmesi* Barnard, 1955

*Aruga oculata* Holmes, 1963

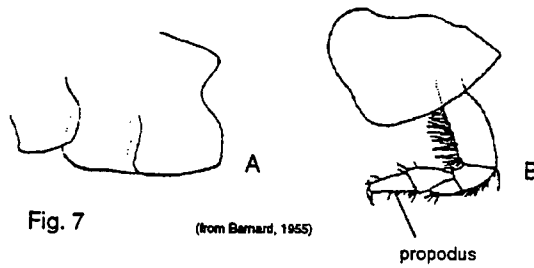
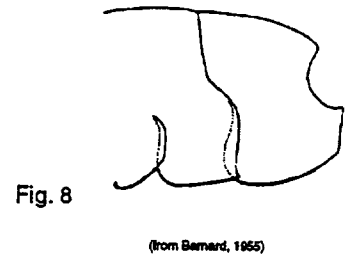


Fig. 7 (from Barnard, 1955)



Gnathopod 1 small (Fig. 9).



Gnathopod 1 large (Fig. 10).

*Rimakorogoa rima* Barnard, 1964

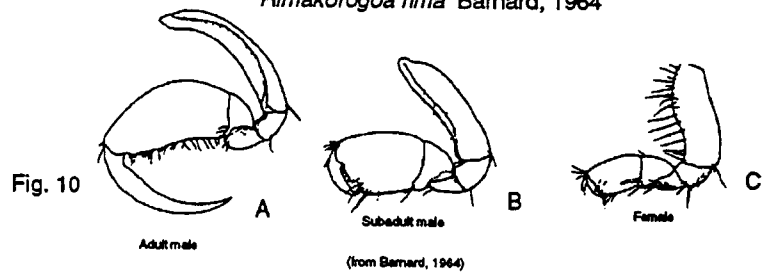
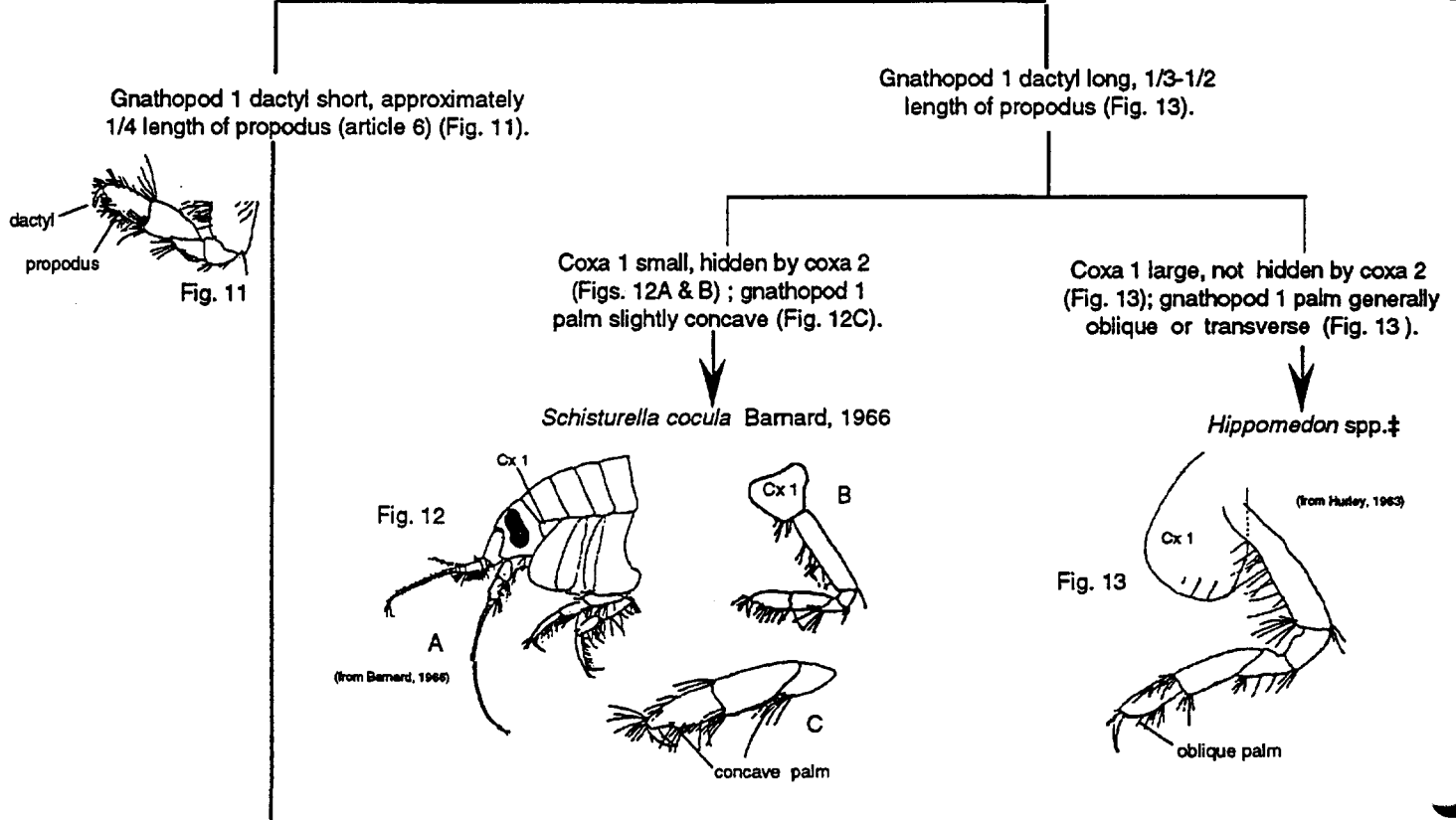


Fig. 10

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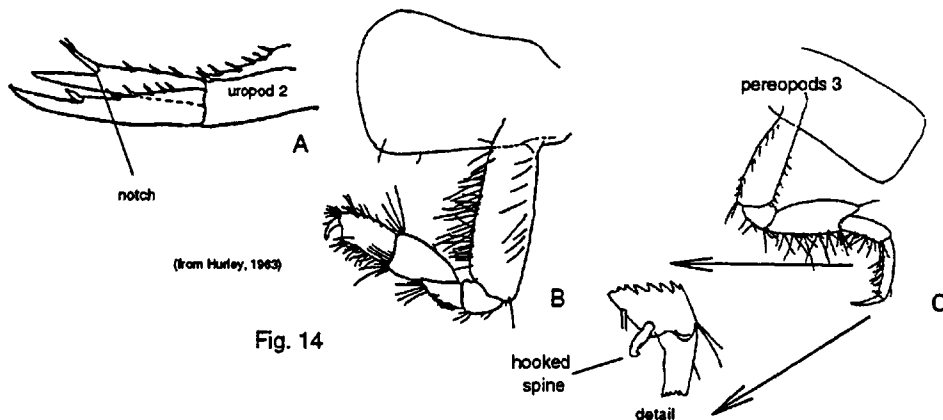
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Dorsal surface of inner ramus of uropod 2 without notch; pereopods 3 & 4 with or without hooked spines.\*  
*Orchomene*

Spine emerging from notch on the dorsal surface of inner ramus of uropod 2 (Fig. 14A); pereopods 3 & 4 with one hooked spine on posterior margin of propodus (article 6) (Fig. 14C).

*Anonyx lilljeborgi* Boeck, 1871



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‡ See Key to the North Pacific Species of Hippomedon

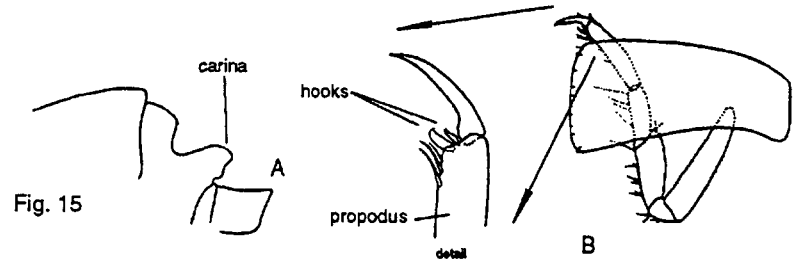
\* Hooks spines are present on *Lepidopcreum* sp. A and some species of *Orchomene*.

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Pleonal segments not produced into lamellar carina; hooked spines absent.

Pleonal segments produced into lamellar carina (Fig. 1 5A); pereopods 3 and 4 with 2 hooked spines on distal end of propodus (article 6) (Fig. 15B).

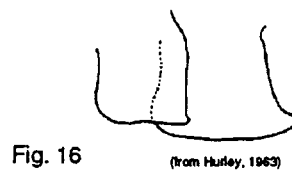
*Orchomene pacificus* (Gurjanova, 1938)



Epimeron without hook.

Epimeron 3 with hook on lower posterior corner (Fig. 16).

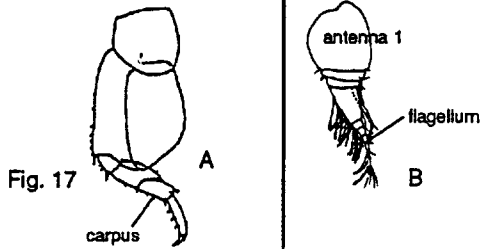
*Orchomene decipiens* (Hurley, 1963)



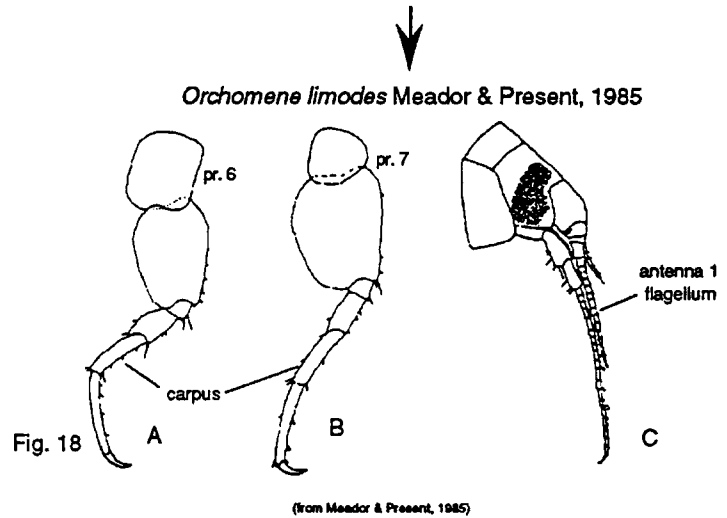
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Carpus (article 5) of pereopods 6 & 7 not elongated; (Fig. 17A) flagellum of antenna 1 with less than 11 articles (Fig. 17B).

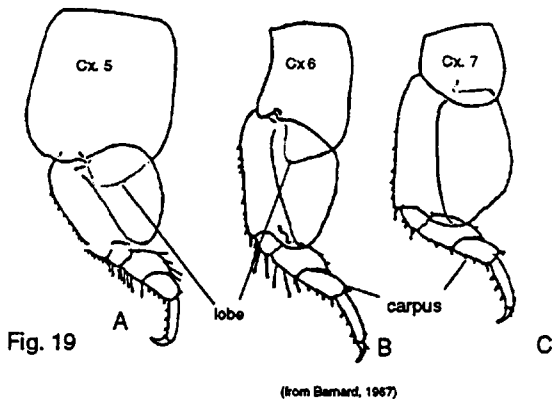


Carpus (article 5) of pereopods 6 & 7 elongated (Figs. 18A & B); flagellum of antenna 1 with 11-14 articles (Fig. 18C).



Coxae 5 & 6 with lobe on lower posterior corner (Fig. 19A & B).

*Orchomene pinguis* (Boeck, 1861)



Coxae 5 & 6 without lobe on lower posterior corner (Fig. 20A).

*Orchomene anaquelus* Barnard, 1964

