

REVISED KEY TO THE PANDALIDAE OF CALIFORNIA

Donald B. Cadien (CSDLAC) - 20 Mar 1998

(modified from Burukovskii 1974, Wicksten 1978, Butler 1980, and Hendrickx 1996)

1. Rostrum articulated to front of carapace *Pantomus affinis*
Rostrum not articulated, integral to carapace 2
2. Third maxilliped with an exopod *Plesionika* 3
Third maxilliped lacking exopod 6
3. Second legs markedly unequal in length *Plesionika mexicana*
Second legs equal or subequal in length 4
4. Rostrum with 2-8 small spines dorsally near it's base; ventral spines (if present) very small and restricted to the distal half of the rostrum *Plesionika sanctacatalinae*
Rostrum with 10-14 well developed spines dorsally, and 12-18 spines ventrally on the rostrum; ventral spines not restricted to distal half of rostrum 5
5. Carpus of second legs with 8-9 segments; median carapace teeth near rostral base fixed
..... *Plesionika beebei*
Carpus of second legs with 14-17 segments; 3 median carapace teeth at rostral base moveable
..... *Plesionika trispinus*
6. Discoid widening of inner margin of ischium of first leg prominent *Pandalopsis ampla*
No discoid widening of inner margin of ischium of first leg *Pandalus* 7
7. Carapace, abdomen and legs a uniform translucent pink; third abdominal somite with dorsal carina forming a lobe on posterior margin *Pandalus jordani*
Carapace or abdomen with white lines, spots or flecks, or if uniform pink, with yellow bands on legs; third abdominal somite not carinated dorsally 8
8. Carapace with white lines and abdomen with white spots OR legs with yellow bands; dorsal spines confined to anterior half of carapace 9
Carapace with scattered small black specks and minute red dots, abdomen with white lines dorsally and black lines laterally; dorsal spines extend to posterior half of carapace *Pandalus danae*
9. Carapace and abdomen uniform translucent pink, legs 3-5 pink with yellow bands; sixth abdominal somite length $\geq 2X$ width *Pandalus tridens*
Carapace red with white lines, white spots on 1st and 5th abdominal somites, legs red and white banded; sixth abdominal somite length $< 2X$ width *Pandalus platyceros*