

Key to the southern California species of *Bathymedon*

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1. Rostrum long, reaching more than half way along article 1 of antenna 1, and exceeding lateral cephalic lobe 2
- Rostrum small or absent 5
2. Eye present, small, yellowish; rostrum stout, nearly horizontal, anterior surface curving downward forming obtusely acute point..... *Bathymedon roquedo*
- Eye absent; rostrum slender tapering to an acute point 3
3. Gnathopod 2 with distinct lobe on article 5 extending well beyond posterior margin of article 6; telson truncate with two spines along posterior margin..... *Bathymedon caino*
- Gnathopod 2 with at most a small lobe which may barely extend beyond posterior margin of article 6; telson rounded (Fig 1) or truncate (Fig 2) but with only setae present, no spines 4
4. Gnathopod 2 with article 5 one-third longer than article 6; palm longer than hind margin of article 6; body densely covered with very minute, broadly triangular, ragged scales giving fuzzy appearance *Bathymedon vulpeculus*
- Gnathopod 2 with article 5 shorter than article 6; palm shorter than hind margin of article 6; body without scales..... *Bathymedon nepos*
5. Telson emarginate (Fig 3)..... *Bathymedon pumilus*
- Telson apically rounded (Fig 1) or truncate (Fig 2)..... 6
6. Telson rounded with setae and two stout spines; eye present but reduced *Bathymedon kassites*
- Telson rounded or truncate with setae only, without spines; eye absent 7
7. Gnathopod 1 and Gnathopod 2 generally similar in shape; epistome produced, conical 8
- Gnathopod 2 distinctly different from Gnathopod 1 in shape, overall size and presence/absence of lobes; epistome unproduced, rounded 9
- 8.* Coxa 1 markedly produced forward, distal margin about twice width of proximal margin; rostrum obsolete *Bathymedon covilhani*
- Coxa 1 not strongly produced forward, distal margin only one-and-a-half width of proximal margin; small rostrum present *Bathymedon candidus*
9. Coxa 4 distally emarginate; Gnathopod 2 article 5 stout (L:W ~ 2.66:1)..... *Bathymedon* sp A
- Coxa 4 distally flat or convex; Gnathopod 2 article 5 narrow (L:W ~3.5:1)..... *Bathymedon flebilis*



Fig 1



Fig 2



Fig 3

* *Bathymedon candidus* and *Bathymedon covilhani* may be the same; *B. candidus* was described from only females and *B. covilhani* was described from a male. Only minor differences separate the two.