KEY TO THE BODOTRIIDAE OF CALIFORNIA

Donald B Cadien, CSDLAC, 3 JUNE 1996

1. Exopods on only the first pair of pereopods ............................................. 2
Exopods on more than one pair of pereopods .................................................. 10

2. First three pedigerous segments fused with carapace cyclaspoides sp A
All five pedigerous segments free ................................................................. 3

3. Carapace with one or more teeth on the midline cyclaspis sp A
Carapace lacking teeth on the midline .......................................................... 4

4. Antennal sinus absent, both margins of uropodal peduncle setose in female ........ Cyclaspis sp D
Antennal sinus evident, peduncle of uropods lacking setae along both margins in female (but inner margin may be serrate) .......................................................... 5

5. Carapace smooth, without pits, surface ornament, or depressed areas in either sex cyclaspis sp B
Carapace strongly pitted & sculptured, with depression anteriodorsally in both sexes .. 6

6. Carapace bearing lateral ridge(s) extending from mid-dorsal carina towards the base of the carapace ................................................................. 7
Carapace lacking lateral ridge(s) extending down from the mid-dorsal carina ........ 9

7. Carapace bearing a single lateral ridge extending from the dorsal carina about 2/3 the distance to the carapace base which forms the posterior boundary of a complex anterior-dorsal sinus cyclaspis sp G♂
Carapace bearing two or more lateral ridges .............................................. 8

8. Mid-dorsal carina very strong on anterior half of carapace, weak on posterior half; two strong lateral ridges; carapace with stellate purple pigment spots ........ cyclaspis sp F ♂
Mid-dorsal carina moderately strong it's entire length; 3 delicate lateral ridges on carapace; only a few indistinct non-stellate pigment spots posteriodorsally on carapace, ................................................................. cyclaspis sp E ♀

9. Carapace with smooth trough-like depression extending obliquely back from the antennal sinus in both sexes cyclaspis sp C
Carapace lacking smooth trough-like depression behind the antennal sinus in both sexes, but
with anteriodorsal depression behind eyelobe .......... Cyclaspis "nubila" complex

10. Carapace lacking teeth or denticles dorsally ........................................ 11
Carapace with teeth or denticles dorsally .................................................. 12

11. Lateral margins of 3rd (♀) or 4th(♂) abdominal segment overlapping those of adjacent segments .................. Leptocuma forsmani
Lateral margins of 3rd or 4th abdominal segment not overlapping those of adjacent segments ........................................ Glyphocuma sp A (♂♂)

12. Pleonal segments ridged laterally ......................................................... Bathycuma longicaudata
Pleonal segments not ridged laterally ....................................................... 13

13. Dorsal teeth or denticles in two parallel rows flanking the midline of the carapace .......... 14
Dorsal teeth in a single row along midline ................................. Glyphocuma sp A (♀ and juv♂)

14. Dorsal tooth rows running the full length of the carapace .......... Vaunthompsonia pacifica
Dorsal tooth rows restricted to the anterior half of the carapace .... Vaunthompsonia sp A

Additional E.P. Records:

Cyclaspis sp H  nubila-like from Bubin Keio ♂
Cyclaspis sp I  ventriculote posterior of carapace Bubin Keio ♂
Leptocuma sp A forsmani slope head Bubin Keio (♂♂) ♂
Cyclaspis sp K  bituberculate big Bubin Keio ♂ may be bituberculate of D+
Cyclaspis sp L  ♂ 3 D. Donath Hernandez Bubin Keio ♂♀
Cyclaspis sp M  dorsal teeth short abdomen ♂♀ Bubin Keio (see sp A) ♂♀
Cyclaspis sp N  crispy bituberculate small Bubin Keio ♂♀
Cyclaspis sp O  small posterior tabele ♂ Bubin Keio

Cyclaspis conceptions Donath - Hernandez ♂♀