

A KEY TO THE LOCAL MILLIPEDES

by Joe Koebele Ellsworth

1. Body composed of 20 segments, with complete chitinous rings Order MEROCHETA 2
1. Body composed of 30 or more segments. 4
2. Repugnatorial pores lateral, located in small depressions on the thickened margins of the carinae; dorsal surface evenly convex, smooth. Family CHELODESMIDAE 2a
 - 2a. Color olive-chestnut, carinae with yellow areas and with posterior corners distinctly angled. Harpaghe intaminatus
2. Repugnatorial pores dorsal, margins of carinae not thickened; dorsal surface uneven with convex areas POLYDESMIDAE. 3
3. Back convex, dorsal plates smooth, lateral carinae not smooth. 3 spp. of Leptodesmus
3. Back flat, each segment ornamented with three rows of convex areas or three rows of well-developed tubercles; light cherry red; lateral margins of carinae rounded. Polydesmus cerasinus
4. Males with eight pairs of normal legs in front of the 4-5 jointed gonopods which are the posterior pair of seventh segment and the anterior part of the eighth segment; head and mouth parts reduced Order COLOBOGNATHA 5
4. Males with seven pairs of normal legs in front of seventh segment of which both pairs are simple gonopods; mouth parts well developed; body robust; legs short, entirely concealed by body from above; anal valves with prominent thickened margins SPIROBOLIDAE. 6
5. Dorsum usually hairy and tuberculate, lateral carinae flattened, eyes wanting ANDROGNATHIDAE
5. First segment wider than head; lateral carinae bent forward on either side, segments 56-66 Brachycybe rosea
6. Color walnut brown, length of males about 40 mm., width 5 to 5.5 mm., segments 4-46. Tylobolus aesus
6. Color dark, bright brown, length of body of either sex about 45 mm., width 5 mm., segments 50-53 Tylobolus uncigerus