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SCAMIT Code: HYP 70

SYNONYMY: Austrosignum tillerae Menzies & Barnard 1959  
Munnogonium waldronense George & Stromberg 1968

LITERATURE: Menzies & Barnard 1959, George & Stromberg 1968,  
Bowman & Schultz 1974, Hooker 1985.

DIAGNOSTIC CHARACTERISTICS:

1. Eyed, with eyes borne on peduncles and visible dorsally.
2. Pleotelson with unserrated lateral margins
3. Body rounded dorsally (as opposed to flat dorsally)
4. Mandible lacking palp
5. Antenna 1 and 2 subequal in length, antenna 1 with 4-5 flagellar articles.

RELATED SPECIES AND CHARACTER DIFFERENCES:

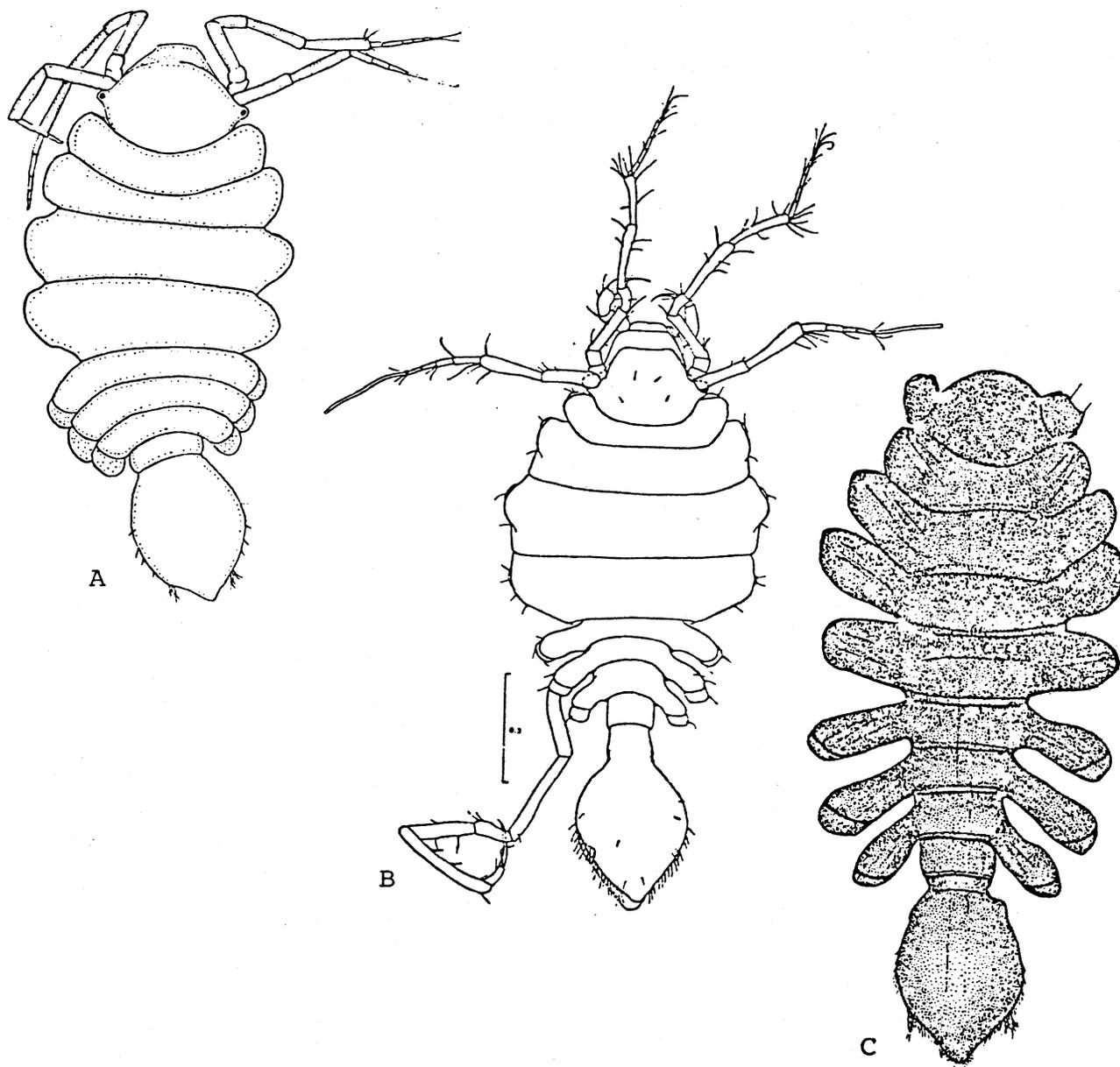
1. Can be distinguished from M. erratum Schultz 1974 (with difficulty) by degree of separation of the lateral extensions of the pereonites (more separated in erratum) and the position of the eyes (directed ventrally and not visible dorsally in erratum).
2. Distinguished from similar appearing Munna spp. by characters 4 and 5. Munna possess a mandibular palp and have antennae very unequal in length, with Antenna 1 less than or equal to the length of the Antenna 2 peduncle.
3. Distinguished from species of Pleurogonium in having eyes (character 1), and in having the body arched dorsally rather than flattened (character 3).

Comment: Distributed specimens matched the description of M. waldronense. In the original description of A. tillerae antenna 1 was described as having a tri-articulate flagellum. This is assumed to be an error.

The external features which separate M. tillerae and M. erratum are of dubious value. The type of M. tillerae needs to be reexamined to fill in gaps in the original description and clarify the reported differences in mouth parts between the two species. Note - in Hookers 1985 Key to the species of Munnogonium M. tillerae is keyed as having a serrate pleotelson: a characteristic specifically contradicted in the original descriptions of both M. tillerae and M. waldronense.

DEPTH RANGE: 20m - 200m (intertidal in the northern portion of the range).

DISTRIBUTION: British Columbia to the Coronado Submarine Canyon.



- A. M. tillerae (from Menzies & Barnard 1959)
- B. M. waldronense (from George & Stromberg 1968)
- C. M. erratum (from Schultz 1964)