

Microjassa bousfieldi

Diagnostic Characters:

Female & Juvenile:

G2, propodus, width about 55% of length.

G2, propodus, palm slightly sinuous or evenly convex, not marked by abrupt change of angle at position of defining spines.

Uropod 3, outer ramus terminating in 7-14 cusps, without basally immersed, dorsally recurved spine

Pereiopods 3 & 4, carpus 1/3 – 1/2 overlapped by merus

Uropod 1 with ventral peduncular spinous process

Large Male:

G1, palm convex.

G2, propodus, anterior margin without row of spine-like setae

G2, insertion into coxa at centre or distal to center; basis without spines, but may be minutely setose;

propodus, anterior margin bare or with long spine like setae, but without protuberance; palm concave; dactyl, posterior (inner) margin bearing few to many long plumose or simple setae, anterior (outer) margin with row of minute setae.

G2, propodus, palm with small tooth at dactyl hinge but without thumb

G1, basis not anterodistally spinose.

Uropod 3, outer ramus terminating in 7-14 cusps, without basally immersed, dorsally recurved spine

Coxa 2 without stridulation ridges

G2, carpus 1/4 or less length of propodus; propodus with thumb or change of angle to mark palm; defining spine minute, at tip of thumb or absent.

Pereiopods 3 and 4, carpus 1/3-1/2 overlapped by merus.

Uropod 1 with spinous process extending under rami from ventral surface of peduncle

G2 larger than and different in appearance from G1

Pereiopods 2-5 without brood plates

Illustration:

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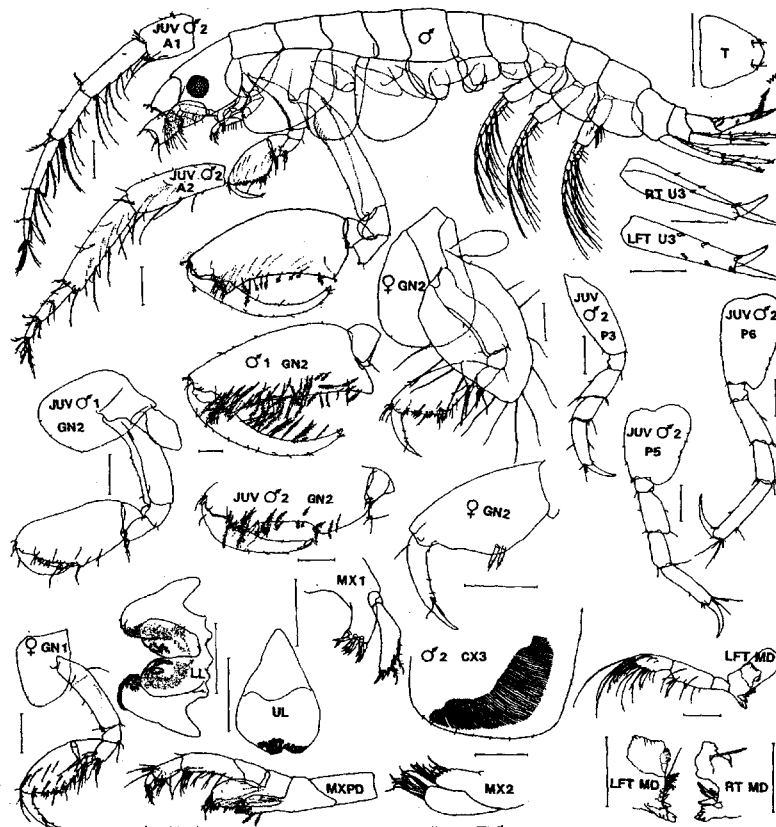


Figure 9. *Microjassa bousfieldi* n. sp. Male, holotype, 2.3 mm; juvenile male 1, paratype, 1.4 mm; adult female, allotype, 2.0 mm; off Purisima Point, California, Cruise 1-3, station R-4, replicate 1, May 1987. Male 1, paratype, 3.0 mm, and male 2, paratype, 2.6 mm, off Purisima Point, California, Camp 1-3, station R-5, replicate 1. Juvenile male 2, 1.8 mm, off Purisima Point, California, Camp 2-3, station R-4, replicate 1. Note fine crenulations on the medial face of the male 2's coxa 3. Lateral views: whole body, juvenile male 2 antenna 2, left uropod 3, mouthparts, and maxilla 1; other views medial. Appendages of the holotype unless indicated otherwise. Scale 0.1 mm.