

- Mouth-parts modified (lower lip with acute lobes, mandibles apically acute, maxilla 1 slender, lance-like). Sometimes a single statocyst but usually none.
2. Maxilliped has 3 or 4 segments 2
2. With single statocyst. Maxilliped palp has 3 segments *Leptanthura*
(one species, *L. chiltoni*)
- No statocyst 3
3. Maxilliped has 3 segments. Marine and freshwater *Paranthura*
Maxilliped has 2 segments. Freshwater *Cruregens*
(one species, *C. fontanus*)

KEY TO N.Z. SPECIES OF PARANTHURA

1. Telson ovate-lanceolate, apex narrowly rounded. Uropod inner ramus, inner margin straight, longer than broad; outer ramus broadly ovate, outer margin distally sinuous *Paranthura punctata*
- Telson narrow-elongate, apex sub-truncate, finely crenulate. Uropod inner ramus ovoid, about as broad as long, inner margin convex; outer narrow-elongate, outer margin crenulate *Paranthura flagellata*

KEY TO N.Z. SPECIES OF FAMILY LIMNORIIDAE

1. Wood-borer. Pleon, fifth segment has X-shaped keel in midline; pleotelson has pair of tubercles in midline, a second pair behind them; ant. 2 flagellum has 5 segments, mandibular palp has 3 *Limnoria (L.) quadripunctata*
- Algar-borers. Pleon and pleotelson sculpturing not as above 2
2. Pleon, fifth segment has median long keel apparently broken in middle; pleotelson has transverse ridge anteriorly with swollen tubercular areas each end, a short ridge trailing behind these areas; ant. 2 flagellum has 3-4 segments, mandibular palp has 2 *Limnoria (P.) segnis*
- Pleon, fifth segment and pleotelson have no ornamentation; ant. 2 flagellum has 4 segments, mandibular palp has 3 *Limnoria (P.) stephenseni*

KEY TO N.Z. GENERA OF FAMILY EURYDICIDAE (Fish-lice)

1. Frontal lamina (narrow plate between antennae) somewhat dilated anteriorly, visible in dorsal view between antennae; clypeus (broad plate below frontal lamina) has anterior projection (visible in side view) hiding (in ventral view) the base of the frontal lamina *Metacirolana*¹³
(one species, *M. japonica*)
- Not at above 2
2. Pleon segment 5 has free side margin. Peduncle of antenna 2 has only 4 distinct segments. Maxilliped, lobe of segment 2 without hooks. Uropod peduncle produced only slightly backwards so articulation between peduncle and inner branch short *Eurydice*
(one species, *E. subtruncata*)
- Pleon segment 5, side margins overlapped by those of segment 4. Peduncle of antenna 2 has at least 5 distinct movable segments. Maxilliped, lobe of segment 2 has 1 or more hooks. Uropod peduncle produced considerably backwards so articulation between peduncle and inner ramus is long 3
3. Maxilla 1, inner plate has 3 setae *Cirolana*
Maxilla 1, inner plate has 6 setae *Pseudaega*¹⁴
(one species, *P. punctata*)

KEY TO N.Z. SPECIES OF CIROLANA

1. Large, 40-60 mm. Two tubercles dorsally on each of segments 3 and 4 in male; 3rd abdominal segment