

KEY TO N.Z. SPECIES OF CILICAEA

- 1. Process on anterior segment of abdomen broadly truncated; apical sinus in male without central lobe *Cilicæa canaliculata*
- Process on anterior segment of abdomen rounded, not truncate; apical sinus in male has prominent central lobe *Cilicæa latreillei*

KEY TO GENERA OF GROUP EUBRANCHIATAE

- 1. Antenna 1, first segment expanded, protruding in front of head as large free plate *Amphoroidea*
(one species, *A. falcifer*)
- Antenna 1, first segment normal, not expanded in front of head as large free plate 2
- 2. Uropod a large single broad oval plate *Scutuloidea*
(one species, *S. maculata*)
- Uropod not a large single broad plate 3
- 3. Telson apex ending in two short acute teeth with notch between *Dynamenella*
(one species, *D. huttoni*)
- Telson, sides bent downwards and inwards to form a tube *Cymodocella*
(one species, *C. tubicauda*)

KEY TO GENERA OF GROUP PLATYBRANCHIATAE

- 1. Body flattened, disc-like; uropods present, biramous, marine *Cassidina*
(one species, *C. typha*)
- Body convex, capable of rolling into a ball; uropods absent, freshwater *Paravireia*
(one species, *P. typica*)

Tribe EPICARIDEA

KEY TO SPECIES OF EPICARIDEA

Only one species, *Athelges lacertosi*, has been recorded. See Pike, 1961.

Tribe PHREATOICOIDEA

KEY TO GENERA OF N.Z. PHREATOICOIDEA*

- 1. Spines below insertion of uropod ramus on to peduncle stout and simple 2
- Spine below insertion of uropod ramus toothed *Notamphisopus*
- 2. Apex of telson squarish in side view; bases of posterior legs moderately expanded; uropod rami without spines *Neophreaticus*
- Apex of telson cylindrical in side view; bases of posterior legs not expanded; uropod rami spined (one species, *N. assimilis*)
Phreaticus

KEY TO SPECIES OF PHREATOICUS

- 1. Gnathopod subtriangular, palm concave so considerable gap between palm and claw *Phreaticus typicus*
- Gnathopod subovate, palm sinuous with claw more or less close-fitting against it *Phreaticus orarii*

KEY TO SPECIES OF NOTAMPHISOPUS

- 1. Only one toothed spine below insertion of uropod rami 2
- Two-toothed spines below insertion of uropod rami 3

* The species of Phreaticoidea are separated by a complex of very small differences and the keys given are more of a guide to the literature than good, clear-cut diagnostic keys. They should therefore be used for final identification only in close association with Nicholls's papers (Nicholls, 1943, 1944).