Quick-guide to New Zealand Cladocera families, and genera with representatives in the plankton

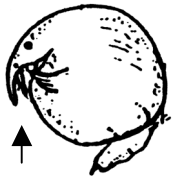
NIWA
Taihoro Nukurangi

Small hemispherical animals with long first antennae fused to head, resembling elephant tusks (paired)

YES → **Bosminidae** *Bosmina*

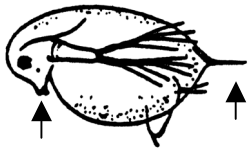
NO → Head prolonged in front to form a **pronounced** beak like rostrum (single)

YES → **Chydoridae**



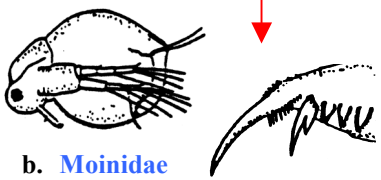
NO → Point or spine at posterio-ventral corner and/or small rostrum present

YES → **Daphniidae** Posterior spine present?

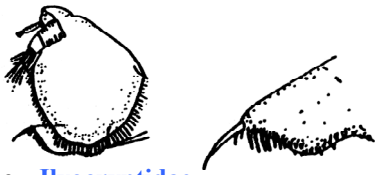


NO → Postabdomen (PA) either a, b or c

a. **Macrothricidae** PA without spine(s) behind claw

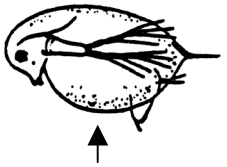


b. **Moinidae** Bifurcate tooth behind claw



c. **Ilyocryptidae** Morphology and PA as figured

YES → Ventral edge of the carapace curved

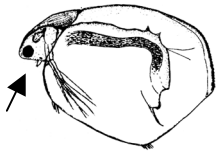


Daphnia

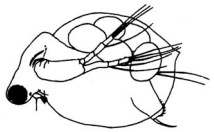
NO → *Scapholeberis*

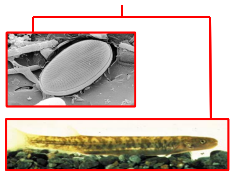
NO → Rostrum present?

YES → *Simocephalus*



NO → *Ceriodaphnia*





BIODIVERISTY OF FRESHWATER ORGANISMS