

# THE CATALOG TEXT

## Suborder NEMATOCERA Superfamily TANYDEROIDEA

### 1. Family TANYDERIDAE

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The family Tanyderidae includes 42 species in no less than 10 genera, most of which are regional endemics to the southwestern Nearctic Region (1 genus), southern South America (3 genera), southern Africa (1 genus), Australia (2 genera), and New Zealand (1 genus). Two genera have a larger distribution, *Protanyderus* (12 spp., Holarctic and northern Oriental regions) and *Radinoderus* (12 spp., Australia, Solomon Islands, Bougainville Island, New Guinea, and Maluku).

Immature stages of 4 genera are known, including the Australian *Eutanyderus* (Hinton 1966, Colless & McAlpine 1970), the larvae of which

occur in the outer layers of submerged, rotting logs in alpine streams. The habitat of the larvae of the nonregional genera *Peringueyomyia* Alexander, *Protoplasa* Osten Sacken, and *Protanyderus* Handlirsch is wet sandy soil at stream margins.

Adult males sometimes swarm in great numbers, especially in the evenings. During the day adults can be found hanging from riparian vegetation near the borders of streams.

*Refs.:* Alexander (1932a, Japanese spp.; 1938, key Australian spp.; 1981, rev. Nearctic spp.), Peus (1958, rev.), Williams (1933, rev.).

#### Genus EUTANYDERUS Alexander

**EUTANYDERUS** Alexander, 1928h: 371. Type species: *Eutanyderus wilsoni* Alexander, 1928, mon. *oreonympha* Alexander, 1938: 221. Australia (NSW). *wilsoni* Alexander, 1928h: 371. Australia (Vic).

#### Genus MISCHODERUS Handlirsch

**MISCHODERUS** Handlirsch, 1909: 270. Type species: *Tanyderus forcipatus* Osten Sacken, 1880, orig. des. *annuliferus* Hutton, 1900: 48 (*Tanyderus*). NZ (NZ). *forcipatus* Osten Sacken, 1880: 520 (*Tanyderus*). NZ (NZ). *marginatus* Edwards, 1923b: 625 (*Tanyderus*). NZ (NZ). *neptunus* Edwards, 1923a: 272 (*Tanyderus*). NZ (NZ). *varipes* Edwards, 1923a: 272 (*Tanyderus*). NZ (NZ).

#### Genus NOTHODERUS Alexander

**NOTHODERUS** Alexander, 1927i: 8. Type species: *Tanyderus australiensis* Alexander, 1922, mon. *australiensis* Alexander, 1922c: 226 (*Tanyderus*). Australia (Tas).

**Genus RADINODERUS Handlirsch**

**RADINODERUS** Handlirsch, 1909: 270. Type species: *Cylindrotoma ornatissima* Doleschall, 1858, orig. des.

**dorrigensis** Alexander, 1930*d*: 228. Australia (NSW).

**holwayi** Alexander, 1946: 51. Solomon Is.

**mirabilis** de Meijere, 1915*a*: vi [1915*c*: 51] (*Tanyderus*). PNG (PNG).

**occidentalis** Alexander, 1925*b*: 32 (*Tanyderus*). Australia (WA).

**ochroceratus** Colless, 1963*b*: 309. PNG (Bougainville I).

**oculatus** Riedel, 1921: 143 (*Tanyderus*). PNG (PNG).

**ornatissimus** Doleschall, 1858: 80 (*Cylindrotoma*). Indonesia (Maluku).

**pictipes** Alexander, 1946: 53. Indonesia (Irian Jaya).

**solomonis** Alexander, 1924*i*: 143 (*Tanyderus*). Solomon Is.

**supernumerarius** Alexander, 1953*b*: 97. Indonesia (Irian Jaya).

**terraereginae** Alexander, 1924*i*: 141 (*Tanyderus*). Australia (Qld).

**toxopei** Alexander, 1959*b*: 37. Indonesia (Irian Jaya).