



## **New species of *Nesocricos* and *Tanycricos* (Hemiptera: Heteroptera: Naucoridae: Cheirochelinae: Tanycricini) in the mountains of West Papua, Indonesian New Guinea**

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### **Abstract**

Two new species of Tanycricini are described from mountain streams of Indonesian New Guinea. Both species were collected at 1,348 m elevation from Inggings River in West Papua. *Nesocricos ingging* Sites **n.sp.** was represented by macropterous and submacropterous forms. *Tanycricos inequalis* Sites **n.sp.** was represented by macropterous and brachypterous forms. *Nesocricos evops* La Rivers is reported from the Baliem Valley of Indonesian New Guinea.

**Key words:** Insecta, Hemiptera, new species, distribution, Naucoridae, New Guinea, Indonesia

### **Introduction**

New Guinea harbors a rich and unique biota, including that of aquatic organisms. In the family Naucoridae, seven endemic genera in the subfamily Cheirochelinae, including the entire tribe Tanycricini with three inclusive genera, occur on the island (La Rivers 1971). Since La Rivers' (1971) treatment of the Naucoridae of New Guinea, many additional species have been described and most genera revised in a series of papers (e.g., see Polhemus 1999). Presented here are descriptions of new species in two genera of Tanycricini from a high elevation stream in the Vogelkop Peninsula of northwestern New Guinea. Also presented is a distribution record for *Nesocricos evops* La Rivers.

### **Materials and methods**

All specimens were collected using D-nets or a kick-screen, with the help of Indonesian colleagues and local collaborators. Some specimens were collected by hand. Photographs of many of the collection sites (identified as L-numbers) are available in a Locality Image Database via a link from the internet site of the Enns Entomology Museum, University of Missouri. Lengths and widths are given as a mean and range for paratypes, and all measurements are in mm. Length of the body is measured from the anterior margin of the head to the posterior margin of the abdomen. Abdominal segment numbers are expressed as Roman numerals. The primary types are deposited in the Enns Entomology Museum, University of Missouri .