

Descriptions of two new species of *Gyrocarisa* (Trichoptera: Petrothrincoidea) from Madagascar

TOBIAS MALM¹ & KJELL ARNE JOHANSON²

Swedish Museum of Natural History, Entomology Department, Box 50007, 104 05 Stockholm, Sweden

¹tobias.malm@nrm.se

²kjell.arne.johanson@nrm.se

ABSTRACT

Two new species of the Malagasy endemic genus *Gyrocarisa* (Trichoptera: Petrothrincoidea), *Gyrocarisa scottae*, new species, and *Gyrocarisa weaveri*, new species, are described and illustrated. A key to the males of the known species of *Gyrocarisa*, and additional records of *G. stenieri* Weaver and *G. acuta* Weaver are given.

Key words: Trichoptera, Petrothrincoidea, *Gyrocarisa*, *Gyrocarisa scottae*, *Gyrocarisa weaveri*, new species, new records

INTRODUCTION

The caddisfly family Petrothrincoidea Scott, 1985 includes the 2 recognized genera, *Petrothrincoidea* Barnard, 1934 from South Africa and *Gyrocarisa* Weaver, 1997 from Madagascar. The genus *Petrothrincoidea* was erected for the single species *Petrothrincoidea circularis* Barnard, 1934, and placed *incerta sedis* in Aequipalpia outside of existing families. The genus was classified in the Sericostomatidae *sensu lato* by Lestage (1936), and in the Helicopsychidae by Ulmer (1955). Later, Fischer (1964) catalogued it in the Molannidae. Scott (1985) erected the family Petrothrincoidea for this genus. Scott (1993) later described adult male, female and larvae of the family and its monotypic genus in proper detail. Weaver (1997) described a new genus, *Gyrocarisa* of Petrothrincoidea, to which he included 3 new species, *G. steineri* Weaver, *G. acuta* Weaver, and *G. concava* Weaver, all endemic to Madagascar.

In this paper, 2 new species of *Gyrocarisa*, *Gyrocarisa scottae* and *Gyrocarisa weaveri*, are described, both from Fianarantsoa Province, Madagascar.