



## First record of *Ancyronyx* Erichson (Coleoptera: Elmidae) from China, with description of a new species

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### Abstract

*Ancyronyx* Erichson is recorded from China for the first time and a new species, *Ancyronyx yunju* sp. nov., is described from Jiangxi Province, China.

**Key words:** Coleoptera, Elmidae, *Ancyronyx*, new species, China

### Introduction

The spider riffle beetle genus *Ancyronyx* Erichson, 1847 occurs in the Nearctic (*A. variegatus* Germar) and Oriental regions. Jäch (1994) reviewed the Oriental species of *Ancyronyx*, reporting five new species and one new subspecies. An additional ten new species have been described from the Oriental region (Jäch 2003, 2004; Freitag & Jäch 2007; Freitag & Balke 2011). Currently sixteen species and one subspecies have been described in *Ancyronyx*.

*Ancyronyx* has not previously been recorded from China. During a survey in Jiangxi Province in 2009, two specimens of *Ancyronyx* were collected. We considered it to be a new species. Another survey to the Yunju Mountains in Jiangxi Province was carried out in 2011, and more than fifty additional specimens were collected. The new species, *Ancyronyx yunju* sp. nov., is described below.

### Material and methods

Specimens were examined with an Olympus SZX16 stereomicroscope. Further details were studied under an Olympus BX51 compound microscope. Aedeagal illustrations were drawn with the aid of a drawing tube. Male genitalia were placed in concentrated lactic acid in an excavated slide for several hours before examination. Photos were made with an Olympus E-410 zoom digital camera mounted on an Olympus SZX16 dissecting scope. All specimens studied here were deposited in Institute of Applied Ecology, Shenyang, Chinese Academy of Sciences.

Abbreviations used in the text:

EL	Elytral length
EW	Elytral width
HW	Head width
ID	Interocular distance
MW	Maximum pronotal width
PL	Pronotal length