

## Some new genera of the *Oliarus* group from the Oriental Region (Homoptera: Cixiidae)

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New genera *Atretus* (type species *Oliarus horishanus* Mats.), *Arosinus* (type species *Oliarus velox* Mats.) and *Siniarus* (type species *Oliarus formosanus* Mats.) are established. Several species are transferred from *Oliarus* to these genera and to *Oteana* Hoch.

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In the last decades, the worldwide genus *Oliarus* Stål sensu lato was subdivided into more natural smaller genera according to the contemporary standards. Firstly, the structure of North Palaearctic components was revised (Emeljanov, 1971) with resurrection of the old genera *Pentastira* Kirschbaum, 1868 and *Pentastiridius* Kirschbaum, 1868 placed for about hundred years in synonymy with *Oliarus*. Afterwards, the African (Van Stalle, 1985, 1986a, 1986b, 1986c, 1987; Emeljanov, 1993), Indo-Malayan (Van Stalle, 1991; Emeljanov, 2001b) and Nearctic (Emeljanov, 2001a) faunas were revised. Recently, a generic revision has been undertaken for the faunas of Australia and Oceania (Löcker et al., 2006; Hoch, 2006). *Oliarus* properly in the present sense is distributed only in the Oriental (Indo-Malayan) Region and needs some further restriction. There are at least three groups of species, which deserve distinguishing as separate genera: the groups of *O. formosanus* Matsumura, *O. harishanus* Matsumura and *O. velox* Matsumura. The descriptions and figures of the male genitalia of these representatives were published by Tsaur et al. (1988) and Van Stalle (1991).

### Key to *Oliarus* s. str. and related new genera from the Oriental Region

- 1(2). Posteroventral margin of anal tube of male convex. Basal laterodorsal shelf of stylus usually well developed . . . . . ***Oliarus* s. str., *Oteana* Hoch**
- 2(1). Posteroventral margin of anal tube of male concave or deeply incised. Basal laterodorsal shelf of stylus usually weakly developed or indistinct.
- 3(4). Posteroventral margin of anal tube of male shallowly concave. Styles rod-shaped, without lateroapical dilatations. Trunk of phallosome strongly abbreviated, as wide as long. Spinulation of 1st and 2nd tarsomeres of hind legs 7/7. Oblique carinae of coryphe meet lateral carinae before their midlength . . . . . ***Atretus* gen. n.**

- 4(3). Posteroventral margin of anal tube of male with deep incision. Styles with well developed lateroapical dilatation. Phallosome elongate, normally developed. Spinulation of 1st and 2nd tarsomeres of hind legs 7/5. Oblique carinae of coryphe meet lateral carinae behind their midlength.
- 5(6). Posteromedial angle of stylus (heel) distinctly attenuated. Pygofer asymmetrical . . . ***Siniarus* gen. n.**
- 6(5). Posteromedial angle of stylus not attenuated, hind margin of stylus shallowly concave or straight. Pygofer symmetrical . . . . . ***Arosinus* gen. n.**

### New combinations:

Genus *Oteana* Hoch: *Oteana spinosa* (Bierman, 1910) (*Oliarus spinosus* Bierm.), *Oteana oryzae* (Matsumura, 1911) (*Oliarus oryzae* Mats.), *Oteana incisa* (Bierman, 1910) (*Oliarus incisus* Bierm.).

Genus *Atretus* gen. n. (type species *Oliarus horishanus* Matsumura, 1914). Included species (all transferred from *Oliarus*; new combinations): *A. harishanus* (Matsumura, 1914), *A. nigronervatus* (Fennah, 1966), *A. yangi* (Tsaur, 1989), *A. ryukyucola* (Van Stalle, 1991), *A. hsui* (Tsaur, 1990), *A. shiao* (Tsaur, 1990).

Genus *Arosinus* gen. n. (type species *Oliarus velox* Matsumura, 1914). Included species (all transferred from *Oliarus*; new combinations): *A. velox* (Matsumura, 1914), *A. hopponis* (Matsumura, 1914), *A. boninensis* (Matsumura, 1914).

Genus *Siniarus* gen. n. (type species *Oliarus formosanus* Matsumura, 1914). Included species (all transferred from *Oliarus*; new combinations): *S. formosanus* (Matsumura, 1914), *S. insetosus* (Jacobi, 1944), *S. scalenus* (Tsaur & Hsu, 1988), *S. okinawensis* (Van Stalle, 1991).

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