



## A new *Syngrapha* Hübner, [1821] from the Altai Mountain Country (Lepidoptera Noctuidae)

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The genus *Syngrapha* Hübner, [1821] includes about 40 species distributed throughout the Holarctic region, but with only 11 species and 16 subspecies described from Eurasia. Many *Syngrapha* inhabit the subarctic zone or high elevation mountains. The genus is close to *Autographa* but differs from it in a variety of male and female genitalic characteristics (see revision of Eurasian fauna by Ronkay & al. 2008). In the course of faunistic studies on Noctuidae of the Altai Mountain Country, an undescribed species of *Syngrapha* was identified among specimens at the Zoological Museum of the Institute of Systematics & Ecology of Animals Siberian Branch of RAS (SZMN; Novosibirsk, Russia) and at the Zoological Institute of the Russian Academy of Sciences (ZISP; Saint-Petersburg, Russia). It is described herein as new. We use the term Altai Mountain Country (Fig. 1) in the geo-botanical sense of Kamelin (1998, 2005) to include: the Russian, Kazakhstani, Chinese and Mongolian Altai; the mountains of Boundary Dzhungaria (Tarbagatai and branches, Manrak, Semistai and Saur); the Zaisan intermountain depression; the mountains of SW Tyva and the main part of the Western Sayan ridges adjacent to the meridional Shapshal Ridge, north to the Abakan Ridge; east to the Yenisey river; and south to the Baitak-Bogdo Ridge and nearby highlands together with the mountains enclosing the depression of the “Dzhungarian Gobi” and the Adzh-Bogd-uul Ridge. The Altai Mountain Country does not include the Kuznetzky Alatau, the steppe depressions of Khakassia and Western Tyva, the Mongolian Big Lakes depression and the Khan-Khuhay Ridge, or the Gobian Altai massif (Kamelin 2005).

### Subfamily Plusiinae

### Genus *Syngrapha* Hübner, [1821]

*Syngrapha* Hübner, [1821], *Verzeichniss bekannter Schmetterlinge*: 250 (Type-species: *Noctua devergens* Hübner, [1813]. Type-locality: [Europe])

Synonymy: *Caloplusia* Smith, 1884; *Palaeographa* Klyuchko, 1983; *Diasyngrapha* Beck, 1991; *Microsyngrapha* Beck, 1991; *Parsyngrapha* Beck, 1991; *Aingrapha* Beck, 1991.

### *Syngrapha venustula* Volynkin & Matov, sp.n.

(Figs. 3–5, 11–14, 19–20, 27)

**Material examined.** Holotype: male, [Russia, Tyva Republic], 27.vii.[19]75, W. Sayan [Sajlyg Ridge], Sayansky pass, [51°42'6" N, 89°53'6" E], 2300 m, leg. Yu. Korshunov / "*Caloplusia devergens* Hub., G. Zolotareno [det.]" [Coll. SZMN], prep. A. Volynkin; paratypes: 1 male, 2 females, with the same data as holotype, prep. A. Volynkin (female) [Coll. SZMN]; 1 male, [Russia, Altai Rep.], Altai, E. Katunsky Ridge, left side of Koksuy river downstream, in Argut (Dirantai) river headwater, 20.vii.1988, leg. O. Kosterin, prep. A. Volynkin [Coll. SZMN]; 1 male, 1 female, [? NW China], Tarbagatai, Saur, Mustau riv., Ul'kun-Ulasty, near glacier, 13.vi.1904, Coll. Tshetverikov, slide 0259 Matov (male) [Coll. ZISP]; 2 males, [E.-Kazakhstan], Uidene and Chagan-Obo watershed, Tarbagatai, Saur, 4.vii.1904, Coll. Tshetverikov, slide AV0004 Volynkin [Coll. ZISP]; 33 males, 26 females, [E.-Kazakhstan], Upper reach of Uidene river., Tarbagatai, Saur, 3.vii.1904, slide AV0005 Volynkin (female) [Coll. ZISP]. All labels are in Russian.