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A NEW SYNONYMY OF *HEDYCHRIDIUM ROSSICUM* GUSSAKOVSKIJ, 1948 = *H. VALESIENSE* LINSENMAIER, 1959, SYN. N. (HYMENOPTERA: CHRYSIDIDAE)

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Summary. A new synonymy is proposed for *Hedychridium rossicum* Gussakovskij, 1948 = *H. valesiense* Linsenmaier, 1959, **syn. n.** The lectotype of *H. rossicum* is designated.

Key words: Hymenoptera, cuckoo wasps, new synonymy, lectotype, Palearctic region.

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Резюме. Предложена новая синонимия: *Hedychridium rossicum* Gussakovskij, 1948 = *H. valesiense* Linsenmaier, 1959, **syn. n.** Выделен лектотип *H. rossicum*.

INTRODUCTION

The history of the name *Hedychridium rossicum* is rather complicate. Gussakovskij published this name in the key only (Gussakovskij, 1948). Semenov-Tian-Shanskij never described *H. rossicum* (Rosa *et al.*, 2017), but labelled some specimens in his collection as types of *H. rossicum*. Very likely Gussakovskij considered this species already described and Semenov its author. The year of description of *H. rossicum* remained unknown till today. Recently we re-discovered the description of *Hedychridium rossicum* Gussakovskij, 1948 and the types series housed at the Zoological Institute of Saint Petersburg, Russia [ZIN] and in Linsenmaier's collection (Natur-Museum Luzern, Switzerland [NMLS]).

***Hedychridium rossicum* Gussakovskij, 1948**

Hedychridium rossicum Semenov in Gussakovskij, 1948: 731, type locality: Centre of European part of the USSR [Moscow and related Provinces], lectotype – ♂, designated here, Russia: Yaroslavl' Province [ZIN]; Plavil'shchikov, 1950: 399; Levi *et al.*, 1974: 266; Mamaev *et al.*, 1976: 238; Blagoveschenskaya, 1990: 7; 1994: 84.

Hedychridium valesiense Linsenmaier, 1959: 62, ♂ ♀, holotype – ♂, Switzerland: Wallis [NMLS] (examined), **syn. n.**

Euchrum rossicum: Nikol'skaya, 1978: 66 (as synonym of *E. valesiense* Linsenmaier, 1959).



Fig. 1. *Hedychridium rossicum* Gussakovskij, 1948. A–D – lectotype ♂: A – habitus, lateral view; B – head, dorsal view; C – head, frontal view; D – metasoma, dorsal view; E – paralectotype ♂, habitus, dorsal view. Scale bar = 1.0 mm.

TYPE MATERIAL. Lectotype of *Hedychridium rossicum* (designated here): ♂, **Russia:** Бердицыно, Яросл[авского] у[езда], [Yaroslavl' Prov., Berditsino, 57.454N, 40.108E,] 10.VII.[18]92, А. Яковлев [A. Yakovlev] // *Euchrum rossicum* m[ihi], Typ. ♀ [actually ♂], A. Semenov-Tian-Shansky det. IX.[19]18 // Holotypus [ZIN] (Fig. 1A–D). Paralectotype of *H. rossicum*, ♂ (Fig. 1E), Russia: Бердицыно, Яросл[авского] у[езда], [Yaroslavl' Prov., Berditsino, 57.454N, 40.108E,] 19.VII.[18]92, А. Яковлев [A. Yakovlev] // *Euchrum rossicum* Sem. // Paratypus // *Hedychridium* Ab. *valesiense* Lins., ♂ Linsenmaier det. 1965 // *rossicum* wurde nicht publiziert [was not published] // *Hedychridium* ♂ *valesiense valesiense* Lins. det. W. Arens 2006 [NMLS].

DISTRIBUTION. France, Italy, Greece, Switzerland, Austria, Germany, Poland, Hungary, Czech Republic, Moldova, Russia: European part (Centre, East, South, North Caucasus, Crimea), Ural (Orenburg Province, Sverdlovsk Province).

HOST. *Astata boops* (Schrank).

CONCLUSION

Type specimens of *Hedychridium rossicum* Gussakovskij and *H. valesiense* Linsenmaier have been checked by Linsenmaier & Arens (2010) and Rosa (Rosa *et al.*, 2017). Since the two proved conspecific, *H. valesiense* Linsenmaier, 1959 is a junior subjective synonym of *H. rossicum* Gussakovskij, 1948. The name *valesiense* is currently used, yet not largely enough to conserve it because in prevailing usage.

Since *H. rossicum* was described without a holotype designation, we herewith designate as lectotype the specimen labeled as holotype at ZIN (Fig. 1A–D).

Gussakovskij (1948) is the author of *H. rossicum*, not Semenov, as wrongly stated by Gussakovskij himself, followed by Plavil'shchikov (1950), Levi *et al.* (1974), Nikol'skaya (1978) and Blagoveschenskaya (1990, 1994).

The distribution of *H. rossicum* is still poorly known, females having been confused with *H. roseum* (Rossi, 1790) and males with *H. sculpturatum* (Abeille de Perrin, 1877). Only recently Rosa (2003) and Arens (2004) found several species to have metasoma metallic red in males and non-metallic ferruginous in females. *Hedychridium roseum* and *sculpturatum* species groups have therefore been merged. Arens (2010) provided a first revision of the species in the Eastern Mediterranean area.

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