

Three junior synonyms of jumping spider genera (Araneae: Salticidae)

Три новых синонима среди родов пауков-скакунчиков (Araneae: Salticidae)

Theo Blick^{1,2}, Yuri M. Marusik^{3,4}
Т. Блик, Ю.М. Марусик

¹ Hummeltal, Germany. E-mail: info@theoblick.de

² World Spider Catalog, Natural History Museum Bern, Switzerland

³ Institute for Biological Problems of the North, Magadan, 685000 Russia. E-mail: yurmar@mail.ru

⁴ Zoology & Entomology, University of the Free State, Bloemfontein, South Africa.

³ Институт биологических проблем Севера ДВО РАН, ул. Портовая 18, Магадан 685000 Россия.

KEY WORDS: *Calositticus*, *Colopsus*, *Evacin*, *Hypositticus*, *Sitticus*, *Sittiflor*, *Sittipub*.

КЛЮЧЕВЫЕ СЛОВА: *Calositticus*, *Colopsus*, *Evacin*, *Hypositticus*, *Sitticus*, *Sittiflor*, *Sittipub*.

ABSTRACT. Three generic names recently described by J. Prószyński were found to be junior synonyms, either objective (*Sittipub* Prószyński, 2016 = *Hypositticus* Lohmander, 1944) or subjective (*Sittiflor* Prószyński, 2017 = *Calositticus* Lohmander, 1944 and *Evacin* Prószyński, 2018 = *Colopsus* Simon, 1902). Two earlier subgenera of *Sitticus* Simon, 1901, *Calositticus* Lohmander, 1944 and *Hypositticus* Lohmander, 1944, are elevated to genus rank.

How to cite this article: Blick Th., Marusik Yu.M. 2018. Three junior synonyms of jumping spider genera (Araneae: Salticidae) // Arthropoda Selecta. Vol.27. No.3. P.237–238. doi: 10.15298/arthsel. 27.3.07

РЕЗЮМЕ. Синонимизированы три родовых названия недавно предложенных J. Prószyński. Одно название является объективным синонимом (*Sittipub* Prószyński, 2016 = *Hypositticus* Lohmander, 1944), а два названия — субъективные синонимы (*Sittiflor* Prószyński, 2017 = *Calositticus* Lohmander, 1944 и *Evacin* Prószyński, 2018 = *Colopsus* Simon, 1902). Ранг двух таксонов, считавшихся под родами *Sitticus* Simon, 1901, повышен до родового уровня: *Calositticus* Lohmander, 1944 и *Hypositticus* Lohmander, 1944.

Introduction

In the last decade the spider family Salticidae was subject to several revisions dealing with classification at the subfamily and tribe levels [e.g., Maddison, 2015; Maddison *et al.*, 2017], and Prószyński [2016, 2017, 2018] proposed an extensive splitting of several species-rich genera (e.g., *Evarcha* Simon, 1902, *Myrmarachne* MacLeay, 1839, *Sitticus* Simon, 1901, *Yllenus* Simon, 1868). The descriptions of the new genera were

not of a good standard [cf. Kropf *et al.*, 2018]. While studying these newly erected genera, we found at least three of them to be either subjective or objective junior synonyms:

Survey of taxa

Calositticus Lohmander, 1944, stat.n.

Calositticus Lohmander, 1944: 5 (type *Attus caricis* Westring, 1861; as a subgenus of *Sitticus* Simon, 1901).

Sittiflor Prószyński, 2017: 43 (type *Euophrys floricola* C.L. Koch, 1837), **syn.n.**

COMMENT. *Calositticus* was described as a monotypic subgenus of *Sitticus*. *Sittiflor* was described to accommodate the species of the *Sitticus floricola* group containing 13 species [WSC, 2018]. *Sitticus caricis* belongs to this group and was included by Prószyński [2017] in *Sittiflor*. Therefore, *Sittiflor* is a subjective junior synonym of *Calositticus*.

Colopsus Simon, 1902

Colopsus Simon, 1902: 409 (type *Colopsus cancellatus* Simon, 1902).

Evacin Prószyński, 2018: 141 (type *Evarcha kochi* Simon, 1902), **syn.n.**

COMMENT. *Colopsus* was described as a monotypic genus and was synonymized with *Evarcha* by Prószyński [1984: 51]. Prószyński [2018] placed *Evarcha cancellata* in his new genus *Evacin* encompassing 21 species [Prószyński, 2018], hence *Evacin* is a subjective junior synonym of *Colopsus*.

Hypositticus Lohmander, 1944 **stat.n.**

Hypositticus Lohmander, 1944: 5 (type *Aranea pubescens* Fabricius, 1775; as a subgenus of *Sitticus* Simon, 1901).

Sittipub Prószyński, 2016: 27 (type *Aranea pubescens* Fabricius, 1775), **syn.n.**

COMMENT. *Hypositticus* was described as a monotypic subgenus of *Sitticus*. *Sittipub* was described to

accommodate two species, *Sitticus pubescens* and *S. relictarius* Logunov, 1998. Both genera have the same type species, therefore they are objective synonyms.

Acknowledgements

Our thanks go to Rainer Breitling for confirming the synonymies with Lohmander's subgenera, to Jason Dunlop for a linguistic check of an earlier version of the text and finally to the anonymous reviewers.

References

- Kropf C., Blick T., Brescovit A.D., Chatzaki M., Duperré N., Gloor D., Haddad C.R., Harvey M.S., Jäger P., Marusik Yu.M., Ono H., Rheims C.A., Nentwig W. 2018 (submitted). How not to delimit taxa: a critique on a recently proposed "pragmatic classification" of jumping spiders (Arthropoda: Arachnida: Araneae: Salticidae) // *Zootaxa*.
- Lohmander H. 1944. Vorläufige Spinnennotizen // *Arkiv för Zoologi*. Vol.35. Ser.A. Nr.16. S.1–21.
- Maddison W.P. 2015. A phylogenetic classification of jumping spiders (Araneae: Salticidae) // *Journal of Arachnology*. Vol.43. No.2. P.231–292.
- Maddison W.P., Evans S.C., Hamilton C.A., Bond J.E., Lemmon A.R., Lemmon E.M. 2017. A genome-wide phylogeny of jumping spiders (Araneae, Salticidae), using anchored hybrid enrichment // *ZooKeys*. Vol.695. P.89–101.
- Prószyński J. 1984. Atlas rysunków diagnostycznych mniej znanych Salticidae (Araneae), 2. Siedlce: Wyższa Szkoła Rolniczo-Pedagogiczna. 177 pp.
- Prószyński J. 2016. Delimitation and description of 19 new genera, a subgenus and a species of Salticidae (Araneae) of the world // *Ecologica Montenegrina*. Vol.7. P.4–32.
- Prószyński J. 2017. Revision of the genus *Sitticus* Simon, 1901 s. l. (Araneae: Salticidae) // *Ecologica Montenegrina*. Vol.10. P.35–50.
- Prószyński J. 2018. Review of genera *Evarcha* and *Nigorella*, with comments on *Emertonius*, *Padilothorax* [sic], *Stagetillus*, and description of five new genera and two new species (Araneae: Salticidae) // *Ecologica Montenegrina*. Vol.16. P.130–179.
- Simon E. 1902. Descriptions d'espèces nouvelles de la famille des Salticidae (suite) // *Annales de la Société Entomologique de France*. T.71. P.389–421.
- WSC 2018. World Spider Catalog. Version 19.5. Available from: <http://wsc.nmbe.ch> (accessed 8.08.2018)

Responsible editor S. Koponen