

## Species names homonymy in the ladybirds (Coleoptera: Coccinellidae). II

### Омонимия видовых названий в семействе божьи коровки (Coleoptera: Coccinellidae). II

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КЛЮЧЕВЫЕ СЛОВА: Coleoptera, Coccinellidae, божьи коровки, номенклатура, *Exochomus*, *Zenoria*, *Scymnus*.

ABSTRACT. The species names *Exochomus minutus* Gordon, 1974, *Zenoria peruviana* Gordon, 1972, *Scymnus simulans* Gordon, 1976, *Scymnus triangularis* Gordon, 2001, *Scymnus hamatus* Gordon, 2001, *Scymnus klapperichi* Pang et Gordon, 1986, *Scymnus dubius* (Weise, 1929) and *Scymnus brunneus* (Fürsch, 1997) have proved to be preoccupied. In present contribution the new replacement names for the above mentioned species-group taxa are established: *Exochomus oaxacus* **nom.nov.** — for the junior homonym *Exochomus minutus* Gordon, 1974 (non Kraatz, 1873); *Zenoria gordonii* **nom.nov.** — for *Zenoria peruviana* Gordon, 1972 (non Kirsch, 1876); *Scymnus onagus* **nom.nov.** — for *Scymnus simulans* Gordon, 1976 (non Mader, 1950); *Scymnus pesenkoi* **nom.nov.** — for *Scymnus triangularis* Gordon, 2001 (non Lea, 1902); *Scymnus rohdendorfi* **nom.nov.** — for *Scymnus hamatus* Gordon, 2001 (non Weise, 1895); *Scymnus filippovi* **nom.nov.** — for *Scymnus klapperichi* Pang et Gordon, 1986 (non Mader, 1955); *Scymnus zhidkovi* **nom.nov.** — for *Scymnus dubius* (Weise, 1929) (non Jordan, 1894); *Scymnus linnei* **nom.nov.** — for *Scymnus brunneus* (Fürsch, 1997) (non Gorham, 1884).

РЕЗЮМЕ. Видовые названия *Exochomus minutus* Gordon, 1974, *Zenoria peruviana* Gordon, 1972, *Scymnus simulans* Gordon, 1976, *Scymnus triangularis* Gordon, 2001, *Scymnus hamatus* Gordon, 2001, *Scymnus klapperichi* Pang et Gordon, 1986, *Scymnus dubius* (Weise, 1929) и *Scymnus brunneus* (Fürsch, 1997) оказались преокупированными. В настоящей работе устанавливаются новые замещающие названия для указанных таксонов видовой группы: *Exochomus oaxacus* **nom.nov.** — для младшего омонима *Exochomus minutus* Gordon, 1974 (non Kraatz, 1873); *Zenoria gordonii* **nom.nov.** — для *Zenoria peruviana* Gordon, 1972 (non Kirsch, 1876); *Scymnus onagus* **nom.nov.** — для *Scymnus simulans* Gordon, 1976 (non Mader, 1950); *Scymnus pesenkoi* **nom.nov.** — для *Scymnus triangularis* Gordon,

2001 (non Lea, 1902); *Scymnus rohdendorfi* **nom.nov.** — для *Scymnus hamatus* Gordon, 2001 (non Weise, 1895); *Scymnus filippovi* **nom.nov.** — для *Scymnus klapperichi* Pang et Gordon, 1986 (non Mader, 1955); *Scymnus zhidkovi* **nom.nov.** — для *Scymnus dubius* (Weise, 1929) (non Jordan, 1894); *Scymnus linnei* **nom.nov.** — для *Scymnus brunneus* (Fürsch, 1997) (non Gorham, 1884).

As a result of Coccinellidae family species names nomenclature studying it became possible to find out the previously overlooked primary homonymy in six cases. According to the International Code of Zoological Nomenclature [1999, articles 52, 53.3, 57, 60], six new names are proposed for the junior primary homonyms without available synonyms.

#### Tribe Chilocorini

*Exochomus (Exochomus) oaxacus*  
Ukrainsky, **nom.nov.**

*Exochomus (Exochomus) minutus* Gordon, 1974: 5, **nom.preocc.** (non *Exochomus minutus* Kraatz, 1873: 195)

ETYMOLOGY. The species is named after its type locality, Oaxaca in Mexico.

#### Tribe Ortaliini

*Zenoria gordonii* Ukrainsky, **nom.nov.**

*Zenoria peruviana* Gordon, 1972: 441, **nom.preocc.** (non *Zenoria peruviana* Kirsch, 1876: 125)  
*Zenoria peruviana*: Almeida, 1995: 328

ETYMOLOGY. The species is named in honour of the famous American ladybird specialist Robert Donald Gordon, the original species name author.

#### Tribe Scymnini

*Scymnus (Pullus) onagus* Ukrainsky, **nom.nov.**

*Scymnus (Pullus) simulans* Gordon, 1976: 214, **nom.preocc.** (non *Scymnus simulans* Mader, 1950: 53)

ETYMOLOGY. The species is named after its type locality, Onaga in Kansas.

*Scymnus (Pullus) pesenkoi* Ukrainsky, **nom.nov.**

*Scymnus (Pullus) triangularis* Gordon, 2001: 71, **nom.preocc.**  
(non *Scymnus triangularis* Lea, 1902: 501)

ETYMOLOGY. The species is named in honour of Yuriy Andreyevich Pesenko (1944–2007), the famous Russian specialist in the biological systematics theory.

*Scymnus (Pullus) rohdendorfi* Ukrainsky, **nom.nov.**

*Scymnus (Pullus) hamatus* Gordon, 2001: 75, **nom.preocc.**  
(non *Scymnus (Diomus) hamatus* Weise, 1895: 145)

ETYMOLOGY. The species is named in honour of the famous Soviet palaeoentomologist Boris Borisovich Rohdendorf (1904–1977).

*Scymnus (Pullus) filippovi* Ukrainsky, **nom.nov.**

*Scymnus (Pullus) klapperichi* Pang et Gordon, 1986: 174, **nom.preocc.**

(non *Scymnus (Nephus) klapperichi* Mader, 1955: 73)

*Scymnus klapperichi*: Hua Li-Zhong, 2002: 124

ETYMOLOGY. The species is named in honour of the famous Soviet ladybird collector Nicolay Nicolaevich Filipov (1895–1972).

Two previously overlooked cases of secondary homonymy were revealed. According to the International Code of Zoological Nomenclature [1999, articles 52, 53.3, 57.3, 59, 60], one new name is proposed for the junior secondary homonym without available synonyms and one more new name is introduced for the junior secondary homonym, the only synonym of which has already been preoccupied and because of that could not be valid.

*Scymnus (Pullus) zhidkovi* Ukrainsky, **nom.nov.**

*Scymnus (Pullus) dubius* (Weise, 1929), **nom.preocc.**

(non *Scymnus dubius* Jordan, 1894: 124, 133)

*Pullus dubius* Weise, 1929: 33

*Scymnus ferrugineus* Gorham, 1897: 227

(non *Scymnus (Diomus) ferrugineus* Weise, 1895: 146)

*Pullus ferrugineus*: Weise, 1904: 363

*Scymnus (Pullus) dubius*: Korschefsky, 1931: 158

*Scymnus (Pullus) dubius*: Maes, 1989: 89

ETYMOLOGY. The species is named in honour of Vladimir Aleksandrovich Zhidkov, my school teacher in the field of geography.

*Scymnus (Scymnus) linnei* Ukrainsky, **nom.nov.**

*Scymnus (Scymnus) brunneus* (Fürsch, 1997), **nom.preocc.**

(non *Scymnus brunneus* Gorham, 1884: 127)

*Scymnus (Scymnus) brunneus*: Fürsch, 2001: 91

*Pseudoscymnus brunneus* Fürsch, 1997: 20

ETYMOLOGY. The species is named in honour of Carl von Linné due to whom the secondary homonymy became possible.

## References

Almeida Lúcia Massutti de 1995. A new species of *Zenoria* Mulsant from Brazil (Coleoptera: Coccinellidae) // Journal of the New York Entomological Society. Vol.103. P.324–328.

- Fürsch H. 1997. Coccinellidae (Coleoptera) aus Rwanda // Bonner Zoologische Beiträge. Bd.47. Hf.1–2. S.13–29.
- Fürsch H. 2001. Zur Coccinelliden-Fauna der Wälder in Zentral- und Ostafrika, mit Beschreibungen neuer Arten (Coleoptera, Coccinellidae) // Entomologische Zeitschrift. Bd.111. Hf.3–4. S.90–94, 98–107.
- Gordon R.D. 1972. Additional notes on the taxonomy of the genus *Zenoria* (Coleoptera: Coccinellidae). // Proceedings of the Entomological Society of Washington. Vol.74. No.4. P.433–442.
- Gordon R.D. 1974. Notes on North American species of Chilocorini (Coleoptera: Coccinellidae) with descriptions of two new species of *Exochomus* from Mexico // The Coleopterists Bulletin. Vol.28. No.1. P.1–6.
- Gordon R.D. 1976. The Scymnini (Coleoptera: Coccinellidae) of the United States and Canada: key to the genera and revision of *Scymnus*, *Nephus* and *Diomus* // Bulletin of the Buffalo Society of Natural Sciences. Vol.28. P.1–362.
- Gordon R.D. 2001. South American Coccinellidae (Coleoptera). Part VII: a systematic revision of South American *Scymnus (Pullus)* Mulsant (Scymninae: Scymnini) // Frustula Entomologica. 23 36. P.56–108.
- Gorham H.S. 1884. Three new species of *Scymnus* from Sumatra. // Notes from the Leyden Museum. Vol.6. No.2. P.126–127.
- Gorham H.S. 1897. Insecta, Coleoptera: Coccinellidae. Biologia Centrali-Americana. Vol.7. P.217–240.
- Hua Li-zhong 2002. List of Chinese Insects. Vol.II. Guangzhou. P.112–126.
- International Code of Zoological Nomenclature 1999. 4rd ed., International Commission on Zoological Nomenclature, London.
- Jordan K. 1894. New species of the genus *Scymnus* Kugel. from the East and New-Guinea // Novit. zool. Vol.1. No.1. P.122–138.
- Kirsch T.F.W. 1876. Beiträge zur kenntniss der Peruanischen käferfauna auf Dr. Abendroth's sammlungen basirt. (Sechstes Stück) // Berliner Entomologische Zeitschrift. Bd.20. Hf.1. S.81–133.
- Korschefsky R. 1931. Coccinellidae I. In: W. Junk and S. Schenkling (Eds.), Coleopterorum Catalogus. Pars 118. Berlin: W. Junk. P.1–224.
- Kraatz G. 1873. *Exochomus minutus*, eine neue deutsche Art // Berliner Entomologische Zeitschrift. Bd.17. S.195.
- Lea A.M., 1902. Descriptions of new species of Australian Coleoptera. Part VI // Proceedings of the Linnaean Society of N.S. Wales. Vol.26. P.481–513.
- Mader L. 1950. Coccinellidae II. Teil // Explor. Parc nat. Albert, Miss. de Witte (1933–1935). Brussels fasc.34. 136p.
- Mader L. 1955. Neue Coleopteren aus Fukien (China): Helotidae, Languriidae, Erotylidae, Endomychidae, Coccinellidae // Koleopt. Rdsch. Wien. Vol.33. P.62–78.
- Maes J.M. 1989. Catálogo de los insectos controladores biológicos en Nicaragua. Volumen II. Insectos depredadores (segunda parte) // Rev. Nica. Ent. Vol.9. P.1–120.
- Pang X.-F. & Gordon R.D. 1986. The Scymnini (Coleoptera: Coccinellidae) of China // The Coleopterists Bulletin. Vol.40. No.2. P.157–199.
- Weise J. 1895. Neue Coccinelliden, sowie Bemerkungen zu bekannten Arten // Annales de la Société Entomologique de Belgique. Vol.39. P.120–146.
- Weise J. 1904. Synonymische Bemerkungen zu Gorham, Biologia Centrali-Americana. Vol. VII. Coccinellidae // Deutsche Entomologische Zeitschrift. P.357–364.
- Weise J. 1929. Ergebnisse einer zoologischen Forschungsreise nach Westindien von Prof. W. Kükenthal und Dr. R. Hartmeyer im Jahre 1907. Westindische Chrysomeliden und Coccinelliden // Zool. Jahrb., Jena. Suppl.16. S.11–34.