

NOTE

Resolution of nomenclatural issues stemming from the homonymy of the genera *Kirgisella* Martynov, 1925 (Arthropoda: Insecta: Neuroptera) and *Kirgisella* Beklemishev, 1927 (Platyhelminthes: Rhabditophora: Rhabdoceola)

In a paper summarizing new data on the aquatic fauna of the Aral Sea, Beklemishev (1922) published the scientific name *Kirgisella forcipata* for a platyhelminth flatworm, which he placed in the family Dalyelliidae. Although Beklemishev (1922) indicated that the flatworm represented both a new genus and a new species (“n. gen., n. sp.”), he did not provide a definition, description, or indication for either the genus-group name ‘*Kirgisella*’ or the species-group name ‘*forcipata*.’ Both names, then, were unavailable from this publication. In a subsequent work, Beklemishev (1927) made both names available by providing a combined description for both taxa. Luther (1962) based the subfamily name Kirgisellinae on the type genus *Kirgisella* Beklemishev, 1927. All three of these taxon names—subfamily Kirgisellinae, genus *Kirgisella* and species *Kirgisella forcipata*—are currently in use as valid names in the flatworm family Provorticidae (Platyhelminthes: Rhabditophora: Rhabdoceola) (Tyler et al. 2006–2009).

Martynov (1925) independently used, and made separately available, the homonymous generic name *Kirgisella* for a Jurassic neuropteran species, *Kirgisella ornata*, from southern Kazakhstan. In a later paper, Martynov (1937) stated that his *Kirgisella* was preoccupied, and he explicitly proposed for it the new replacement name *Kirgisellodes*. Martynov’s 1937 action was apparently taken in response to his

knowledge of the existence of the name *Kirgisella* of Beklemishev, 1922, although he does not specifically cite that name or work. The taxon names *Kirgisellodes* and *Kirgisellodes ornatus* are currently in use as valid names in the insect order Neuroptera, where they are presently regarded as incertae sedis with regard to family association (Archibald and Makarkin 2006) or as belonging to the family Polystoechotidae s.l. (Engel and Grimaldi 2008).

Recent review of the nomenclatural status of the homonymous generic names *Kirgisella* Beklemishev and *Kirgisella* Martynov has revealed that their current uses are not in accord with the International Code of Zoological Nomenclature. In particular, the name *Kirgisella* of Beklemishev (1922), being unavailable, is not a senior homonym of *Kirgisella* Martynov, as treated by Martynov (1937), and as followed by subsequent workers. *Kirgisella* Martynov is, in fact, a senior homonym of *Kirgisella* Beklemishev (1927). Because neither *Kirgisella* Beklemishev, 1927, nor *Kirgisellodes* Martynov, 1937, meets the usage criteria specified in Art. 23.9.1 for reversal of precedence, we, as specialists on both the Neuroptera (JDO, VNM) and Platyhelminthes (ST, AGR), agree that application to the Commission to request preservation of the existing uses of these names is not warranted, and we propose the new names and nomenclatural acts below in order to bring the situation outlined above into compliance with the Code.

* Edited by Jerry L. Cook; accepted by Michael W. Gates

NAMES AND NOMENCLATURE ACTS

Phylum: Arthropoda

Order: Neuroptera

Family: Neuroptera incertae sedis

KIRGISSELLA MARTYNOV, 1925, NEW STATUS

Kirgisella Martynov, 1925: 594, **new status** (nec *Kirgisella* of Beklemishev, 1922, an unavailable name; nec *Kirgisella* Beklemishev, 1927, a junior homonym). *Type species*: *Kirgisella ornata* Martynov, 1925, by monotypy. *Etymology*: Unexplained, probably Kirgis- (from Kirghizia [= Kirghiz SSR], a former republic of the USSR, now Kyrgyzstan) + -ella (from L. -ella [fem.], a diminutive suffix), in allusion to the type locality of its type species in nearby Kazakhstan. *Gender*: Feminine, from the gender appropriate to the L. suffix -ella, Art. 30.1.1. *Notes*: Newly recognized here as a valid name, a senior synonym of *Kirgisellodes* Martynov, 1937, and a senior homonym of *Kirgisella* Beklemishev, 1927.

Kirgisellodes Martynov, 1937:39, **new synonym**. *Type species*: *Kirgisella ornata* Martynov, 1925, fixed automatically by the original monotypy of *Kirgisella* Martynov, 1925 (nec Beklemishev, 1927). *Etymology*: Unexplained, probably Kirgisell- (from *Kirgisella* Martynov, a neuropteran genus-group name) + -odes (from Gr. -odes, like or resembling), in reference to the assumed junior homonym for which it was proposed as a replacement name. *Gender*: masculine, no originally attributed or implied gender, treated as masculine, Art. 30.1.4.4. *Notes*: Newly recognized here as a junior synonym and unnecessary replacement name for

Kirgisella Martynov, 1925 (nec Beklemishev, 1927).

Included species: *Kirgisella ornata* Martynov, 1925, revised combination, transferred from *Kirgisellodes*. An extinct species from the Late Jurassic of Kazakhstan.

Phylum: Platyhelminthes

Order: Rhabdozoa

Family: Protorhynchidae

NEOKIRGELLINAE, NOMEN NOVUM

Kirgisellinae Luther, 1962:20. *Type genus*: *Kirgisella* Beklemishev, 1927 (not *Kirgisella* of Beklemishev, 1922). *Notes*: Newly recognized here as an invalid name, being a family-group name based on a junior homonym (Art. 39).

Neokirgellinae, nomen novum. *Type genus*: *Neokirgella*, **nomen novum**, by present designation. *Notes*: Proposed here as a new replacement name for the currently-in-use, but actually invalid, subfamily name Kirgisellinae Luther, 1962, which has no known synonyms.

Included genera: *Baicalellia* Nasonov, 1930; *Balgetia* Luther, 1962; *Canetellia* Ax, 1956; *Coronopharynx* Luther, 1962; *Daelja* Marcus, 1951; *Drepanilla* Ehlers, 1979; *Hangethelia* Karling, 1940; *Kalyla* Marcus, 1951; ***Neokirgella*, nom. nov.**; *Pogaina* Marcus, 1954; *Selimia* Ax, 1959 (after Tyler et al., 2006–2009).

NEOKIRGELLA, NOMEN NOVUM

Kirgisella of Beklemishev, 1922:277, 278, **new synonym**. *Notes*: Name unavailable; no description, definition or indication, Art. 12.1.

Kirgisella Beklemishev, 1927:113, **new synonym** (nec *Kirgisella* of Beklemishev, 1922, an unavailable name;

nec *Kirgisella* Martynov, 1925, a senior homonym). *Type species*: *Kirgisella forcipata* Beklemishev, 1927:113 (nec *Kirgisella forcipata* of Beklemishev, 1922:277, an unavailable name), by monotypy. *Gender*: Feminine, from the gender appropriate to the L. suffix -ella, Art. 30.1.1. *Notes*: Newly recognized here as an invalid junior homonym of *Kirgisella* Martynov, 1925.

Neokirgella, **nomen novum**. *Type species*: *Kirgisella forcipata* Beklemishev, 1927:113, fixed automatically by the original monotypy of *Kirgisella* Beklemishev, 1927 (nec Martynov, 1925). *Etymology*: Neo- (from Gr. neos, new) + -kirg- (from *Kirgisella* Beklemishev, 1927, a provorticid genus-group name) + -ella (from L. -ella [fem.], a diminutive suffix), in reference to the junior homonym for which it was proposed as a replacement name. *Gender*: Feminine, from the gender appropriate to the L. suffix -ella, Art. 30.1.1. *Notes*: Proposed here as a new replacement name for *Kirgisella* Beklemishev, 1927 (nec Martynov, 1925), which has no available and potentially valid synonyms.

Included species: *Neokirgella forcipata* (Beklemishev, 1927), **new combination**, transferred from *Kirgisella* Beklemishev. An extant species from the Aral Sea.

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