SOME SPECIFIC HOMONYMS IN MAYFLIES (Ephemeroptera)

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ABSTRACT

Five junior specific homonyms in mayflies (Ephemeroptera) of the genera Baetis, Cloeon, and Ecdyonurus are replaced with new names. They are: Cloeon peterseni NEW NAME for Cloeon brunneum Esben-Peterson, Baetis murphyi NEW NAME for Baetis melanus Needham and Murphy, Baetis quebecensis NEW NAME for Baetis cingulatus McDunnough, Cloeon kimminai NEW NAME for Cloeon viride Kimmins, and Ecdyonurus indicus NEW NAME for Ecdyonurus subfuscus Kimmins.

During the course of continuing work on a card catalog of the Ephemeroptera at Florida A&M University, several specific homonyms in mayflies have been discovered. The International Code of Zoological Nomenclature requires that species-group junior homonyms be rejected and that the rejected homonym be replaced. In this paper I propose new names for five such homonyms.

Rambur (1842) described Cloeon (= Cloë) brunneum [= Heptagenia lateralis (Curtis)] from Spain. Later Esben-Petersen (1909) described a new species from Argentina as Cloeon brunneum. This name is a junior primary homonym of Cloeon brunneum Rambur. I therefore propose the NEW NAME Cloeon peterseni for Cloeon brunneum Esben-Peterson, nec Rambur.

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Curtis (1834) described *Baetis melleus* (spelled *mellea*) [=*Potamanthus lutetius* (Linnaeus)] from Britain. Later Needham and Murphy (1924) described a species from Argentina and Peru, *Baetis melleus*. *Baetis melleus* Needham and Murphy is therefore a junior primary homonym of *Baetis melleus* Curtis. I propose the NEW NAME *Baetis murphyi* for *Baetis melleus* Needham and Murphy, nec Curtis.

Stephens (1835) described *Baetis cingulatus* (spelled *cingulata*) [= *Haprophlebia fusca* (Curtis)] from Britain. McDunnough later (1925) described a new species, *Baetis cingulatus*, from Quebec. The latter name is a junior primary homonym of *Baetis cingulatus* Stephens. I propose the NEW NAME *Baetis quebecensis* for *Baetis cingulatus* McDunnough, nec Stephens.

Schneider (1885) described a new species, *Cloeon viride*, from the region near Breslau, in modern Poland. This species is probably a color variety of *Cloeon similis* Eaton (Keffermüller 1972). Later Kimmins (1947) described a new species from Calcutta, India, as *Cloeon viride* (spelled *viridis*). *Cloeon viride* Kimmins is thus a junior primary homonym of *Cloeon viride* Schneider. I propose the NEW NAME *Cloeon kimminsii* for *Cloeon viride* Kimmins, nec Schneider.

Stephens (1835) described *Baetis subfuscus* (spelled *subfuscus*) from Hertford, England. Later Kimmins (1937) described *Ecdyonurus subfuscus* from Assam, India. *Baetis subfuscus* Stephens is considered to be a synonym (see Kimmins 1942) of *Ecdyonurus disper* (Curtis). *Ecdyonurus subfuscus* Kimmins is therefore a junior secondary homonym. I propose the NEW NAME *Ecdyonurus indicus* for *Ecdyonurus subfuscus* Kimmins, nec Stephens.

**LITERATURE CITED**


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