

**APPLICATIONS PUBLISHED IN THE BULLETIN OF
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The following Applications were published on 19 December 1991 in Vol. 48, Part 4 of the Bulletin of Zoological Nomenclature. Comment or advice on these Applications is invited for publication in the Bulletin and should be sent to the Executive Secretary, I.C.Z.N., c/o The Natural History Museum, Cromwell Road, London, SW7 5BD, U.K.

Case 2731. *Planoplatyscelis* Kaszab, 1940 (Insecta, Coleoptera): proposed designation of *Platyscelis margelanica* Kraatz, 1882 as the type species. by L. V. Egorov

Abstract. The purpose of this application is to designate *Platyscelis margelanica* Kraatz, 1882 as the type species of *Planoplatyscelis* Kaszab, 1940 (a subgenus of *Bioramix* Bates, 1879) in accordance with accepted understanding and usage. At present this tenebrionid subgenus has a misidentified type species.

Case. 2780 *Platyscelis* Latreille, 1818 (Insecta, Coleoptera): proposed designation of *Tenebrio hypolithus* Pallas, 1781 as the type species, so conserving *Oodescelis* Motschulsky, 1845. by L. V. Egorov.

Abstract. The purpose of this application is to designate *Tenebrio hypolithus* Pallas, 1781 as the type species of the tenebrionid beetle genus *Platyscelis* Latreille, 1818, which includes a number of agricultural pest species, in accordance with universal understanding and usage. The nominal genus *Oodescelis* Motschulsky, 1845, which also includes a number of pest species, will also be conserved.

Case 2773. *Schizopus* Le Conte, 1858 (Insecta, Coleoptera): proposed conservation. G. H. Nelson.

Abstract. The purpose of this application is the conservation of the name *Schizopus* Le Conte, 1858 for a buprestid beetle genus. It is threatened by the homonym *Schizopus* Claparede & Lachmann, 1858, an unused name for a genus of hytrichous ciliate protozoan.

Case 2749. *Eristalis* Latreille, 1804, *Helophilus* Fabricius, 1805, *Xylota* Meigen, 1822 and *Eumerus* Meigen, 1822 (Insecta, Diptera): proposed conservation. by Tadeusz Zatwarnicki.

Abstract. The purpose of this application is to conserve the names of four genera of hover-flies (family SYRPHIDAE): *Eristalis* Latreille, 1804, *Helophilus* Fabricius, 1805, *Xylota* Meigen, 1822 and *Eumerus* Meigen, 1822. The first three names are threatened by senior objective synonyms and *Eumerus* by a senior homonym. It is proposed to fix *Musca pendula* Linnaeus, 1758 as the type species of *Helophilus* Fabricius, 1805 in accordance with universal usage. All four genera are found almost world wide.

ICZN Applications

Case 2730. *Cheilosia* Meigen, 1822 and *Pyrophaena* Schiner, 1860 (Insecta, Diptera): proposed conservation. by A. V. Barkalov and I. M. Kerzhner.

Abstract. The purpose of this application is to conserve the names of two genera of hover-flies, *Cheilosia* Meigen, 1822 and *Pyrophaena* Schiner, 1860 (family SYRPHIDAE). Both names are threatened by the unused senior name *Cheilosia* Panzer, [1809], as a homonym and as an objective synonym respectively. It is proposed to fix *Syrphus flavipes* Panzer, 1798 as the type species of *Cheilosia* Meigen in accordance with existing usage. *Cheilosia* Meigen includes approximately 350 species in the Palaearctic, Nearctic and Oriental regions. It is the type genus of the tribe CHEILOSIINI Shannon, 1922. Species included in the genus have economic importance as pollinators, pests of weeds, and as causing damage in the timber of some American coniferous trees. *Pyrophaena* Schiner, 1860 includes some 10 species, distributed in the Palaearctic and Nearctic regions.

Case 2552. *Anniella pulchra* Gray, 1852 (Reptilia, Squamata): proposed designation of a neotype. by Robert W. Murphy and Hobart M. Smith

Abstract. The purpose of this application is to conserve the specific name of *Anniella pulchra* Gray, 1852 in accordance with its accustomed understanding and usage by the designation of a neotype. *A. pulchra* is the type species of *Anniella* Gray, 1852, a genus of fossorial, legless lizards from California and Baja California (Norte), Mexico.

Case 2746. *Anas arcuata* Horsfield, 1824 (currently *Dendrocygna arcuata*; Aves, Anseriformes): proposed conservation of the specific name. by Anthea Gentry.

Abstract. The purpose of this application is to conserve the specific name of *Dendrocygna arcuata* (Horsfield, 1824), which is currently in use for the wandering tree duck of Indonesia, other East Indies islands and northern Australia. The name was first proposed as a replacement for *D. javanica* (Horsfield, 1821), the valid name for the Indian tree duck.

REVIEWERS

The following have helped THE RAFFLES BULLETIN OF ZOOLOGY referee papers in volume 39, as well as those not accepted or currently in press (as of May 1992). Their kind assistance is gratefully acknowledged.

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