

**INTERNATIONAL COMMISSION ON ZOOLOGICAL  
NOMENCLATURE: APPLICATIONS AND OPINIONS**

The following applications and opinions were published in the *Bulletin of Zoological Nomenclature*, Volume 48, Parts 1 and 2, 26 March and 27 June 1991 respectively. Comment and 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.

**Applications**

Case 2750. *Epizoanthus* Gray, 1867 (Cnidaria, Anthozoa): proposed conservation (by J. S. Ryland and A. Muirhead). The purpose of this application is to conserve the name *Epizoanthus* Gray, 1867 for a widely distributed genus of ZOANTHIDEA. The name is threatened by the unused senior synonym *Sidisia* Gray, 1858. Species of *Epizoanthus* are well known for their epizoic associations with other invertebrates, especially pagurid crabs.

Case 2707. *Amphiporus* Ehrenberg, 1831 (Nemertea): proposed designation of *Planaria lactiflorea* Johnston, 1828 as the type species (by Ray Gibson and Frank B. Crandall). The purpose of this application is the designation of *Planaria lactiflorea* Johnston, 1828 as the type species of the widely used nemertean genus *Amphiporus* Ehrenberg, 1831. The original type species by monotypy, *Polystemma albicans* Ehrenberg, 1828, has not been redescribed since 1831 and its status is doubtful, but *A. lactiflorea* (Johnston) is well characterized and is typical of *Amphiporus* as understood.

Case 2736. *Haustator* Montfort, 1810 (Mollusca, Gastropoda): proposed conservation (by Richard E. Petit and Jacques Le Renard). The purpose of this application is the conservation of the turritellid generic name *Haustator* Montfort, 1810 by the suppression of *Aculea* Perry, 1810, an unused senior subjective synonym.

Case 2769. *Laecochlis* Dunker & Metzger, 1874 (Mollusca, Gastropoda): proposed conservation as the correct spelling (by David Heppell). The purpose of this application is to establish *Laecochlis* Dunker & Metzger, 1874 as the correct spelling of the generic name for a European triphoroid mollusc. The valid name of the type species is *L. macandraeae* (A. Adams, 1856).

Case 2732. *Ceratites nodosus* (Cephalopoda, Ammonoidea): proposed attribution of the specific name to Schlotheim, 1813, and proposed designation of a lectotype (by Max Urlichs). The purpose of this application is to conserve the name of the Triassic ammonite *Ceratites nodosus* (Schlotheim, 1813) in its current usage by designation of a lectotype from Schlotheim's original collection.

Case 2742. *Vatellus* Aubé, 1837 (Insecta, Coleoptera): proposed conservation (by Anders N. Nilsson). The purpose of this application is the conservation of the name *Vatellus* Aubé, 1837 for a genus of water diving beetle (DYTISCIDAE). It is threatened by *Leucorea* Laporte, 1835, an unused senior objective synonym of the Aube name.

Case 2763. *Coccinella undecimnotata* Schneider, [1792] (currently *Hippodamia (Semiadalia) undecimnotata*; Insecta, Coleoptera): proposed conservation of the specific name. (by Robert D. Pope). The purpose of this application is to conserve the specific name of *Coccinella undecimnotata* Schneider, [1792]. The name is threatened by the hitherto unrecognised senior synonym *Coccinella oculata*

Thunberg, 1781. The ladybird beetle *Coccinella undecimnotata* is a widespread southern European species that has been the object of considerable study outside the field of taxonomy and is one that plays a significant part in the natural control of aphid pests of various crops in the south and east of the continent.

Case 2748. *Plusia falcifera* Kirby, 1837 (currently *Anagrapha falcifera*; Insecta, Lepidoptera): proposed conservation of the specific name (by J. Donald Lafontaine and Robert W. Poole). The purpose of this application is the conservation of the specific name of *Anagrapha falcifera* (Kirby, 1837), a North American noctuid moth which is a pest commonly known as the celery looper. The unused name *Autographa norma* Hubner, [1821] is an undoubted senior synonym for this species, and we propose the suppression of Hubner's name *norma*.

Case 2799. *Simulium (Nevermannia) juxtacrenobium* (Insecta, Diptera): a proposal that availability of the specific name be taken from the intended original description by Bass & Brockhouse, 1990 (by Jon A. B. Bass and Charles Brockhouse). The purpose of this application is to ensure that the specific name of *Simulium (Nevermannia) juxtacrenobium*, recently published for a new species of blackfly (SIMULIIDAE), is treated as first made available by Bass & Brockhouse (1990), who described the morphology, cytology and habitat of the species, and who designated the holotype. Another paper, discussing the supernumerary chromosomes of this and related species, unexpectedly appeared first but to take this as the original publication would mean that the nominal species would neither be properly described nor have preserved type material.

Case 2614. *Vipio* Latreille, 1804 (Insecta, Hymenoptera): proposed designation of *Agathis longicauda* Boheman, 1853 as the type species (by R. A. Wharton and W. R. M. Mason). The purpose of this application is to designate *Agathis longicauda* Boheman, 1853 as the type species of the braconid genus *Vipio* Latreille, 1804, and so maintain the current usage of *Cremnops* Foerster, 1862 and *Vipio*. These genera are based respectively on *Ichneumon desertor* Linnaeus, 1758 and on a misidentification of Linnaeus's species by Fabricius.

Case 2675. *Natrix gemonensis* Laurenti, 1768 (currently *Coluber gemonensis*), *Coluber viridiflavus* Lacépède, 1789 and *Coluber helveticus* Lacépède, 1789 (currently *Natrix natrix helvetica*) (Reptilia, Serpentes): proposed conservation of the specific names (by Beat Schatti, Andrew F. Stimson and Klaus Henle). The purpose of this application is to conserve the name *Coluber gemonensis* (Laurenti, 1768) for the Balkan whip snake by the designation of a neotype, and also to conserve *Coluber viridiflavus* Lacépède, 1789 for the European whip snake and *Natrix natrix helvetica* (Lacépède, 1789) for the western European grass snake, two names originally published in a rejected work.

Case 2729. *Fusus* Helbling, 1779 (Mollusca, Gastropoda): proposed confirmation of unavailability (by Richard E. Petit and Druid Wilson). The purpose of this application is the rejection of the name *Fusus* Helbling, 1779, by a ruling that it is unavailable as it was not treated as a valid genus-group name when first published. A consequence of this rejection would be the conservation of *Fusus Bruguiere*, 1789, a name which was long used for species currently placed in *Fusinus* Rafinesque, 1815.

Case 2753. *Cycloceras* M'Coy, 1844 (Mollusca, Nautiloidea): proposed designation of *C. laevigatum* M'Coy, 1844 as the type species, and proposed designation of a neotype for *C. laevigatum* (by Kathleen Histon). The purpose of this application is to stabilise the generic name *Cycloceras* M'Coy, 1844 for an important group of Carboniferous nautiloids by designating *C. laevigatum* M'Coy, 1844 as its type species and designating a neotype for that species.

Case 2765. *Phyllodoce* Lamarck, 1818 and *Polyodontes* de Blainville, 1828 (Annelida, Polychaeta): proposed conservation (by Fredrik Pleijel). The purpose of this application is to conserve *Phyllodoce* Lamarck, 1818 as the name for a genus of marine polychaetes. It is threatened by the unused senior homonym *Phyllodoce* Ranzani, 1817, which is also a senior objective synonym of *Polyodontes* de Blainville, 1828.

Case 2791. *Chelififer museorum* Leach, 1817 (currently *Cheiridium museorum*; Arachnida, Pseudoscorpionida): proposed conservation of the specific name (by Mark S. Harvey). The purpose of this application is the conservation of the specific name of *Chelififer museorum* Leach, 1817 which is consistently used for a common, often synanthropic, pseudoscorpion recorded from Europe, Africa, India and North America. *C. museorum* is the type species of *Cheiridium* Menge, 1855 but the name is threatened by the unused senior synonym *Chelififer nepoides* Hermann, 1804.

Case 2759. *Goniosoma conspersum* Perty, December 1833 (currently *Mitobates conspersus*; Arachnida, Opiliones): proposed conservation of the specific name (by Adriano B. Kury). The purpose of this application is the conservation of the specific name of *Mitobates conspersus* (Perty, 1833), a Brazilian laniatorid harvestman, by the suppression of its unused senior synonym *Mitobates triangulus* Sundevall, April 1833.

Case 2292. *Histoire abrégée des insectes qui se trouvent aux environs de Paris* (Geoffroy, 1762): proposed conservation of some generic names (Crustacea and Insecta) (by I. M. Kerzhner). Geoffroy's *Histoire abrégée des insectes qui se trouvent aux environs de Paris* (1762) was rejected for nomenclatural purposes and placed on the Official Index in 1954 (Opinion 228). Many of the 59 new generic names proposed by Geoffroy are in current use and 16 names with authorship from Geoffroy (1762) have already been conserved and placed on the Official List. The purpose of this application is to conserve the following 24 additional names from Geoffroy (1762): Crustacea: *Asellus*; Hymenoptera: *Diplolepis*, *Eulophus*, *Urocerus*; Lepidoptera: *Pterophorus*; Coleoptera: *Altica*, *Anthrenus*, *Anthribus*, *Bostrichus*, *Cerocoma*, *Copris*, *Crioceris*, *Cryptocephalus*, *Diaperis*, *Galeruca*, *Gyrinus*, *Hydrophilus*, *Notoxus*, *Omalisus*, *Platycerus*, *Prionus*, *Ptilinus*, *Pyrochroa* and *Stenocorus*.

Case 2757. *Rhinapion* Beguin-Billecocq, 1905 (Insecta, Coleoptera); proposed conservation (by M. A. Alonso-Zarazaga and M. Wanat). The purpose of this application is to conserve the name *Rhinapion* Beguin-Billecocq, 1905 for a subgenus of weevils by the suppression of the senior homonym *Rhinapion* Motschulsky. *Rhinapion* Beguin-Billecocq includes species which are seed predators of leguminous plants (wild or cultivated) in sub-Saharan Africa and Madagascar.

Case 2737. *Brahmaea* Walker, 1855 (Insecta, Lepidoptera): proposed confirmation of *Bombyx certhia* Fabricius, 1793 as the type species (by W. A. Nassig and I. W. B. Nye). The purpose of this application is to confirm that the nominal type species of the moth genus *Brahmaea* Walker, 1855 is *Bombyx certhia* Fabricius, 1793. Walker misidentified this species when describing *Brahmaea*, but the genus has been interpreted in the sense of *B. certhia* being the type.

### Opinions

The following Opinions were published on 26 March 1991 in Vol.84, Part 1 of the Bulletin of Zoological Nomenclature.

Opinion 1623. *Risomurex* Olsson & McGinty, 1958 (Mollusca, Gastropoda): *Ricinula deformis* Reeve, 1846 designated as the type species.

Opinion 1624. *Ixodes angustus* Neumann, 1899 and *I. woodi* Bishopp, 1911 (Arachnida, Acari): specific names conserved by the replacement of the holotype of *I. angustus* by a neotype.

Opinion 1625. *Thyene* Simon, 1885 (Arachnida, Araneae): given precedence over *Mithion* Simon, 1884.

Opinion 1626. *Corisa verticalis* Fieber, 1851 (currently *Trichocorixa verticalis*; Insecta, Heteroptera): specific name conserved.

Opinion 1627. *Saissetia* Déplanche, 1859 (Insecta, Homoptera): *Lecanium coffeae* Walker 1852 designated as the type species.

Opinion 1628. *Castiarina* Gory & Laporte, 1837 (Insecta, Coleoptera): conserved.

Opinion 1629. *Helophorus brevipalpis* Bedel, 1881 (Insecta, Coleoptera): given precedence over *Helophorus creticus* Kiesenwetter, 1858.

Opinion 1630. *Helophorus obscurus* Poppius, 1907 (Insecta, Coleoptera): given precedence over *Helophorus fausti* Kuwert, 1887.

Opinion 1631. *Ochthebius* Leach, 1815 (Insecta, Coleoptera): *Elophorus marinus* Paykull, 1798 designated as the type species.

Opinion 1632. *Exoprosopa* Macquart, 1840 (Insecta, Diptera): *Anthrax pandora* Fabricius, 1805 confirmed as the type species.

Opinion 1633. *Haplocanthosaurus* Hatcher, 1903 (Reptilia, Saurischia): conserved.

Opinion 1634. *Atheris* Cope, 1862 (Reptilia, Serpentes): conserved.

The following Opinions were published on 27 June 1991 in Vol.48, Part 2 of the *Bulletin of Zoological Nomenclature*.

Opinion 1635. *Gryphaea pitcheri* Morton, 1834 (currently *Texigryphaea pitcheri*; Mollusca, Bivalvia): specific name conserved.

Opinion 1636. *Myriochele* Malmgren, 1867 and *Myriochele oculata* Zaks, 1923 (Annelia, Polychaeta): conserved.

Opinion 1637. *Aphonopelma* Pocock, 1901 (Arachnida, Araneae): given precedence over *Rhechostica* Simon, 1892.

Opinion 1638. *Holostaspis subbadius* var. *robustus* Berlese, 1904 (currently *Macrocheles robustulus*; Arachnida, Acarina): specific name conserved.

Opinion 1639. *Shoemakerella* Pirlot, 1936 (Crustacea, Amphipoda): *Lysianax cubensis* Stebbing, 1897 designated as the type species.

Opinion 1640. *Ranguna* Bott, 1966 and *Larnaudia* Bott, 1966 (Crustacea, Decapoda): *Potamon rangoonensis* Rathbun, 1904 and *Thelphusa larnaudii* A. Milne Edwards, 1869 confirmed as the respective type species.

Opinion 1641. *Carcinochelis* Fieber, 1861 (Insecta, Heteroptera): *Carcinochelis alutaceus* Handlirsch, 1897 designated as the type species.

Opinion 1642. *Chlorophanus* Sahlberg, 1823 (Insecta, Coleoptera): conserved.

Opinion 1643. *Ceratopogon puncticollis* Becker, 1903 (currently *Culicoides puncticollis*; Insecta, Diptera): given precedence over *Ceratopogon algecirensis* Strobl, 1900.

Opinion 1644. *Culex stigmatosoma* Dyar, 1907 and *C. thriambus* Dyar, 1921 (Insecta, Diptera): specific names conserved.

Opinion 1645. *Musca heraclei* Linnaeus, 1758 (currently *Euleia heraclei*; Insecta, Diptera): specific name conserved.

Opinion 1646. *Coccobius* Ratzeburg, 1852 (Insecta, Hymenoptera): not suppressed.

Opinion 1647. *Heteronota pelagica* Girard, 1857 (currently *Gymnodactylus*, *Cyrtodactylus* or *Nactus pelagicus*; Reptilia, Sauria): given precedence over *Gymnodactylus arnouxii* Dumeril, 1851.

Opinion 1648. *Micropterus patachonicus* King, 1831 and *Anas pteneres* Forster, 1844 (both currently in *Tachyeres* Owen, 1875; Aves Anseriformes): specific names conserved.