

**APPLICATIONS AND OPINIONS PUBLISHED IN THE
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The following applications and opinions were published in the *Bulletin of Zoological Nomenclature*, Volume 49, Part 2, 25 June 1992; and 30 September 1992, Vol. 49 Part 3. 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: VOLUME 49, PART 2, 25 JUNE 1992

Case 2788. *Mopsea* Lamouroux, 1816 (Cnidaria, Anthozoa): proposed designation of *Isis enrinula* Lamarck, 1815 as the type species. (by Philip Alderslade)

Abstract. - The purpose of this application is to conserve the designation by Nutting (1910) of *Isis enrinula* Lamarck, 1815 as the type species of the coral genus *Mopsea* Lamouroux, 1816 (family ISIDIDAE). An earlier designation was of *Isis dichotoma* Linnaeus, 1758, an unidentifiable species of a different family. Species placed in *Mopsea* are found on the Australian continental shelf, in Antarctic waters, New Caledonia and the Moluccas but the group is paraphyletic.

Case 2801. *Potamolithus* Pilsbry, 1896 (Mollusca, Gastropoda): proposed confirmation of *P. rushii* Pilsbry, 1896 as the type species. (by Maria F. Lopez Armengol & Miguel O. Mancenido)

Abstract. - The purpose of this application is to conserve the nominal genus *Potamolithus* from Pilsbry (1896, December), with *P. rushii* Pilsbry, 1896 as the type species, in accordance with universal acceptance. The generic name is available from a paper by Pilsbry & Rush (1896, November) which appeared a month earlier, but *P. rushii* was there only a nomen nudum and so not eligible to be the type species. Species of *Potamolithus* (family HYDROBIIDAE, subfamily LITHOGLYPHINAE) typically inhabit freshwater streams in the Neotropical region and are of considerable biogeographical and palaeontological interest.

Case 2526. *Strombiformis albus* Da Costa, 1778 (currently *Melanella (Balcis) alba*; Mollusca, Gastropoda): proposed conservation of the specific name. (by Anders Waren)

Abstract. - The purpose of this application is to conserve the specific name of the prosobranch mollusc *Strombiformis albus* Da Costa, 1778 which is threatened by the unused senior subjective synonym *Turbo laevis* Pennant, 1777. The name *albus*, a senior subjective synonym of *Balcis montagui* Leach in Gray, 1847, the nominal type species of *Balcis* Leach in Gray, 1847, is universally in use. The name *Balcis* relates to a group of species which is considered to be subgenerically distinct from *Melanella* Bowdich, 1822 (in the world-wide family EULIMIDAE Philippi, 1853, which includes more than 4000 species, all parasitic on echinoderms).

Case 2789. *Amicytheridea* Bate, 1975 (Crustacea, Ostracoda): proposed designation of *Amicytheridea triangulata* Bate, 1975 as the type species, (by S. C. Khosla, S. R. Jakhar & M. H. Mohammed)

Abstract. - The purpose of this application is the designation of *Amicytheridea triangulata* Bate, 1975, a species from Middle Callovian (Middle Jurassic) beds of Tanzania, as the type species of the ostracod genus *Amicytheridea* Bate, 1975 (PROGONOCYOTHERIDEIDAE). Bate originally designated *Procytheridea ihopyensis* Grekoff, 1963 as the type species, but misidentified his material which belongs to an as yet unnamed taxon; it is proposed that the second originally included species, *A. triangulata*, be designated as the type.

Case 2794. *Gerris paludum* Fabricius, 1794 (currently *Aquarius paludum*; Insecta, Heteroptera): proposed conservation of the specific name. (by N. Moller Andersen)

Abstract. - The purpose of this application is to conserve the specific name of the water-strider *Gerris paludum* Fabricius, 1794 by the suppression of the virtually unused senior subjective synonym *alatus* Retzius, 1783, originally published for a 'variety' of *Aquarius najas* (De Geer, 1773).

Case 2772. *Chrysobothris* Eschscholtz, 1829 and *Dicerca* Eschscholtz, 1829 (Insecta, Coleoptera): proposed conservation as the correct original spellings. (by G. H. Nelson)

Abstract. - The purpose of this application is the conservation of the buprestid generic names *Chrysobothris* and *Dicerca* Eschscholtz, 1829. The names originally appeared as *Chrysobotris* and *Dicerea*, but those spellings have not been used.

Case 2786. TACHINIDAE Fleming, 1821 (Insecta, Coleoptera) and TACHINIDAE Robineau-Desvoidy, 1830 (Insecta, Diptera): proposed removal of homonymy, and TACHYPORIDAE MacLeay, 1825 (Insecta, Coleoptera): proposed precedence over TACHINUSIDAE Fleming, 1821. (by Alfred F. Newton, Jr., Margaret K. Thayer & Curtis W. Sabrosky)

Abstract. - The name TACHINIDAE Robineau-Desvoidy, 1830 is in universal use for a very large family of Diptera, but is a junior homonym of the staphylinid beetle family-group name TACHINIDAE Fleming, 1821 (based on *Tachinus* Gravenhorst, 1802). Fleming's name is a senior synonym of TACHYPORINAE MacLeay, 1825 but is not in current use at any rank. It is proposed that the entire name of *Tachinus* be taken as the stem to remove homonymy with TACHINIDAE Robineau-Desvoidy, and that the usage of TACHYPORINAE MacLeay be conserved.

Case 2803. *Copromyza limosa* Fallen, 1820 (currently *Leptocera (Rachispoda) limosa*; Insecta, Diptera): proposed replacement of lectotype, so conserving usage of the specific name and also that of *Leptocera (Rachispoda) lutosa* (Stenhammar, 1855). (by Ke Chung Kim & Jindrich Rohacek)

Abstract. - The purpose of this application is to conserve the specific name of the common Holarctic saprophagous sphaerocerid fly *Leptocera limosa* (Fallen, 1820) in its current usage. In 1972 one of the female syntypes was designated as the lectotype, but this has now been identified as *Leptocera lutosa* (Stenhammar, 1855). It is proposed that a male syntype should be designated as replacement lectotype.

Case 2804. *Drosophila putrida* Sturtevant, 1916 (Insecta, Diptera): proposed replacement of the holotype by a neotype. (by David Grimaldi)

Abstract. - The purpose of this application is to designate a neotype in accordance with current usage

for the nominal species *Drosophila putrida* Sturtevant, 1916. Examination of the holotype shows that it belongs to an un-named species which has been consistently misidentified as *Drosophila testacea* von Roser, 1840. *D. putrida* is widely used in ecological, genetic and evolutionary studies and is restricted to the eastern U.S.A.

Case 2706. EPHYDRIDAE Zetterstedt, 1837 (Insecta, Diptera): proposed precedence over GYMNOZYIDAE Latreille, 1829. (by Wayne N. Mathis & Tadeusz Zatwarnicki)

Abstract. - The purpose of this application is to conserve the long and universally used name EPHYDRIDAE Zetterstedt, 1837 for shore flies, despite the existence of the older family-group name 'Gymnozyides' Latreille, 1829, based on *Gymnozyza* Fallen, 1810 (a junior subjective synonym of *Mosillus* Latreille, 1804). The authors advocate usage of subfamily and tribe names based on *Gymnozyza*, but retention of EPHYDRIDAE for the family.

Case 2718. *Clidastes* Cope, 1868 (Reptilia, Sauria): proposed designation of *Clidastes propython* Cope, 1869 as the type species. (by Caitlin R. Kiernan)

Abstract. - The purpose of this application is to designate *Clidastes propython* Cope, 1869 as the type species of the North American Upper Cretaceous mosasaur genus *Clidastes* Cope, 1868, in accordance with universal understanding and usage. At present the genus has a nominal type species, *C. iguanavus* Cope, 1868, which is indistinguishable from some species of *Mosasaurus* Conybeare in Parkinson, 1822 and is from a later geological horizon than *Clidastes* as generally used.

Case 2784. *Procellaria gigantea* Gmelin, [1789] (currently *Macronectes giganteus*; Aves, Procellariiformes): proposed conservation of usage of the specific name by designation of a neotype. (by J. F. Voisin, R. K. Brooke, W. J. Bock, W. R. P. Bourne, J. Cooper, J. P. Croxall, R. Escalante, S. Haftorn, O. Hogstad, P.S. Humphrey, S. Hunter, Chr. Jouanin, K. Lambert, P. Leraut, P. D. Shaughnessy, F. Vuilleumier & J. Warham)

Abstract. - The purpose of this application is to conserve the current universal understanding and usage of the specific names of *Macronectes giganteus* (Gmelin, [1789]) and *M. halli* Mathews, 1912 for the southern, antarctic and the more northern, subantarctic species of giant petrel respectively (family PROCELLARIIDAE). The name *giganteus* (type species of the genus *Macronectes* Richmond, 1905) was based on a description of the second species. It is proposed that a neotype for *giganteus* be designated.

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Case 2806. *Zanclaea costata* Gegenbaur, 1856 (Cnidaria, Hydrozoa): proposed conservation of both generic and specific names (by Dale R. Calder).

Abstract. - The purpose of this application is to conserve the generic and specific names of *Zanclaea costata* Gegenbaur, 1856, familiar in the nomenclature of hydroids and hydromedusae. The names are threatened by the unused-used senior subjective synonyms *Acrochordium* Meyen, 1834, and *Mnestra* and *Menestra parasites* both of Krohn (1853).

Case 2827. *Gebia major capensis* Krauss, 1843 (currently *Upogebia capensis*; Crustacea, Decapoda): proposed replacement of neotype, so conserving the usage of *capensis* and also of *G. africana* Ortmann, 1894 (currently *Upogebia africana*) (by N. Ngoc-Ho and Gary C. B. Poore).

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Abstract. - The purpose of this application is to conserve the accustomed usage of the specific names of two South African species of prawns: *Upogebia capensis* (Krauss, 1843) and *U. africana* (Ortmann, 1894). The latter species is commonly known as the mud-prawn or mud-shrimp. It is proposed to designate a replacement neotype for *capensis* from material of the species as presently understood; the previously designated neotype is a specimen of *africana*.

Case 2828. *Podisus* Herrich-Schaeffer, 1851 (Insecta, Heteroptera): proposed conservation of *P. vittipennis* Herrich-Schaeffer, 1851 as the type species (by D. B. Thomas and W. R. Dolling).

Abstract. - The purpose of this application is to conserve the name *Podisus* Herrich-Schaeffer, 1851 in its accustomed usage for a genus of predatory stink-bugs important as biological control agents. Kirkaldy's (1909) designation of *P. vittipennis* Herrich-Schaeffer, 1851 as the type species is preceded by Schouteden's (1907) designation of *P. punctipennis* Herrich-Schaeffer, 1851. The earlier designation would make *Podisus* a junior subjective synonym of *Apateticus* Dallas, 1851, and the genus as universally understood would be replaced by *Telepta* Stal, 1860, rejected as a junior synonym of *Podisus* for over 120 years.

Case 2795. ANTHRIBIDAE Billberg, 1820 (Insecta, Coleoptera): proposed precedence over CHORAGIDAE Kirby, 1819 (by Hans Silfverberg).

Abstract. - The purpose of this application is to conserve the well known beetle family name ANTHRIBIDAE Billberg, 1820 (type genus *Anthribus* Geoffroy, 1762) by giving it precedence over CHORAGIDAE Kirby, 1819 (type genus *Choragus* Kirby, 1819).

Case 2811. *Catocala connubialis* Guenée, 1852 (Insecta, Lepidoptera): proposed conservation of the specific name (by Lawrence F. Gall).

Abstract. - The purpose of this application is to conserve the specific name of the Connubial Underwing moth *Catocala connubialis* Guenée, 1852. This name is threatened by its unused senior synonym *Phalaena amasia* Smith, 1797 which was long thought to be invalid as a junior secondary homonym of *Catocala amasia* (Esper). However, it is now known that Esper's name was not published until 1804. Smith's name *amasias* is therefore available and it is now proposed that it be suppressed.

Case 2793. METOPIINAE Foerster, 1868 (Insecta, Hymenoptera), METOPIINI Raffray, 1904 (Insecta, Coleoptera), and METOPIINI Townsend, 1908 (Insecta, Diptera): proposed removal of homonymy (by Margaret K. Thayer, Alfred F. Newton, Jr. & Thomas Pape).

Abstract. - The purpose of this application is to avoid homonymous family-group names in three orders of Insecta. It is proposed that the complete generic names of *Metopias* Gory, 1832 and *Metopia* Meigen, 1803 be adopted as the stems for the corresponding family-group names, giving METOPIASINI Raffray, 1904 (Coleoptera) and METOPIAINI Townsend, 1908 (Diptera). The subfamily name METOPIINAE Foerster, 1868 (Hymenoptera) based on *Metopius* Panzer, 1806 would remain unchanged.

Case 2812. *Acamptopoeum* Cockerell, 1905 (Insecta, Hymenoptera): proposed designation of *Camptopoeum submetallicum* Spinola, 1851 as the type species (by Luisa Ruz).

Abstract. - The purpose of this application is to designate *Camptopoeum submetallicum* Spinola, 1851 as the type species of the South American panurgine bee genus *Acamptopoeum* Cockerell, 1905 in accordance with current usage. The original designation was based on a misidentified type species.

Case 2792. *Cynolebias opalescens* Myers, 1942 and *Cynolebias splendens* Myers, 1942 (Osteichthyes, Cyprinodontiformes): proposed conservation of the specific names (by Carl J. Ferraris, Jr. & Kenneth J. Lazara)..

Abstract. - The purpose of this application is to conserve the specific names of two species of killifishes, *Cynolebias opalescens* Myers, 1942 and *C. splendens* Myers, 1942, which are the subjects of governmental and international conservation agency protection. The names are threatened by long unused senior subjective synonyms that have been resurrected recently.

Case 2601. *Filimanus* Myers, 1936 (Osteichthyes, Perciformes): proposed designation of *Filimanus perplexa* Feltes, 1991 as the type specie (by Ross M. Feltes).

Abstract. - The purpose of this application is the designation of *Filimanus perplexa* Feltes, 1991 as the type species of the polynemid genus *Filimanus* Myers, 1936. This is the taxonomic species misidentified by Myers as *Polynemus melanochir* Valenciennes, 1831; retention of the latter nominal species as its type would render *Filimanus* a junior subjective synonym of *Polynemus* Linnaeus, 1758, and a new generic name would be required for species currently placed in *Filimanus*.

Case 2821. *Rana megapoda* Taylor, 1942 (Amphibia, Anura): proposed conservation of the specific name (by Robert G. Webb).

Abstract. - The purpose of this application is to conserve the specific name of the well known ranid *Rana megapoda* Taylor, 1942, which is a large frog found in south-central Mexico, by the suppression of the unrecognised senior subjective synonym *Rana trilobata* Mocquard, 1899.

Case 2382. *Megophrys montana* Kuhl & van Hasselt, 1822 (Amphibia, Anura): proposed placement of both the generic and specific names on Official Lists, and *Leptobrachium parvum* Boulenger, 1893 (currently *Megophrys parva*): proposed conservation of the specific name. (by Alain Dubois).

Abstract. - The purpose of this application is to place the name *Megophrys* Kuhl & van Hasselt, 1822 and the valid name of its type species, *M. montana* Kuhl & van Hasselt, 1822, on the appropriate Official Lists, and to conserve the specific name of *M. parva* (Boulenger, 1893). The last name is threatened by the unused senior subjective synonym *Xenophrys monticola* Günther, 1864, for which suppression is proposed. The genus *Megophrys* (family PELOBATIDAE Bonaparte, 1850, subfamily MEGOPHR YINAE Bonaparte, 1850) includes over 20 species from southern, eastern and southeastern Asia.

Case 2802. *Anisolepis grilli* Boulenger, 1891 (Reptilia, Squamata): proposed conservation of the specific name (by Richard Etheridge & Ernest E. Williams).

Abstract. - Two species of the lizard genus *Anisolepis* Boulenger, 1885 (family POLYCHRIDAE) occur in southeastern Brazil, Uruguay and northern Argentina. In this century they have been referred to as *A. undulatus* (Wiegmann, 1834) and *A. grilli* Boulenger, 1891. The purpose of this application is to conserve the specific name *grilli* for the species which occurs in Brazil and Misiones Provinces, Argentina. The name is threatened by two senior subjective synonyms, *Laemanctus fitzingeri* and *L. obtusirostris*, both of Wiegmann (1834).

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Opinion 1675. *Amphiporus* Ehrenberg, 1831 (Nemertea): *Planaria lactiflorea* Johnston, 1828 designated as the type species.

Opinion 1676. *Lepidomenia* Kowalevsky in Brock, 1883 (Mollusca, Solenogastres): *Lepidomenia hystrix* Marion & Kowalevsky in Fischer, 1885 designated as the type species.

Opinion 1677. *Haustator* Montfort, 1810 (Mollusca, Gastropoda): conserved.

Opinion 1678. *Helicarion* Ferussac, 1821 (Mollusca, Gastropoda): conserved, and *Helicarion cuvieri* Ferussac, 1821 designated as the type species.

Opinion 1679. *Kobeltia* Seibert, 1873 (Mollusca, Gastropoda): *Arion hortensis* Ferussac, 1819 confirmed as the type species.

Opinion 1680. *Buthus vittatus* Say, 1821 (currently *Centruroides vittatus*), *Centrurus hentzi* Banks, 1904 (currently *Centruroides hentzi*) and *Buthus vittatus* Guerin Meneville, [1838] (currently *Bothriurus vittatus*) (Arachnida, Scorpionida); specific names conserved.

Opinion 1681. *Vatellus* [Aube], 1837 (Insecta, Coleoptera); conserved.

Opinion 1682. *Plusia falcifera* Kirby, 1837 (currently *Anagrapha falcifera*; Insecta, Lepidoptera); specific name conserved.

Opinion 1683. *Simulium* (*Nevermannia*) *juxtacrenobium* (Insecta, Diptera); specific name first available from the intended original description by Bass & Brockhouse, 1990.

Opinion 1684. *Lepomis* Rafinesque, 1819 (Osteichthyes, Perciformes); gender fixed as masculine.

Opinion 1685. *Rana sphenoccephala* Cope, 1886 (Amphibia, Anura); given precedence over *Rana utricularius* Harlan, 1826.

Opinion 1686. *Natrix gemonensis* Laurenti, 1768 (currently *Coluber gemonensis*), *Coluber viridiflavus* Lacepede, 1789 and *Coluber helveticus* Lacepede, 1789 (currently *Natrix natrix helvetica*) (Reptilia, Serpentes); specific names conserved.

Opinion 1687. *Phorosrhacos* Ameghino, 1887 (Aves, Gruiformes); not suppressed.

Opinion 1688. *Coccyzus eulери* Cabanis, 1873 (Aves, Cuculiformes); specific name conserved.

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Opinion 1689. *Epizoanthus* Gray, 1867 (Cnidaria, Anthozoa); conserved.

Opinion 1690. *Helix (Helicigona) barbata* Ferussac, 1832 (currently *Lindholmiola barbata*; Mollusca, Gastropoda): lectotype designation confirmed.

Opinion 1691. *Polygyra* Say, 1818 (Mollusca, Gastropoda): *Polygyra septemvolva* Say, 1818 designated as the type species, and POLYGYRIDAE Pilsbry, 1895 given precedence over MESODONTIDAE Tryon 1866.

Opinion 1692. *Phyllodoce* Lamarck, 1818 and *Polyodontes* de Blainville, 1828 (Annelida, Polychaeta): conserved.

Opinion 1693. *Coccinella undecimnotata* Schneider, [1792] (currently *Hippodamia (Semiadalia) undecimnotata*; Insecta, Coleoptera): specific name conserved.

Opinion 1694. *Rhinapion* Beguin-Billecocq, 1905 (Insecta, Coleoptera): conserved.

Opinion 1695. *Acanthophthalmus* van Hasselt in Temminck, 1824 (Osteichthyes, Cypriniformes): not conserved.

Opinion 1696. HYDROBATIDAE Mathews, 1912 (1865) (Aves, Procellariiformes): conserved.