

OPINION 1754

Histoire abrégée des insectes qui se trouvent aux environs de Paris (Geoffroy, 1762): some generic names conserved (Crustacea, Insecta)

Ruling

A. *Histoire abrégée des insectes* ... (Geoffroy, 1762)

(1) Under the plenary powers it is hereby ruled that, notwithstanding the use of polynominal specific names in the work by E.L. Geoffroy (1762) entitled *Histoire abrégée des insectes qui se trouvent aux environs de Paris*, the generic names published in that work are deemed to be available. The ruling is confined exclusively to the availability of generic names. Specific names and nomenclatural acts are not to be taken from the work.

(2) This work is hereby deleted from the Official Index of Rejected and Invalid Works in Zoological Nomenclature and placed on the Official List of Works Approved as Available for Zoological Nomenclature with an endorsement to reflect the ruling in A(1) above, namely that the generic names published in this work are deemed to be available.

(3) Such editorial changes in the Official Lists and Indexes as are necessary from the rulings in A(1) and (2) above and in related previous Opinions are hereby authorised.

B. Crustacea

(1) It is hereby ruled that the authorship attribution of *Binoculus* 'Müller, 1776' on the Official Index of Rejected and Invalid Generic Names in Zoology is corrected to Geoffroy, 1762.

(2) The entry recorded as *Binoculus* Geoffroy, 1764 is hereby deleted from the Official Index of Rejected and Invalid Generic Names in Zoology.

(3) The name *Asellus* Geoffroy, 1762 (gender: masculine), type species by subsequent monotypy (Fourcroy, 1785) *Oniscus aquaticus* Linnaeus, 1758, is hereby placed on the Official List of Generic Names in Zoology.

(4) The name *aquaticus* Linnaeus, 1758, as published in the binomen *Oniscus aquaticus* (specific name of the type species of *Asellus* Geoffroy, 1762), is hereby placed on the Official List of Specific Names in Zoology.

C. Insecta, Thysanura

(1) The name *Forbicina* Geoffroy, 1762 is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology (a junior objective synonym of *Lepisma* Linnaeus, 1758).

D. Insecta, Orthoptera

(1) Under the plenary powers:

- (a) the generic name *Mantes* Geoffroy, 1762 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
- (b) the name *Mantis* Linnaeus, 1758 is hereby ruled to be an available genus-group name;

(c) the type species of *Mantis* Linnaeus, 1758 is hereby ruled to be *Gryllus religiosus* Linnaeus, 1758, by subsequent designation by Latreille (1810).

(2) The entries on the Official Lists relating to *Mantis* Linnaeus, 1767 and *Gryllus religiosus* Linnaeus, 1758 are hereby amended to record the rulings in D(1)(b) and (c) above, namely that the authorship of *Mantis* is Linnaeus, 1758.

(3) The name *Mantes* Geoffroy, 1762, as suppressed in D(1)(a) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

E. Insecta, Homoptera

(1) Under the plenary powers the generic name *Tetigonia* Geoffroy, 1762 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The entry recorded as *Tetigonia* Geoffroy, 1762 on the Official Index of Rejected and Invalid Generic Names in Zoology is hereby amended in accordance with the ruling in E(1) above.

(3) The entries recorded as *Tetigonia* Fourcroy, 1785 and *Tetigonia* Blanchard, 1852 are hereby deleted from the Official Index of Rejected and Invalid Generic Names in Zoology.

F. Insecta, Heteroptera

(1) The name *Hepa* Geoffroy, 1762 is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology (a junior objective synonym of *Nepa* Linnaeus, 1758).

G. Insecta, Neuroptera

(1) Under the plenary powers the generic name *Formicaleo* Geoffroy, 1762 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The name *Formicaleo* Geoffroy, 1762, as suppressed in G(1) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

H. Insecta, Hymenoptera

(1) It is hereby confirmed that all uses of the name *Crabro* prior to that by Fabricius (1775) are suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy.

(2) The following names, conserved by the ruling in A(1) above, are hereby placed on the Official List of Generic Names in Zoology:

(a) *Diplolepis* Geoffroy, 1762 (gender: feminine), type species by subsequent designation by Karsch (1880) *Cynips rosae* Linnaeus, 1758;

(b) *Eulophus* Geoffroy, 1762 (gender: masculine), type species by subsequent monotypy (Olivier, 1792) *Ichneumon ramicornis* Fabricius, 1781;

(c) *Urocerus* Geoffroy, 1762 (gender: masculine), type species by subsequent monotypy (Fourcroy, 1785) *Ichneumon gigas* Linnaeus, 1758.

(3) The following names are hereby placed on the Official List of Specific Names in Zoology:

(a) *gigas* Linnaeus, 1758, as published in the binomen *Ichneumon gigas* (specific name of the type species of *Urocerus* Geoffroy, 1762);

- (b) *ramicornis* Fabricius, 1781, as published in the binomen *Ichneumon ramicornis* (specific name of the type species of *Eulophus* Geoffroy, 1762);
- (c) *rosae* Linnaeus, 1758, as published in the binomen *Cynips rosae* (specific name of the type species of *Diplolepis* Geoffroy, 1762).
- (4) The entry for *Crabro* Geoffroy, 1762 on the Official Index of Rejected and Invalid Generic Names in Zoology is hereby amended in accordance with the ruling in H(1) above.

J. Insecta, Lepidoptera

- (1) Under the plenary powers all fixations of type species for the nominal genus *Pterophorus* Geoffroy, 1762 prior to the designation by Curtis (1827) of *Phalaena pentadactyla* Linnaeus, 1758 are hereby set aside.
- (2) The entry for *Pterophorus* Schäffer, 1766 on the Official List of Generic Names in Zoology is hereby amended to record authorship from Geoffroy, 1762, as ruled in A(1) above, and the type species designation by Curtis (1827), as ruled in J(1) above.
- (3) The entry for *pentadactyla*, *Phalaena*, Linnaeus, 1758 on the Official List of Specific Names in Zoology is hereby amended to record it as the type species of *Pterophorus* Geoffroy, 1762.
- (4) The entry for *Tinaea* Geoffroy, 1762 on the Official Index of Rejected and Invalid Generic Names in Zoology is hereby amended to record the name as a junior objective synonym of *Tinea* Linnaeus, 1758.

K. Insecta, Coleoptera

- (1) Under the plenary powers all fixations of type species for the following nominal genera are set aside:
 - (a) for *Anthrenus* Geoffroy, 1762 — prior to the designation by Mroczkowski (1968) of *Dermestes scrophulariae* Linnaeus, 1758;
 - (b) for *Prionus* Geoffroy, 1762 — all previous fixations of type species, and *Cerambyx coriarius* Linnaeus, 1758 is hereby designated as the type species;
 - (c) for *Stenocorus* Geoffroy, 1762 — all previous fixations of type species, and *Leptura meridiana* Linnaeus, 1758 is hereby designated as the type species.
- (2) Under the plenary powers the following generic names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:
 - (a) *Cistela* Geoffroy, 1762;
 - (b) *Pistella* Müller, 1764;
 - (c) *Rhinomacer* Geoffroy, 1762.
- (3) Under the plenary powers the following generic names are hereby suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy:
 - (a) *Byrrhus* Geoffroy, 1762 and all other uses of the name *Byrrhus* prior to *Byrrhus* Linnaeus, 1767;
 - (b) *Cucujus* Geoffroy, 1762 and all other uses of the name *Cucujus* prior to *Cucujus* Fabricius, 1775;
 - (c) *Melolontha* Geoffroy, 1762 and all other uses of the name *Melolontha* prior to *Melolontha* Fabricius, 1775;
 - (d) *Peltis* Geoffroy, 1762 and all other uses of the name *Peltis* prior to *Peltis* Kugelann, 1792;

- (e) *Tritoma* Geoffroy, 1762 and all other uses of the name *Tritoma* prior to *Tritoma* Fabricius, 1775.
- (4) Under the plenary powers the specific name *cylindricus* Müller, 1776, as published in the binomen *Ptilinus cylindricus*, is hereby suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy.
- (5) The following names, conserved under the plenary powers in A(1) and K(3) above, are hereby placed on the Official List of Generic Names in Zoology:
- (a) *Altica* Geoffroy, 1762 (gender: feminine), type species by subsequent designation by Latreille (1810) *Chrysomela oleracea* Linnaeus, 1758;
 - (b) *Anthrenus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Mroczkowski (1968) *Dermestes scrophulariae* Linnaeus, 1758, as ruled in K(1)(a) above;
 - (c) *Anthribus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Jordan (1931) *Anthribus fasciatus* Forster, 1770;
 - (d) *Bostrichus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Dermestes capucinus* Linnaeus, 1758;
 - (e) *Byrrhus* Linnaeus, 1767 (gender: masculine), type species by subsequent designation by Latreille (1810) *Dermestes pilula* Linnaeus, 1758;
 - (f) *Cerocoma* Geoffroy, 1762 (gender: feminine), type species by subsequent monotypy (Fabricius, 1775) *Meloe schaefferi* Linnaeus, 1758;
 - (g) *Copris* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Scarabaeus lunaris* Linnaeus, 1758;
 - (h) *Crioceris* Geoffroy, 1762 (emendation of entry on Official List for *Crioceris* Müller, 1764);
 - (i) *Cryptocephalus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Chrysomela sericea* Linnaeus, 1758;
 - (j) *Cucujus* Fabricius, 1775 (gender: masculine), type species by monotypy *Cucujus depressus* Fabricius, 1775 (a junior subjective synonym of *Meloe cinnabarina* Scopoli, 1763);
 - (k) *Diaperis* Geoffroy, 1762 (gender: feminine), type species by subsequent monotypy (Müller, 1776) *Chrysomela boleti* Linnaeus, 1758;
 - (l) *Galeruca* Geoffroy, 1762 (gender: feminine), type species by subsequent designation by Latreille (1810) *Chrysomela tanacetii* Linnaeus, 1758;
 - (m) *Gyrinus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Dytiscus natator* Linnaeus, 1758;
 - (n) *Hydrophilus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Dytiscus piceus* Linnaeus, 1758;
 - (o) *Melolontha* Fabricius, 1775 (gender: feminine), type species by absolute tautonymy *Scarabaeus melolontha* Linnaeus, 1758;
 - (p) *Notoxus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Attelabus monoceros* Linnaeus, 1761;
 - (q) *Omalisus* Geoffroy, 1762 (gender: masculine), type species by subsequent monotypy (Fourcroy, 1785) *Omalisus fontisbellaquaei* Geoffroy in Fourcroy, 1785;
 - (r) *Peltis* Kugelann, 1792 (gender: feminine), type species by subsequent designation by Hope (1840) *Silpha grossa* Linnaeus, 1758;
 - (s) *Platycerus* Geoffroy, 1762 (gender: masculine), type species by subsequent designation by Latreille (1810) *Scarabaeus caraboides* Linnaeus, 1758;

- (t) *Prionus* Geoffroy, 1762 (gender: masculine), type species by designation under the plenary powers in K(1)(b) above *Cerambyx coriarius* Linnaeus, 1758;
 - (u) *Ptilinus* Geoffroy, 1762 (gender: masculine), type species by subsequent monotypy (Müller, 1776) *Ptilinus cylindricus* Müller, 1776 (a suppressed senior subjective synonym of *Ptilinus fuscus* Geoffroy in Fourcroy, 1785) (see ruling in K(4) above);
 - (v) *Pyrochroa* Geoffroy, 1762 (gender: feminine), type species by subsequent designation by Westwood ([1838]) *Cantharis coccinea* Linnaeus, 1761;
 - (w) *Stenocorus* Geoffroy, 1762 (gender: masculine), type species by designation under the plenary powers in K(1)(c) above *Leptura meridiana* Linnaeus, 1758;
 - (x) *Tritoma* Fabricius, 1775 (gender: feminine), type species by subsequent designation by Latreille (1810) *Tritoma bipustulata* Fabricius, 1775.
- (6) The following names, suppressed in K(2) and K(3) above, are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
- (a) *Byrrhus* Geoffroy, 1762 and all other uses of the name *Byrrhus* prior to *Byrrhus* Linnaeus, 1767;
 - (b) *Cistela* Geoffroy, 1762;
 - (c) *Cucujus* Geoffroy, 1762 and all other uses of the name *Cucujus* prior to *Cucujus* Fabricius, 1775;
 - (d) *Melolontha* Geoffroy, 1762 and all other uses of the name *Melolontha* prior to *Melolontha* Fabricius, 1775;
 - (e) *Peltis* Geoffroy, 1762 and all other uses of the name *Peltis* prior to *Peltis* Kugelann, 1792;
 - (f) *Pistella* Müller, 1764;
 - (g) *Rhinomacer* Geoffroy, 1762;
 - (h) *Tritoma* Geoffroy, 1762 and all other uses of the name *Tritoma* prior to *Tritoma* Fabricius, 1775.
- (7) The entry on the Official Index of Rejected and Invalid Generic Names in Zoology for the name *Dyticus* Müller, 1776 is hereby amended to read *Dyticus* Geoffroy, 1762.
- (8) The following names are hereby placed on the Official List of Specific Names in Zoology:
- (a) *bipustulata* Fabricius, 1775, as published in the binomen *Tritoma bipustulata* (specific name of the type species of *Tritoma* Fabricius, 1775);
 - (b) *boleti* Linnaeus, 1758, as published in the binomen *Chrysomela boleti* (specific name of the type species of *Diaperis* Geoffroy, 1762);
 - (c) *capucinus* Linnaeus, 1758, as published in the binomen *Dermestes capucinus* (specific name of the type species of *Bostrichus* Geoffroy, 1762);
 - (d) *caraboides* Linnaeus, 1758, as published in the binomen *Scarabaeus caraboides* (specific name of the type species of *Platycerus* Geoffroy, 1762);
 - (e) *cinnabarina* Scopoli, 1763, as published in the binomen *Meloe cinnabarina* (senior subjective synonym of *Cucujus depressus* Fabricius, 1775, the type species of *Cucujus* Fabricius, 1775);
 - (f) *coccinea* Linnaeus, 1761, as published in the binomen *Cantharis coccinea* (specific name of the type species of *Pyrochroa* Geoffroy, 1762);
 - (g) *coriarius* Linnaeus, 1758, as published in the binomen *Cerambyx coriarius* (specific name of the type species of *Prionus* Geoffroy, 1762);

- (h) *fasciatus* Forster, 1770, as published in the binomen *Anthribus fasciatus* (specific name of the type species of *Anthribus* Geoffroy, 1762);
 - (i) *fontisbellaquaei* Geoffroy in Fourcroy, 1785, as published in the binomen *Omalisus fontisbellaquaei* (specific name of the type species of *Omalisus* Geoffroy, 1762);
 - (j) *fuscus* Geoffroy in Fourcroy, 1785, as published in the binomen *Ptilinus fuscus* (first available subjective synonym of *Ptilinus cylindricus* Müller, 1776, the type species of *Ptilinus* Geoffroy, 1762);
 - (k) *grossa* Linnaeus, 1758, as published in the binomen *Silpha grossa* (specific name of the type species of *Peltis* Kugelann, 1792);
 - (l) *lunaris* Linnaeus, 1758, as published in the binomen *Scarabaeus lunaris* (specific name of the type species of *Copris* Geoffroy, 1762);
 - (m) *melolontha* Linnaeus, 1758, as published in the binomen *Scarabaeus melolontha* (specific name of the type species of *Melolontha* Fabricius, 1775);
 - (n) *meridiana* Linnaeus, 1758, as published in the binomen *Leptura meridiana* (specific name of the type species of *Stenocorus* Geoffroy, 1762);
 - (o) *monoceros* Linnaeus, 1761, as published in the binomen *Atelabus monoceros* (specific name of the type species of *Notoxus* Geoffroy, 1762);
 - (p) *natator* Linnaeus, 1758, as published in the binomen *Dytiscus natator* (specific name of the type species of *Gyrinus* Geoffroy, 1762);
 - (q) *oleracea* Linnaeus, 1758, as published in the binomen *Chrysomela oleracea* (specific name of the type species of *Altica* Geoffroy, 1762);
 - (r) *piceus* Linnaeus, 1758, as published in the binomen *Dytiscus piceus* (specific name of the type species of *Hydrophilus* Geoffroy, 1762);
 - (s) *pilula* Linnaeus, 1758, as published in the binomen *Dernestes pilula* (specific name of the type species of *Byrrhus* Linnaeus, 1767);
 - (t) *schaefferi* Linnaeus, 1758, as published in the binomen *Meloe schaefferi* (specific name of the type species of *Cerocoma* Geoffroy, 1762);
 - (u) *scrophulariae* Linnaeus, 1758, as published in the binomen *Dernestes scrophulariae* (specific name of the type species of *Anthrenus* Geoffroy, 1762);
 - (v) *sericea* Linnaeus, 1758, as published in the binomen *Chrysomela sericea* (specific name of the type species of *Cryptocephalus* Geoffroy, 1762);
 - (w) *tanacetii* Linnaeus, 1758, as published in the binomen *Chrysomela tanacetii* (specific name of the type species of *Galeruca* Geoffroy, 1762).
- (9) The entry on the Official List of Specific Names in Zoology for *Chrysomela asparagi* Linnaeus, 1758 is hereby amended to record the author of *Crioceris* as Geoffroy, 1762.
- (10) The name *cylindricus* Müller, 1776, as published in the binomen *Ptilinus cylindricus* and as suppressed in K(4) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

History of Case 2292

An application for the conservation of 24 of the generic names published by Geoffroy (1762) in his *Histoire abrégée des insectes qui se trouvent aux environs de Paris* was originally received from Dr I.M. Kerzhner (*Zoological Institute, Academy of Sciences, St Petersburg, Russia*) in 1978. The present case was published in BZN 48: 107–133 (June 1991). Notice of the case was sent to appropriate journals.

The history of the original application was summarized by Kerzhner (BZN 48: 107–111, paras. A.1–A.9) and by Tubbs (BZN 49: 223–227; September 1992). Geoffroy (1762) published 59 new generic names with descriptions but he did not use single-word specific names. Of these generic names, 40 were in use in Geoffroy's taxonomic sense and were regularly attributed to his authorship, five were junior synonyms of names in Linnaeus (1758), eight were used in a different taxonomic sense and were attributed to later authors, and the remaining six were replaced in usage by junior synonyms (for details see Kerzhner's para. A.7).

The Commission was first approached about Geoffroy's work more than 50 years ago, when attention was drawn to two facts: that the work was 'non-binominal' because of the treatment of the names of species, and that most of the generic names were currently used as valid. As reported by Kerzhner (BZN 48: 107) and Tubbs (BZN 49: 225), specialists then and later urged the conservation of various Geoffroy generic names and this had been approved in 16 cases (in nine Opinions; Kerzhner's para. A.9). In Opinion 228 (1954) the Commission recorded that, while Geoffroy's work was non-binominal, 'some of these [generic] names should, it was agreed, certainly be preserved but the position was not so clear as regards others'. Despite this the ruling recorded that Geoffroy's names were 'not available under the Règles'.

Kerzhner surveyed in detail the 43 new Geoffroy generic names not already conserved and recommended the conservation of 24. He proposed the suppression of 11 (and supported the proposed suppression of three others) in favour of the junior homonyms or synonyms in use, and noted that the five junior synonyms of names of Linnaeus (1758) presented no problem. The names *Acrydium*, *Bruchus* and *Mylabris* first appeared in Geoffroy (1762). To conserve junior names long treated as valid the suppression of these names, in Geoffroy's taxonomic sense, has been proposed by Drs K.H.L. Key (*Acrydium*; see BZN 45: 191–193) and L. Borowiec (*Bruchus* and *Mylabris*; see BZN 45: 194–196), and Kerzhner supported these applications (his paras. D.1, K.5 and K.19). Voting in these instances has been held over pending the determination of their authorship in settlement of the present case.

Kerzhner's application had the support of Dr Curtis W. Sabrosky (*Medford, New Jersey, U.S.A.*), who commented: 'I heartily approve of the application on the Geoffroy names. I was closely involved with this many years ago and found that in Diptera the names had always been used, or virtually always. The dipterists asked to have the Diptera names conserved and thus we have been at a big advantage all these years'. Other comments in support of Dr Kerzhner's application were received from a number of specialists; these comments are recorded in relation to the taxa concerned (pp. 65–66 below).

The procedural complications in voting were of two kinds: (a) the authorship to be attributed to the Geoffroy names for which suppression was proposed by Kerzhner, and (b) points of detail concerning a few individual names.

(a) *Authorship of suppressed names*

In the original application Kerzhner proposed that the 24 names to be conserved should, like those already accepted, be attributed to Geoffroy (1762). In the case of those to be *suppressed*, however, he proposed the citation 'Geoffroy in Müller, 1764';

this was purely to comply with the formal unavailability of those 1762 names not yet conserved. However, all the new generic names, conserved or suppressed, could be attributed to the work where they actually appeared, i.e. Geoffroy (1762), allowing Dr Kerzhner's aims to be achieved but with greater simplicity. As a result of the efforts by him and by others, together with nine previous Opinions, the consequences of Opinion 228 on Geoffroy's generic names were in effect totally superseded, even though by instalments. To reflect this, Tubbs (BZN 49: 236, para. 9) proposed that generic names in Geoffroy be deemed available (whether to be conserved or suppressed), and this amendment was supported by Kerzhner (BZN 50: 58). The acceptance of this amendment would not affect the status of any individual name.

(b) *Details concerning individual names*

Points of detail were dealt with individually on the voting papers. Comments that had been received were noted and the points made by Kerzhner in March 1993 (BZN 50: 58) were incorporated.

B. Crustacea

The conservation of *Asellus* Geoffroy, 1762 was proposed by Kerzhner (BZN 48: 112), and *Binoculus* 'Geoffroy, 1764' was already suppressed. Holthuis (BZN 49: 223) proposed that *Asellus* and *Binoculus* should be attributed to Schaeffer (1766) and Schluga (1767) respectively; this was opposed by Tubbs (BZN 49: 225, para. 5) and by Kerzhner (BZN 50: 58) as being anomalous and not in accord with any previous attributions of these names. The proposals on BZN 48: 112 and on BZN 49: 223 were offered as alternatives for voting.

C. Insecta, Thysanura

The name *Lepisma* Linnaeus, 1758 was placed on the Official List by Opinion 104. Kerzhner (BZN 48: 112, para. C.1) designated its type species (*L. saccharina* Linnaeus, 1758) to be that also of *Forbicina* Geoffroy, 1762, so rendering the latter a junior objective synonym.

D. Insecta, Orthoptera

A comment from Dr David R. Ragge (*The Natural History Museum, London, U.K.*) supporting the proposals on *Mantis* Linnaeus, 1758 and *Mantes* Geoffroy, 1762 was published in BZN 49: 71 (March 1992).

G. Insecta, Neuroptera

A comment from Dr S.J. Brooks (*The Natural History Museum, London, U.K.*) in support of the suppression of *Formicaleo* Geoffroy, 1762 was published in BZN 49: 150 (June 1992).

H. Insecta, Hymenoptera

A comment in support of the conservation of the name *Eulophus* Geoffroy, 1762 from Dr John LaSalle (*International Institute of Entomology, clo The Natural History*

Museum, London, U.K.) was published in BZN 49: 71–72 (March 1992). Dr LaSalle pointed out that the date for Olivier's work was 1792 (and not 1791). Dr Kerzhner (BZN 50: 58) did not accept Dr LaSalle's suggestion concerning the type species of *Eulophus*.

K. Insecta, Coleoptera

A comment from Mr R.D. Pope (*Slinfold, Sussex, U.K.*) supporting the conservation of coleopteran names from Geoffroy (1762) was published in BZN 49: 71 (March 1992). A further supportive comment from Prof Michael Goodrich (*Eastern Illinois University, Charleston, Illinois, U.S.A.*) also noted: 'Amongst the proposed conservations for coleopteran names are a large number of which the genera are the types for well known families or subfamilies of beetles. It would seem that disruption of all these names would not aid in stability, which is, after all, the ultimate goal of the application'.

Support for the conservation of the names *Copris* and *Platycerus*, both from Geoffroy (1762), and for *Melolontha* Fabricius, 1775, from Dr Frank-Thorsten Krell (*Universität Tübingen, Zoologisches Institut, Tübingen, Germany*) was published in BZN 49: 149 (June 1992).

Support for the conservation of *Anthribus* Geoffroy, 1762 from Dr Hans Silfverberg (*Universitetets Zoologiska Museum, Helsingfors, Finland*) was published in BZN 49: 194 (September 1992). However, Dr Kerzhner (BZN 50: 58) did not accept Dr Silfverberg's (BZN 49: 224) proposed amendment (Müller, 1776 instead of Kugelann, 1792) for the authorship of the conserved *Peltis*.

Support was received for the conservation of *Tritoma* Fabricius, 1775 by the suppression of all previous uses of the name. Prof Michael Goodrich commented: '*Tritoma*, as used by Fabricius (1775), is a common and widespread genus which has been recognized by entomologists for over 200 years. It is a member of a family upon which I, as an entomologist, do research, including some important current projects. I have papers in preparation on this very genus and I find it of critical importance that the use of the name be conserved, as requested by Kerzhner'. Dr Paul E. Skelley (*University of Florida, Institute of Food and Agricultural Sciences, Gainesville, Florida, U.S.A.*) noted: 'The names *Tritoma* Fabricius, 1775 and *Cyrtotriplax* Crotch, 1873 have been used as alternatives for many years. Even recent catalogs have come to no consensus. I support the proposed conservation of *Tritoma* Fabricius, type species *T. bipustulata* Fabricius, 1775'.

General note

The proposals voted on were those of Kerzhner but incorporated the published amendments supported by him. The application (BZN 48: 107–133) contains the detailed information concerning each name, and sections B–K in this Opinion correspond to those in the application.

It should be noted that although Geoffroy's (1762) work has been transferred from the Official Index to the Official List by the ruling in this Opinion, the ruling applies exclusively to the availability of generic names published in the work, i.e. it does not extend to specific names, the fixation of type species, or the inclusion of nominal species within genera. The type species designations adopted in the present Opinion are those set out by Kerzhner in his application.

Decision of the Commission

On 1 September 1993 the members of the Commission were invited to vote. At the close of the voting period on 1 December 1993 the votes were as recorded in each instance.

A. Availability of generic names in *Histoire abrégée des insectes ...* (Geoffroy, 1762)

Proposals (1)-(3) on BZN 49: 226

Affirmative votes — 25: Bayer, Bock, Bouchet, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Štys, Thompson, Trjapitzin, Willink

Negative votes — 2: Heppell and Holthuis.

No vote was received from Uéno.

Ride was on leave of absence.

Heppell commented that he voted against the transfer of Geoffroy's (1762) work from the Official Index to the Official List and that he would have preferred to use the plenary powers to make generic names available individually. Having voted against these proposals, Holthuis abstained on the votes which followed.

B. Crustacea

Proposals on BZN 48: 112. Affirmative votes — 26: Bayer, Bock, Bouchet, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell (part), Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Štys, Thompson, Trjapitzin, Willink

Proposals on BZN 49: 223. Affirmative votes — none.

Heppell commented that he would have preferred to correct the entry on the Official Index for *Binoculus* 'Müller, 1776' to *Binoculus* 'Geoffroy in Müller, 1764' (paras. B.3 (2)(b) and 5(a) on BZN 48: 112), in accord with his vote against proposal (1) on BZN 49: 226.

C-K. Insecta (C. Thysanura; D. Orthoptera; E. Homioptera; F. Heteroptera; G. Neuroptera; H. Hymenoptera; J. Lepidoptera; K. Coleoptera)

Sections C-K were voted upon separately. Exceptions to affirmative votes are recorded below.

Affirmative votes — 26: Bayer, Bock, Bouchet, Cocks, Cogger (part), Corliss, Dupuis, Hahn, Halvorsen, Heppell (part), Kabata, Kraus, Lehtinen (part), Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Štys, Thompson (part), Trjapitzin, Willink.

Cogger and Lehtinen voted against, and Heppell abstained on, the proposals on sections C and F. Explaining their votes, Heppell and Lehtinen commented that the names *Forbicina* and *Hepa*, both of Geoffroy (1762) and junior objective synonyms of Linnaeus's (1758) names, 'required no action' by the Commission. Cogger also voted against Proposal J(4) (to place *Tinaea* Geoffroy, 1762 on the Official Index) for the same reason. (*Editorial note.* It has long been the Commission's practice to enter on the Official Index junior homonyms and junior objective synonyms when these become apparent during the course of an application since this serves as a permanent record of the fact that such names cannot be used as valid). Heppell voted against the

proposals on section E commenting that, although the names *Tettigonia* Linnaeus, 1758 and *Teitigonia* Geoffroy, 1762 are not homonyms under the present Code (Article 56b), they were deemed to be so at the time (Opinion 299; October 1954) when Geoffroy's name was rejected by the Commission as a junior homonym and that ruling still stood. Thompson voted without comment against the proposals on section K.

Original references

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

- Altica* Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 244.
Anthrenus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 113.
Anthribus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 306.
aquaticus, *Oniscus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 637.
Asellus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 2, p. 671.
bipustulata, *Tritoma*, Fabricius, 1775, *Systema entomologiae* ..., p. 68.
boleti, *Chrysomela*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 371.
Bostrichus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 301.
Byrrhus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 108.
Byrrhus Linnaeus, 1767, *Systema Naturae*, Ed. 12, vol. 1, part 2, p. 568.
capucinus, *Dermestes*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 355.
caraboides, *Scarabaeus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 354.
Cerocoma Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 357.
cinnabarina, *Meloe*, Scopoli, 1763, *Entomologia carniolica*, p. 60.
Cistela Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 115.
coccinea, *Cantharis*, Linnaeus, 1761, *Fauna Suecica*, Ed. 2, p. 202.
Copris Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 87.
coriarius, *Cerambyx*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 389.
Crioceris Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 237.
Cryptocephalus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 231.
Cucujus Fabricius, 1775, *Systema entomologiae* ..., p. 204.
Cucujus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 123.
cylindricus, *Ptilinus*, Müller, 1776, *Zoologiae Danicae prodromus*, p. 81.
Diaperis Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 337.
Diplolepis Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 2, p. 308.
Eulophus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 2, p. 312.
fasciatus, *Anthribus*, Forster, 1770, *A catalogue of British insects*, p. 5.
fontisbellaquaei, *Omalisus*, Geoffroy in Fourcroy, 1785, *Entomologia Parisiensis*, vol. 1, p. 64.
Forbicina Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 2, p. 611.
Formicaleo Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 2, p. 256.
fuscus, *Ptilinus*, Geoffroy in Fourcroy, 1785, *Entomologia Parisiensis*, vol. 1, p. 4.
Galeruca Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 251.
gigas, *Ichneumon*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 560.
grossa, *Silpha*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 361.
Gyrinus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 193.
Hepa Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 479.
Hydrophilus Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 180.
lunaris, *Scarabaeus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 346.
Mantes Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 399.
Melolontha Fabricius, 1775, *Systema entomologiae* ..., p. 31.
Melolontha Geoffroy, 1762, *Histoire abrégée des insectes* ..., vol. 1, p. 195.
melolontha, *Scarabaeus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 351.
meridiana, *Leptura*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 398.
monoceros, *Attelabus*, Linnaeus, 1761, *Fauna Suecica*, Ed. 2, p. 185.

- natator*, *Dytiscus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 412.
Notoxus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 356.
oleracea, *Chrysomela*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 372.
Omalisus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 179.
Peltis Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 117.
Peltis Kugelann, 1792, *Neuestes Magazin für die Liebhaber der Entomologie*, 4: 508.
piceus, *Dytiscus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 411.
pilula, *Dermestes*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 356.
Pistella Müller, 1764, *Fauna insectorum Fridrichsdalina*, p. xiii.
Platycerus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 59.
Prionus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 198.
Ptilinus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 64.
Pyrochroa Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 338.
ramicornis, *Ichneumon*, Fabricius, 1781, *Species insectorum*, vol. 1, p. 441.
Rhinomacer Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 269.
rosae, *Cynips*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 553.
schaefferi, *Meloe*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 420.
scrophulariae, *Dermestes*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 356.
sericea, *Chrysomela*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 374.
Stenocorus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 221.
tanacetii, *Chrysomela*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 369.
Tritoma Fabricius, 1775, *Systema entomologiae ...*, p. 68.
Tritoma Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 1, p. 335.
Urocerus Geoffroy, 1762, *Histoire abrégée des insectes ...*, vol. 2, p. 264.

The following are the references for the designations of type species of Geoffroy's (1762) nominal genera:

- Alicia*: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 432.
Anthrenus: Mroczkowski, M. 1968. *Annales Zoologici*, 26: 139.
Anthribus: Jordan, K. 1931. *Novitates Zoologicae*, 36: 287.
Asellus: Fourcroy, A.F. 1785. *Entomologia Parisiensis*, vol. 2, p. 541.
Bostrichus: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 431.
Cerocoma: Fabricius, J.C. 1775. *Systema entomologiae*, p. 262.
Copris: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 428.
Crioceris: BZN 27: 12-13 (Opinion 908, June 1970).
Cryptocephalus: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 432.
Diaperis: Müller, O.F. 1776. *Zoologiae Danicae prodromus*, p. 74.
Diplolepis: Karsch, F.A.F. 1880. *Zeitschrift für die Gesamten Naturwissenschaften*, (3. F)5(53): 288.
Eulophus: Olivier, A.G. 1792. *Encyclopédie méthodique, histoire naturelle, insectes*, vol. 6, p. 454.
Galeruca: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 432.
Gyrinus: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 426.
Hydrophilus: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 428.
Notoxus: Latreille, P.A. 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 430.
Omalisus: Fourcroy, A.F. 1785. *Entomologia Parisiensis*, vol. 1, p. 64.

Platycerus: **Latreille, P.A.** 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 429.

Prionus: This Opinion, p. 60.

Ptilinus: **Müller, O.F.** 1776. *Zoologiae Danicae prodromus*, p. 81.

Pyrochroa: **Westwood, J.O.** [1838]. *Synopsis of the British insects*, p. 30. (Published with *An introduction to the modern classification of insects*, vol. 1, part 3).

Stenocorus: This Opinion, p. 60.

Urocerus: **Fourcroy, A.F.** 1785. *Entomologia Parisiensis*, vol. 2, p. 363.

The following are the references for the designations of type species of the nominal genera shown:

Byrrhus Linnaeus, 1767: **Latreille, P.A.** 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 428.

Peltis Kugelann, 1792: **Hope, F.W.** 1840. *The coleopterist's manual*, vol. 3. p. 150.

Tritoma Fabricius, 1775: **Latreille, P.A.** 1810. *Considerations générales sur ... les classes des crustacés, des arachnides et des insectes*, p. 432.