

ALLYGUS FIEBER, 1872 (INSECTA, HOMOPTERA): PROPOSED
DESIGNATION OF TYPE SPECIES. Z.N.(S.)2431

By Frej Ossiannilsson (*Källparksgatan 9, Uppsala S-754 32 Sweden*)

I propose that the International Commission on Zoological Nomenclature suppress all designations of type species made for the genus *Allygus* Fieber, 1872 prior to that made by Van Duzee, 1917. The purpose of the application is to preserve current usage of the names *Allygus* Fieber, 1872 and *Allygidius* Ribaut, 1948. The details of the case are set out below.

2. Fieber, 1872, listed the European Homoptera Auchenorrhyncha. On p. 13 he listed 21 species, subspecies and synonyms under *Allygus*. The list included *Allygus atomarius* "Ger." (i.e. Fabricius, 1794), *Allygus mixtus* "Ger." (i.e. Fabricius, 1794) and nine nomina nuda. No description of the genus *Allygus* was given in that paper.

3. Fieber, 1875, p. 410, erected *Allygus* as a 'new genus' in a key of genera. No species were mentioned.

4. Van Duzee, 1916, p. 73, designated *Allygus atomarius* (F.) (= *Cicada atomaria* Fabricius, 1794) as type species of *Allygus* Fieber, 1875.

5. Van Duzee, 1917, p. 675, designated *Cicada mixta* Fabricius as the type species of *Allygus* 'Scott' (sic). The reason for this was obviously that he regarded Scott, 1876, not Fieber as the author of *Allygus*. In Scott's paper only *mixtus* "Germar" (i.e. Fabricius) and *commutatus* Fieber were mentioned; *atomarius* "Kirschb." was included as a synonym of *commutatus*.

6. Ribaut, 1948, divided *Allygus* into three genera: *Allygidius* gen. nov. (type species '*Cercopis*' *atomaria* (F., 1794) = *Cicada atomaria* Fabricius, 1794); *Mimallygus* gen. nov. (type species *Jassus lacteinervis* Kirschbaum, 1868) and *Allygus* Fieber with type species *Jassus* (sic) *mixtus* F., 1794 = *Cicada mixta* Fabricius, 1794. It appears that Ribaut overlooked the oldest valid type-species designation by Van Duzee, 1916. This makes *Allygidius* Ribaut a junior objective synonym of *Allygus* Fieber, 1872. In spite of this, practically all authors have adopted the nomenclature established by Ribaut (see References).

7. Emelyanov, 1966, erected *Syringius* as a new subgenus of *Allygus* with type species *Allygus syrinx* Dlabola, 1961. That subgenus is then congeneric with *Allygus* if *Cicada mixta* Fabricius, 1794 is its type species.

8. If the Code is strictly applied, *Allygidius* Ribaut, 1948, must be treated as a junior objective synonym of *Allygus* Fieber, 1872. The generic concept of *Allygus* Ribaut *non* Fieber will be called *Syringius*, but the subgenus of which *Cicada mixta* Fabricius, 1794 is the type species will be left without a name. The International Commission on Zoological Nomenclature is therefore asked:

(1) to use its plenary powers to set aside all designation of type species made for *Allygus* Fieber, 1872 prior to the designation by Van Duzee, 1917, of *Cicada mixta* Fabricius, 1794 as type species of that genus;

(2) to place the following generic names on the Official List of Generic Names in Zoology:

(a) *Allygus* Fieber, 1872 (gender: masculine), type species, by subsequent designation by Van Duzee, 1917 as ratified under the plenary powers in (1) above, *Cicada mixta* Fabricius, 1794;

(b) *Allygidius* Ribaut, 1948 (gender: masculine), type species, by original designation, *Cicada atomaria* Fabricius, 1794;

(3) to place the following specific names on the Official List of Specific Names in Zoology:

(a) *mixta* Fabricius, 1794, as published in the binomen *Cicada mixta* (specific name of type species of *Allygus* Fieber, 1872);

(b) *atomaria* Fabricius, 1794, as published in the binomen *Cicada atomaria* (specific name of type species of *Allygidius* Ribaut, 1948).

REFERENCES

- EMEL'YANOV, A. F. 1966. New palaearctic and certain nearctic cicads (Homoptera Auchenorrhyncha). *Rev. entomol. URSS*, vol. 45, pp. 95-133.
- FABRICIUS, J. C. 1794. *Entomologia systematica*, vol. 4, 472 pp. Hafniae.
- FIEBER, F. X. 1872. *Katalog der Europäischen Cicadinen, nach Originalen mit Benützung der neuesten Literatur*, iv + 19 pp. Wien.
- 1875. Les Cicadines d'Europe d'après les originaux et les publications les plus récentes, première partie. *Rev. Mag. Zool.* vol. 3 (3), pp. 288-416.
- RIBAUT, H. 1948. Démembrement de quelques genres de Jassidae (Homoptera). *Bull. Soc. Hist. nat. Toulouse*, vol. 83, pp. 57-59.
- SCOTT, J. 1876. On certain British Hemiptera-Homoptera (*Athysanus*). *Entomol. mon. Mag.*, vol. 12, pp. 169-172.
- VAN DUZEE, E. P. 1916. *Check list of Hemiptera (except the Aphididae, Aleurodidae and Coccidae) of America north of Mexico*, 111 pp. New York.
- 1917. Catalogue of the Hemiptera of America north of Mexico except the Aphididae, Coccidae and Aleurodidae. *California Agric. Exper. Sta. entomol. tech. Bull.* vol. 2, xiv + 902 pp.

The names *Allygus* Fieber and *Allygidius* Ribaut are treated as denoting separate genera in the following major publications:

- EMEL'YANOV, A. F. 1964. Podotriad Cicadinea (Auchenorrhyncha) — tsikadovye. In *Opredelitel nasekomykh evropejskoj chasti SSSR*, vol. 1, pp. 337-437.

- LE QUESNE, W. J. 1969. Hemiptera (Cicadomorpha — Deltocephalinae). *Handbooks ident. British insects*. vol. 2, part 2(b), pp. 65–148. London.
- MITJAEV, D. 1971. Leafhoppers of Kazakhstan (Homoptera — Cicadinea). *The Determinant*. pp. 1–212. Alma Ata.
- NAST, J. 1976. Piewiki Auchenorrhyncha (Cicadodea). *Cat. faunae Poloniae*, vol. 21: 1, pp. 1–256.
- RIBAUT, H. 1952. Homoptères auchenorrhynches II (Jassidae). *Faune de France*, vol. 57, pp. 1–256. Paris.
- SERVADEI, A. 1967. Rhynchota (Heteroptera, Homoptera, Auchenorrhyncha) catalogo topografico et sinonimico. *Fauna d'Italia*, vol. 9, x+851 pp. Bologna.

(A list of references to 38 works by 21 different authors between 1950 and 1981 who use *Allygidius* Ribaut as a valid generic name is held in the Secretariat. R.V.M.)

This application is supported by Professor R. H. Cobben (*Department of Entomology, Wageningen*), Dr Walter J. Le Quesne (*Chesham, Bucks, U.K.*), Dr Janusz Nast (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) and Dr Rauno E. Linnavuori (*SF-21220 Somersoja, Finland*).



Ossiannilsson, Frej. 1983. "Allygus Fieber, 1872 (Insecta, Homoptera): proposed designation of type species. Z.N.(S.)2431." *The Bulletin of zoological nomenclature* 40, 119–121.

View This Item Online: <https://www.biodiversitylibrary.org/item/44482>

Permalink: <https://www.biodiversitylibrary.org/partpdf/31247>

Holding Institution

Natural History Museum Library, London

Sponsored by

Natural History Museum Library, London

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: International Commission on Zoological Nomenclature

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.