5. Application of the Code, without involving any plenary powers by the Commission, would result in regarding:

- (a) *Septotrochammina* Zheng, 1979, type species *Patellina plicata* Terquem, 1876, as a junior synonym of *Remaneica* Rhumbler, 1938, type species *Remaneica helgolandica* Rhumbler, 1938;
- (b) *Remaneicella* Brönnimann, Zaninetti and Whittaker, 1983, type species *Remaneica gonzalezi* Seiglie, 1964, as valid; and
- (c) the specimens misnamed *Septotrochammina plicata* (Terquem) by Zheng (1979) as *Remaneicella* sp. until they are restudied and, perhaps, renamed.

Comments on the proposed order of precedence of the family-group names ACRIDIDAE, OEDIPODIDAE and LOCUSTIDAE (Insecta, Orthoptera)

(Case 2568; see BZN 45: 191–193)

(1) R. F. Chapman

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As an entomologist who works on the fringes of grasshopper taxonomy, I am particularly concerned that the common usage of family-group names should be retained, which is that ACRIDIDAE has precedence over OEDIPODIDAE. That in turn should have precedence over LOCUSTIDAE (a name which in the past has been used in the sense of TETTIGONIIDAE).

The citation of LOCUSTINAE with a tribe OEDIPODINI in the ACRIDIDAE, as Harz (1975) has done, is likely to lead to enormous confusion if generally adopted. I urge that the recommendations by Key in BZN 45: 192–193 be adopted.

(2) A comment in support of the application has been received from Norman B. Tindale (2314 Harvard Street, Palo Alto, California 94306, U.S.A) and another from R. E. Blackith (Zoology Department, Trinity College, Dublin-2, Ireland).

(3) I. M. Kerzhner

(Zoological Institute, Academy of Sciences of the U.S.S.R., Leningrad 199034, U.S.S.R.).

Some details of Key's application (BZN 45: 191–193) need correction. The reference for LOCUSTIDAE should be W. Kirby (1825, p. 432), since the 'Locustariae' of Latreille (1802, p. 277) was based on *Locusta* sensu Geoffroy (1762), that is on *Gryllus* (*Tettigonia*) Linnaeus, 1758 and not on *Gryllus* (*Locusta*) Linnaeus [see note below by P. K. Tubbs].

The name *Acrydium* was introduced by Geoffroy (1762, p. 390) in a work which in 1954 was suppressed for nomenclatural purposes (Opinion 228). Together with other names it was next published by Müller (1764, p. xvii) in a table comparing Geoffroy's names with those published by Linnaeus. I have previously pointed out (BZN 38: 6–7) that such names have under the Code (Articles 50 and 51) the authorship Geoffroy in Müller, 1764, unless (as in 15 cases) the Commission has ruled them to be available from Geoffroy, 1762. The type species of *Acrydium* is *Gryllus* (*Locusta*) *stridulus*

Linnaeus, 1758 (p. 432) by the designation of Latreille (1810, pp. 249, 433), so it is a senior objective synonym of *Psophus* Fieber, 1853, which was placed on the Official List of Generic Names in Opinion 149 (1943).

Under Article 33 of the Code *Acridium* Müller, 1776 (p. 100) is an incorrect subsequent spelling of *Acrydium* Geoffroy in Müller, 1764, and the first publication of *Acridium* as an available emendation is by Illiger (1801, p. 126).

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I thank A. V. Gorokhov (Leningrad) for his assistance.

Additional references

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- Illiger, K.** 1801. Namen der Insekten-Gattungen, . . . *Magazin für Insektenkunde*, 1: 125–155.
- Kirby, W.** 1825. Some remarks on the nomenclature of the Gryllina of Macleay etc. with the characters of a new genus in that tribe. *Zoological Journal*, 1: 429–432.
- Latreille, P. A.** 1810. *Considérations générales sur l'ordre naturel des animaux composant les classes des Crustacés, des Arachnides, et des Insectes; avec un tableau méthodique de leurs genres, disposés en familles*. 444 pp. Schoell, Paris.

(4) P. K. Tubbs

Executive Secretary, International Commission on Zoological Nomenclature

In his comment above Dr Kerzhner has pointed out that the family-group name 'Locustariae' of Latreille (1802, p. 277) is not based on *Locusta* Linnaeus, 1758 (p. 431) but on *Tettigonia* Linnaeus, 1758 (p. 429); the same was suggested by Dr Key in correspondence with the Secretariat and also by Vickery & Kevan (1983, pp. 310, 689, 691). Inspection of the Linnaean species included by Latreille (1802) in his genus *Locusta* shows this to be the case, and later (1807) Latreille made his concepts of *Locusta* and *Acrydium* and their families explicitly clear: on p. 100: 'Genus LOCUSTA. Sauterelle. *Locusta* Geoff., de Geer, Fab., Oliv., Lam.,—*Gryllus* (*Tettigonia*) Linnaei'; on p. 104: 'Genus ACRYDIUM. Criquet. *Acrydium* Geoff., de Geer, Oliv., Lam.,—*Gryllus* (*Locusta*) Linn.' The *Locusta* of Latreille (and others) is thus a junior homonym of *Locusta* Linnaeus (type species much later fixed, in Opinion 158, as *Gryllus* (*Locusta*) *migratorius* Linnaeus, 1758), and 'Locustariae' is an invalid synonym of TETTIGONIIDAE Krauss, 1902 (p. 541). It is important that W. Kirby (1825, p. 432) be taken as the author of family-group names based on *Locusta* Linnaeus, or the 'havoc and confusion' to which Kirby himself referred (p. 430) will continue yet more. It was this confusion that led to the now accepted placing of Linnaeus' *Locusta* species in the OEDIPODIDAE by Walker (1870), who used LOCUSTIDAE in the tettigoniid sense of Latreille (and had ACRIDIDAE based on *Acridium* rather than on *Acrida* Linnaeus). It should be noted that the substitution of W. Kirby, 1825 for Latreille, 1802 as the author of LOCUSTIDAE does not affect the precedence proposals of Key (BZN 45: 192).

As stated by Key in para. 4 of his application, the names *Acrydium* and *Acridium* have not been used as valid for a very long time [this century], and have caused extreme taxonomic and nomenclatural confusion. The 'authorship' of these names is debatable (see comment by Dr Kerzhner). The Commission has already, in eight Opinions, ruled that 15 generic names in current use are to be taken as available from Geoffroy, 1762,

Kerzhner, Izyaslav M. 1989. "Comments On The Proposed Order Of Precedence Of The Family group Names Acrididae, Oedipodidae And Locustidae (Insecta, Orthoptera) (3.)." *The Bulletin of zoological nomenclature* 46, 42–43. <https://doi.org/10.5962/bhl.part.480>.

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