

OPINION 1521

***Eriophyes* von Siebold, 1851 and *Phytoptus* Dujardin, 1851 (Arachnida, Acarina): *Phytoptus pyri* Pagenstecher, 1857 and *Phytoptus avellanae* Nalepa, 1889 designated as the respective type species**

Ruling

- (1) Under the plenary powers:
 - (a) the following specific names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:
 - (i) *pseudogallarum* Vallot, 1836, as published in the binomen *Acarus pseudogallarum*;
 - (ii) *coryli* Frauenfeld, 1865, as published in the binomen *Phytoptus coryli*;
 - (iii) *coryligallarum* Targioni-Tozzetti, 1885, as published in the binomen *Phytoptus coryligallarum*;
 - (b) the specific name *avellanae* Sorauer, 1886, as published in the binomen *Caly-cophthora avellanae*, and all uses of that name prior to the publication of *Phyto-ptus avellanae* Nalepa, 1889, are hereby suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy.
- (2) Under the plenary powers all previous designations of type species for the nominal genera *Eriophyes* von Siebold, 1851 and *Phytoptus* Dujardin, 1851 are hereby set aside and *Phytoptus pyri* Pagenstecher, 1857 and *Phytoptus avellanae* Nalepa, 1889 are designated as the respective type species.
- (3) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Eriophyes* von Siebold, 1851 (gender: masculine), type species by designation under the plenary powers in (2) above, *Phytoptus pyri* Pagenstecher, 1857;
 - (b) *Phytoptus* Dujardin, 1851 (gender: masculine, type species by designation under the plenary powers in (2) above, *Phytoptus avellanae* Nalepa, 1889;
 - (c) *Aceria* Keifer, 1944 (gender: masculine), type species by original designation *Eriophyes tulipae* Keifer, 1938;
 - (d) *Colomerus* Newkirk & Keifer, 1971 (gender: masculine), type species by original designation *Eriophyes gardeniella* Keifer, 1964.
- (4) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *pyri* Pagenstecher, 1857, as published in the binomen *Phytoptus pyri* (specific name of the type species of *Eriophyes* von Siebold, 1851);
 - (b) *avellanae* Nalepa, 1889, as published in the binomen *Phytoptus avellanae* (specific name of the type species of *Phytoptus* Dujardin, 1851);
 - (c) *tulipae* Keifer, 1938, as published in the binomen *Eriophyes tulipae* (specific name of the type species of *Aceria* Keifer, 1944);
 - (d) *gardeniella* Keifer, 1964, as published in the binomen *Eriophyes gardeniella* (specific name of the type species of *Colomerus* Newkirk & Keifer, 1971).
- (5) The following names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology:
 - (a) *pseudogallarum* Vallot, 1836, as published in the binomen *Acarus pseudo-gallarum* and as suppressed in (1)(a)(i) above;

- (b) *coryli* Frauenfeld, 1865 as published in the binomen *Phytoptus coryli* and as suppressed in (1)(a)(ii) above;
- (c) *coryligallarum* Targioni-Tozzetti, 1885, as published in the binomen *Phytoptus coryligallarum* and as suppressed in (1)(a)(iii) above;
- (d) *avellanae* Sorauer, 1886, as published in the binomen *Calycophthora avellanae* and as suppressed in (1)(b) above.

History of Case 2044

An application for the designation of type species in accordance with established usage for *Eriophyes* von Siebold, 1851 and *Phytoptus* Dujardin, 1851 was received from Dr V. G. Shevtchenko (*Vice President of the Acarology Section, All-Union Entomological Society, U.S.S.R.*) on 18 April 1973. The case was published in BZN 30: 196–197 (June 1974). The Commission voted on the case in 1977 and by 18 to 3 supported the proposals. However, an Opinion was not published as it became apparent during the voting period that there were problems with the proposed type species for both genera. A revised application by Drs E. E. Lindquist (*Biosystematics Research Centre, Ottawa, Canada*) and D. C. M. Manson (*Ministry of Agriculture and Fisheries, Auckland, New Zealand*) was published in BZN 44: 41–43 (March 1987). Notice of the case was sent to appropriate journals. Two supportive comments for the revised application were published in BZN 44: 200 (September 1987), together with a note of 14 other comments in support. Three additional supportive comments were received from Mr F. Kadono (*Chiba Prefectural Agricultural College, Togane, Japan*), Dr Badawi A. Abou-Awad (*National Research Centre, Cairo, Egypt*) and Dr G. J. de Moraes (*Empresa Brasileira de Pesquisa Agropecuaria, Embrapa, Brazil*).

Decision of the Commission

On 1 September 1988 the members of the Commission were invited to vote on the proposals published in BZN 44: 42–43. At the close of the voting period on 1 December 1988 the votes were as follows:

Affirmative votes — 17: Bayer, Cocks, Corliss, Hahn, Halvorsen, Heppell, Kabata, Kraus, Lehtinen, Melville, Mroczkowski, Ride, Savage, Schuster, Starobogatov, Uéno, Willink

Negative votes — none.

No votes were returned by Dupuis, Gruchy and Trjapitzin.

Cogger, Holthuis and Thompson were on leave of absence.

Original references

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

- Aceria* Keifer, 1944, *Bulletin of the California Department of Agriculture*, 33(1): 22.
- avellanae*, *Calycophthora*, Sorauer, 1886, *Handbuch der Pflanzenkrankheiten*, Ed. 2, vol. 1, p. 827.
- avellanae*, *Phytoptus*, Nalepa, 1889, *Sitzungsberichte der Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Classe, Wien*, 98(1): 126.
- Colomerus* Newkirk & Keifer, 1971, *Eriophyid Studies, C-5, Agriculture Research Service, U.S. Department of Agriculture*, p. 6.
- coryli*, *Phytoptus*, Frauenfeld, 1865, *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien*, 15: 263.
- coryligallarum*, *Phytoptus*, Targioni-Tozzetti, 1885, *Atti della R. Accademia economica-agrario dei Georgofili di Firenze*, 1885: 32.

- Eriophyes* von Siebold, 1851, *Jahresbericht der schlesischen Gesellschaft für vaterländische Kultur*, **28**: 89.
- gardeniella*, *Eriophyes*, Keifer, 1964, *Eriophyid Studies B-12*, California Department of Agriculture, p. 9.
- Phytoptus* Dujardin, 1851, *Annales des Sciences naturelles (Zoology)*, (3)**15**: 167.
- pseudogallarum*, *Acarus*, Vallot, 1836, *Mémoires de l'Académie des Sciences, Arts et Belles-Lettres de Dijon*, **1836**: 189.
- pyri*, *Phytoptus*, Pagenstecher, 1857, *Verhandlungen des naturhistorisch-medicinischen Vereins zu Heidelberg*, **1**(2): 48.
- tulipae*, *Eriophyes*, Keifer, 1938, *Bulletin of the California Department of Agriculture*, **7**(2): 185.



International Commission on Zoological Nomenclature. 1989. "Opinion 1521."
The Bulletin of zoological nomenclature 46, 58–60.

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