PROPOSED SUPPRESSION OF *XIPHIDIUM GLABERRIMUM*
BURMEISTER, 1838, AND *ORCHELIMUM CUTICULARE*
AUDINET-SERVILLE, 1838, AND PROPOSED ADDITION OF
*ORCHELIMUM VULGARE* HARRIS, 1841, TO THE OFFICIAL
LISTS (INSECTA, GRYLLOPTERA). Z.N.(S.) 2060

By V. R. Vickery (Lyman Entomological Museum and Research Laboratory,
Macdonald Campus, McGill University, Ste. Anne de Bellevue,
Province of Quebec, Canada, H9X 3MI)

The object of this submission is to stabilize *Orchelimum vulgare* Harris
1841, a name which has had uninterrupted use for 64 years.

Prior to 1915, two names, *Orchelimum glaberrimum* (Burmeister, 1838) and
*Orchelimum vulgare* Harris, 1841, were confused (Rehn and Hebard, 1915).
Rehn and Hebard (op. cit.) synonymized *Orchelimum cuticulare* Audinet-
Serville 1838, with *O. glaberrimum* and, in error, also included *Orchelimum
erthrocephalum* Davis 1905. They stated that the types of both *glaberrimum*
and *cuticulare* were lost. A search of repositories in Europe, during 1973,
revealed that the type of *cuticulare* is indeed lost. However, the specimens
used by Burmeister in describing *glaberrimum* were found, not in Halle where
they were supposed to have been deposited, but in the Zoologisches Museum
für Naturkunde, Humboldt Universität, Berlin. There is no doubt regarding
the identity of the specimens. However, they are conspecific with *O. vulgare*
Harris, not with *O. erythrocephalum* Davis, as Rehn and Hebard (op. cit.) had
indicated.

Vickery and Johnstone (1974) pointed out the synonymy of the two names;
designated a lectotype for *Xiphidium glaberrimum* Burmeister, 1838; designated
the same specimen as neotype for *Orchelimum cuticulare* Audinet-Serville, 1838;
designated a neotype for *Orchelimum vulgare* Harris 1841; and removed
*Orchelimum erythrocephalum* Davis, 1905, from synonymy with *O. glaberrimum*.
Vickery and Johnstone (op. cit.) also stated clearly that the name *vulgare*
should continue to be used for the species in question pending a submission to the
International Commission on Zoological Nomenclature to suppress *glaberrimum*
and *cuticulare*.

The name *glaberrimum* was in a confused state prior to 1915 (Rehn and
Hebard, 1915), and since that time has been misapplied (to *erythrocephalum*) by
the few authors who used it. Blatchley (1920) mentioned but did not accept
the name. In contrast, the name *vulgare* has been in continuous use and,
since 1915, has not been confused with other names (Blatchley, 1920; Hebard
1925, 1932; Hendrickson, 1928, 1930; Knutson and Jaques, 1935; Urquhart,
1941a, 1941b; Froeschner 1954; Walker in Urquhart, 1957; Vickery and Kevan,
1967 and others). The name *cuticulare* has not appeared in the literature
except as a junior synonym (Rehn and Hebard, 1915; Blatchley, 1920) and
designation as type species of *Orchelimum* by Kirby (1906).

Article 23 (a-b) of the International Code of Zoological Nomenclature
states that application of the Law of Priority should not “disturb stability”
or “cause confusion”. The application of priority in the case at hand would disrupt stability and cause confusion. Therefore, the Commission is petitioned to take the following actions:

(1) to use its plenary powers to suppress the following specific names for the purposes of the Law of Priority but not for those of the Law of Homonymy:

(a) **glaberrimum** Burmeister, 1838, as published in the binomen *Xiphidiunm glaberrimum* (*Handb. Ent. 2* (2), Pt 1 : 707);
(b) **cuticulare** Audinet-Serville, 1838, as published in the binomen *Orchelimum cuticulare* (*Hist. nat. Insectes Orth.*: 523–524);


(3) to place on the Official List of Specific Names in Zoology, the name *vulgare* Harris, 1841, as published in the binomen *Orchelimum vulgare* (*Rept. Ins. Mass. inj. Veg.*, p. 130);

(4) to place on the Official Index of Rejected and Invalid Specific Names in Zoology:

(a) **glaberrimum** Burmeister, 1838, as published in the binomen *Xiphidium glaberrimum* and suppressed under the plenary powers in (1) above;
(b) **cuticulare** Audinet-Serville, 1838, as published in the binomen *Orchelimum cuticulare* and suppressed under the plenary powers in (1) above.

**References**

Those references marked with an asterisk fulfil the requirements laid down in Article 79(b) for the suppression of unused senior synonyms.


View This Item Online: https://www.biodiversitylibrary.org/item/44473
Permalink: https://www.biodiversitylibrary.org/partpdf/35912

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.
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.