

Case 2896***Scottia* Brady & Norman, 1889 (Crustacea, Ostracoda): proposed designation of *Scottia pseudobrowniana* Kempf, 1971 as the type species**

Eugen K. Kempf

Geological Institute, University at Cologne, Zulpicher Str. 49,
D-50674 Köln, Germany

Abstract. The purpose of this application is to designate *Scottia pseudobrowniana* Kempf, 1971 as the type species of the ostracod genus *Scottia* Brady & Norman, 1889. The genus was originally based on *S. pseudobrowniana*, the only known living European species, but the specimens were at that time misidentified as *S. browniana* (Jones, 1850), a species known only in the fossil state.

1. Jones (1850, p. 25) described *Cypris browniana* from Pleistocene freshwater deposits at Clacton, Essex, England.

2. Brady (1887, p. 330) reported living specimens of '*Cypris browniana* Jones' from pools by the side of Loch Fadd, Isle of Bute, Scotland. His determination of these specimens was solely based on comparison with the figures given by Jones ([1857], pl. 1, figs. 1 & 2) for *Cypris browniana* and *Cypris browniana tumida*.

3. Brady & Norman (1889, p. 72, pl. 9, figs. 23 & 24, pl. 11, figs. 19–25) established the new genus *Scottia*. Only one species was assigned to the genus, namely *Cypris browniana* Jones, 1850, so this is the type species by monotypy. The descriptions given by Brady & Norman for the genus *Scottia* and for *S. browniana* were entirely based on the living material from the Isle of Bute. Their illustrations included not only two figures of a female carapace but also eight figures of soft parts of a male animal. Fossil occurrences were mentioned only by citing the paper of Jones ([1857], originally cited as 1856 but actually published in February, 1857).

4. I (Kempf, 1971) published a monographic revision of all living and fossil representatives of the genus *Scottia* then known from Europe. With the aid of colleagues at the Natural History Museum in London it was not only possible to trace the extant specimens from the Isle of Bute (Brady, 1887; Brady & Norman, 1889) deposited in the Department of Zoology, but also the Pleistocene specimens from Clacton (Jones, 1850, [1857]), deposited in the Department of Palaeontology. The main result of this revision was the discovery that the extant specimens from the Isle of Bute are congeneric but not conspecific with the Pleistocene specimens of *Scottia browniana* (Jones, 1850) from Clacton. I consequently used these Isle of Bute specimens to describe (p. 45) the new species *S. pseudobrowniana* Kempf, 1971, the holotype being BM(NH) Zoology Department no. 1900-3-6-35A.

5. The separation of *Scottia pseudobrowniana* Kempf, 1971 from *Scottia browniana* (Jones, 1850) has been widely accepted by other ostracodologists (e.g. Absolon, 1973; De Deckker, 1980; Diebel & Pietrzeniuk, 1977 & 1984; Meisch, 1987; Henderson, 1990; a list of 24 references is held by the Commission Secretariat and

a further detailed list of literature citations is noted in Kempf, 1980, 1991 and in preparation).

6. In accordance with Article 70b of the Code the case is referred to the Commission. I propose the designation of *S. pseudobrowniana* Kempf, 1971 as the type species of *Scottia* Brady & Norman, 1889 since this taxon was that actually involved, but wrongly identified, when the nominal genus was established.

7. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary powers to set aside all previous fixations of type species for the nominal genus *Scottia* Brady & Norman, 1889, and to designate *Scottia pseudobrowniana* Kempf, 1971 as the type species;
- (2) to place on the Official List of Generic Names in Zoology the name *Scottia* Brady & Norman, 1889 (gender: feminine), type species by designation in (1) above *Scottia pseudobrowniana* Kempf, 1971;
- (3) to place on the Official List of Specific Names in Zoology the name *pseudobrowniana* Kempf, 1971, as published in the binomen *Scottia pseudobrowniana* (specific name of the type species of *Scottia* Brady & Norman, 1889).

References

- Absolon, A. 1973. Ostracoden aus einigen Profilen spät- und postglazialer Karbonatablagerungen in Mitteleuropa. *Mitteilungen der Bayerischen Staatssammlung für Paläontologie und Historische Geologie*, 13(1): 47–94.
- Brady, G.S. 1887. Notes on Entomostraca. *Annual Report of the Fishery Board for Scotland*, Appendix F, No. 11, 5: 328–330.
- Brady, G.S. & Norman, A.M. 1889. A monograph of the marine and freshwater Ostracoda of the North Atlantic and of North-Western Europe. Section 1. Podocopa. *Scientific Transactions of the Royal Dublin Society*, (2)4(2): 63–270.
- De Deckker, P. 1980. On *Scottia audax* (Chapman). *Stereo-Atlas of Ostracod Shells*, 7(8): 37–44.
- Diebel, K. & Pietrzeniuk, E. 1977. Ostracoden aus dem Travertin von Taubach bei Weimar. *Quartärpaläontologie*, 2: 119–137.
- Diebel, K. & Pietrzeniuk, E. 1984. Jungpleistozäne Ostrakoden aus Sedimenten der Parkhöhlen von Weimar. *Quartärpaläontologie*, 5: 285–319.
- Henderson, P.A. 1990. Freshwater ostracods — keys and notes for the identification of the species. *Synopses of the British Fauna*, (N.S.)42: 1–228.
- Jones, T.R. 1850. Description of the Entomostraca of the Pleistocene beds of Newbury, Copford, Clacton and Grays. *Annals and Magazine of Natural History*, (2)6: 25–28.
- Jones, T.R. [1857]. A monograph of the Tertiary Entomostraca of England. *Palaeontographical Society (Monographs)*, 9: 1–68.
- Kempf, E.K. 1971. Ökologie, Taxonomie und Verbreitung der nichtmarinen Ostrakoden-Gattung *Scottia* im Quartär von Europa. *Eiszeitalter und Gegenwart*, 22: 43–63.
- Kempf, E.K. 1980. Index and bibliography of nonmarine Ostracoda, 4: Bibliography A. *Sonderveröffentlichungen des Geologischen Institutes der Universität zu Köln*, 38: 1–186.
- Kempf, E.K. 1991. Index and bibliography of nonmarine Ostracoda, 5: Bibliography B. *Sonderveröffentlichungen des Geologischen Institutes der Universität zu Köln*, 77: 1–238.
- Kempf, E.K. [In preparation]. Index and bibliography of nonmarine Ostracoda, 9: Bibliography C. *Sonderveröffentlichungen des Geologischen Institutes der Universität zu Köln*.
- Meisch, C. 1987. Liste commentée des ostracodes trouvés au Luxembourg (Crustacea, Ostracoda). *Archives de l'Institut Grand-Ducal de Luxembourg, section des sciences naturelles, physiques et mathématiques*, (N.S.)40: 47–51.



Kempf, Eugen Karl. 1994. "Scottia Brady And Norman, 1889 (Crustacea, Ostracoda): Proposed Designation Of Scottia Pseudobrowniana Kempf, 1971 As The Type Species." *The Bulletin of zoological nomenclature* 51, 304–305.
<https://doi.org/10.5962/bhl.part.7230>.

View This Item Online: <https://www.biodiversitylibrary.org/item/44552>

DOI: <https://doi.org/10.5962/bhl.part.7230>

Permalink: <https://www.biodiversitylibrary.org/partpdf/7230>

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>.