

Brit. Moll.' (referring to the name in Leach's [1818] manuscript and its 1847 publication (*Annals and Magazine of Natural History*, 20: 268)) after 'Leach MSS 1819'.

8. It is thus evident that the spellings *Haminoea* and *Haminea* arose from the name *Haminaea* in Leach's widely circulated [1818] and [1820] manuscripts, where the name was spelt with an 'ae' diphthong. As mentioned in para. 2 above, all three spellings of the name are in use. The original application sought to conserve the spelling *Haminoea*; however, stability in the nomenclature would be better served by conserving *Haminaea*, Leach's original spelling and the source of the other two, through a Commission ruling that the name *Haminaea* be deemed available from Leach, [1820]. In 1847 Gray, in his introduction to Leach's *Classification* (p. 267), wrote 'I am much inclined, as these names were for years exhibited in the Museum collection and in the cabinets of Mr Stephens, the late Mr James Sowerby, my own and others, to regard them as published and having priority from 1818'. However, Gray's 1847 published text of Leach's [1818] paper indicates that the name *Haminaea* was probably a nomen nudum in 1818 (there is no copy of this manuscript in the Natural History Museum, London). In the [1820] page proofs of Leach's *Synopsis* the genus and species are described on p. 57 (see also p. 40 of the work as published by Gray in 1852) and the name would be available. It is proposed that only the name *Haminaea* should be made available from Leach's [1820] manuscript; no other names in current usage are attributed to Leach's [1818] or [1820] works and disturbance in mollusc nomenclature would be caused in making the whole of these manuscripts available. To avoid any confusion in the future about the availability of other names, we propose that Leach's *Classification of the British Mollusca* [1818] and *Synopsis of Mollusca of Great Britain* [1820] be suppressed for nomenclatural purposes.

9. Leach's [1820] MS included three species in *Haminaea*: *H. cuvieri*, *H. dilatata* and *H. elegans*, *H. cuvieri* being a replacement name for *Bulla hydatis* auctt. *B. hydatis* Linnaeus, 1758 was excluded from *Haminaea* as Leach believed this 'belonged to a very different genus', but [Turton] in Turton & Kingston (1830, genus no. 63) noted that *Haminoea* (sic) included *B. hydatis*, and Gray (1847 (November), p. 161) designated *B. hydatis* as the type species of *Haminea* (recte *Haminaea*; see para. 7) 'Leach MSS 1819'; neither Turton nor Gray cited an author for *hydatis*. Brown (1844, p. 57) and Jeffreys (1867, p. 439) considered *hydatis* auctt. (= *cuvieri* Leach) to be included in *hydatis* Linnaeus, while Forbes & Hanley (1853, p. 531) thought that it was 'probably' included. Herrmannsen (1852, p. 60) gave *hydatis* Linnaeus as the type species of *Haminaea*. Pilsbry (1895, p. 352), Winckworth (1932, p. 231), Zilch (1959, p. 41 (citing the generic name as '*Haminaea* Turton & Kingston, 1830')) and Cernohorsky (1985, p. 63 (citing the name as '*Haminea* Leach in Gray, 1847')) accepted *Bulla hydatis* Linnaeus, 1758 as the type species.

10. As mentioned in the original application (BZN 44: 166, para. 5), the family-group name HAMINEINAE (= HAMINEIDAE) Pilsbry, 1895 (p. 351) was based on the spelling *Haminea*. However, Pilsbry's list of authors who had previously used the generic name (p. 352) included '*Haminea* Leach MS. Gray, P.Z.S., 1847 p. 161' and '*Haminaea* Leach, Moll. Gt. Brit., p. 40, 1852'. The name *Haminea* was an incorrect subsequent spelling or unjustified emendation of Leach's *Haminaea* (para. 7 above) and it is proposed that the spelling HAMINAEIDAE be formally adopted.

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



- (1) to use its plenary powers:
  - (a) to suppress for nomenclatural purposes the works *The classification of the British Mollusca* [1818] and *A synopsis of the Mollusca of Great Britain* [1820] by W.E. Leach;
  - (b) to rule that the generic name *Haminaea* Leach is deemed to be available in *A synopsis of the Mollusca of Great Britain* [1820], despite suppression of the work in (1)(a) above;
  - (c) to set aside all previous fixations of type species for the nominal genus *Haminaea* Leach, [1820] and to designate *Bulla hydatis* Linnaeus, 1758 as the type species;
- (2) to rule that the correct original spelling of the family-group name HAMINEIDAE Pilsbry, 1895 is deemed to be HAMINAEIDAE;
- (3) to place on the Official List of Generic Names in Zoology the name *Haminaea* Leach, [1820] (gender: feminine), type species by designation in (1)(c) above *Bulla hydatis* Linnaeus, 1758;
- (4) to place on the Official List of Specific Names in Zoology the name *hydatis* Linnaeus, 1758, as published in the binomen *Bulla hydatis* (specific name of the type species of *Haminaea* Leach, [1820]);
- (5) to place on the Official List of Family-Group Names in Zoology the name HAMINAEIDAE Pilsbry, 1895 (spelling emended in (2) above) (type genus *Haminaea* Leach, [1820]);
- (6) to place the following names on the Official Index of Rejected and Invalid Generic Names in Zoology:
  - (a) *Haminoea* [Turton] in Turton & Kingston in Carrington, 1830, an incorrect subsequent spelling of *Haminaea* Leach, [1820];
  - (b) *Haminea* Gray, 1847, an incorrect subsequent spelling of *Haminaea* Leach, [1820];
- (7) to place on the Official Index of Rejected and Invalid Family-Group Names in Zoology the name HAMINEIDAE Pilsbry, 1895 (spelling emended to HAMINAEIDAE in (2) above).
- (8) to place on the Official Index of Rejected and Invalid Works in Zoology the papers *The classification of the British Mollusca* [1818] and *A synopsis of the Mollusca of Great Britain* [1820] by W.E. Leach, as suppressed in (1)(a) above.

### Acknowledgement

We thank Dr Robert Burn for his interesting and helpful letter on *Haminaea* which included a number of additional references.

### References

- Bourguignat, J.R.** 1861. *Étude synonymique sur les mollusques des Alpes Maritimes publiés par A. Risso en 1826*. 84 pp., 1 pl. Baillière, Paris.
- Brown, T., Captain.** 1827. *Illustrations of the conchology of Great Britain and Ireland*. v pp., 52 pls. Lizars, Edinburgh.
- Brown, T., Captain.** 1844. *Illustrations of the recent conchology of Great Britain and Ireland...* xiii, 145 pp., 59 pls. Smith, Elder & Co., London.
- Cernohorsky, W.O.** 1985. The taxonomy of some Indo-Pacific Mollusca Part 12. With remarks on two American gastropod species. *Records of the Auckland Institute and Museum*, **22**: 47–67.



- Forbes, E. & Hanley, S.** 1853. *A History of British Mollusca and their shells*, vol. 3. 616 pp. Van Voorst, London.
- Gray, J.E.** 1840. *Manual of the land and fresh-water shells of the British Islands, with figures of each of the kinds, by William Turton, M.D. A new edition, thoroughly revised and much enlarged*. ix, 324 pp., 12 pls. Longman, Orme, Brown, Green & Longmans, London.
- Gray, J.E.** 1847 (November). A list of the genera of recent Mollusca, their synonyma and types. *Proceedings of the Zoological Society of London*, **15**: 129–219.
- Herrmannsen, A.N.** 1846–1849. *Indicus generum Malacozoorum primordia*, vol. 1, xxvii, 636 pp. (1846); vol. 2, xlii, 717 pp. (1847–1849). Fischer, Cassellis.
- Herrmannsen, A.N.** 1852. *Indicus generum Malacozoorum. Supplementa et corrigenda*, v, 140 pp. Fischer, Cassellis.
- Iredale, T.** 1914. On some invalid generic names. *Proceedings of the Malacological Society of London*, **11**(3): 170–178.
- Jeffreys, J.G.** 1867. *British Conchology, or an account of the Mollusca which now inhabit the British Isles and the surrounding seas*, vol. 4. 486 pp., 8 pls. Van Voorst, London.
- Knight, G.A.F.** 1900. The etymology of the names *Azeca* and *Assimineia*. *Journal of Conchology*, **9**(9): 271–276.
- Leach, W.E.** [1818]. *The classification of the British Mollusca*. (Page proofs, unpublished, not seen).
- Leach, W.E.** [1820]. *A synopsis of the Mollusca of Great Britain*. 1–160, 179–192 pp., 2, 6–10 pls. (Page proofs, unpublished, in the Natural History Museum, London, and perhaps elsewhere).
- Leach, W.E.** 1847 (October). In Gray, J.E. (Ed.). The classification of the British Mollusca. *Annals and Magazine of Natural History*, **20**(133): 267–273.
- Leach, W.E.** 1852. In Gray, J.E. (Ed.), *A synopsis of the Mollusca of Great Britain*. 376 pp., pls. 2–13. Van Voorst, London.
- McMillan, N.F.** 1961. Book notes, especially relating to Turton's works. *Journal of Conchology*, **25**(1): 36–38.
- Pilsbry, H.A.** 1895. *Tryon's manual of Conchology; structural and systematic*, vol. 15. 436 pp. Academy of Natural Sciences, Philadelphia.
- Risso, A.** 1826. *Histoire naturelle des principales productions de l'Europe méridionale et particulièrement de celles des environs de Nice et des Alpes Maritimes*, vol. 4 (Aperçu sur l'histoire naturelle des mollusques... et des coquilles; Observations sur différents annélides...). 439 pp., 12 pls. Levrault, Paris.
- Thompson, T.E.** 1976. *Biology of opisthobranch molluscs*, vol. 1. 207 pp., 21 pls. Ray Society, London.
- Thompson, T.E.** 1988. *Molluscs: benthic opisthobranchs (Mollusca: Gastropoda). Keys and notes for the identification of the species*. 356 pp., 146 pls. (Synopsis of the British fauna, new series, No. 8, Ed. 2). Brill, Leiden.
- Thompson, T.E. & Brown, G.H.** 1976. *British opisthobranch molluscs (Mollusca; Gastropoda): keys and notes for the identification of the species*. 203 pp., 1 pl., 105 figs. (Synopsis of the British fauna, new series, No. 8). Academic Press, London.
- [Turton, W.]** [1817]. *Conchology. An enumeration of such marine shells as have been found on the adjacent coasts* (20 pp., unpaginated) in Anon, *A guide to the watering places on the coast between the Exe and the Dart; including Teignmouth, Dawlish and Torquay...with a short description of the neighbourhood*. Introduction, pp. v–viii; part 1 (Teignmouth), 1–98 pp.; part 2 (Dawlish and its vicinity), 1–84 pp.; part 3 (Torquay and its vicinity), 5–72 pp. Teignmouth.
- Turton, W.** 1831. *A manual of the land and fresh-water shells of the British Islands...* viii, 152 pp., 10 pls. Longman, Rees, Orme, Brown & Green, London.
- Turton, W. & Kingston, J.F.** 1830. Part 2, *The natural history of the district; or, lists of the different species of animals, vegetables and minerals, and their respective localities, scientifically arranged...* (c. 200 pp., unpaginated) in Carrington, N.T. et al., *The Teignmouth, Dawlish and Torquay guide...* (Part 1 has 230 pp., paginated). Teignmouth.
- Winckworth, R.** 1932. The British marine Mollusca. *Journal of Conchology*, **19**(7): 211–252.



- Woodward, B.B.** 1904, 1910, 1915. *Catalogue of the library of the British Museum (Natural History)*, vol. 2 (E-K), pp. 501–1038 (1904); vol. 3 (L-O), pp. 1039–1494 (1910); vol. 5 (SO-Z), pp. 1957–2403 (1915). British Museum (Natural History), London.
- Zilch, A.** 1959. Part 2 (Euthyneura) in Wenz, W. (Ed.), vol. 6 (Gastropoda) of Schindewolf, O.H. von (Ed.), *Handbuch der Paläozoologie*. xii, 834 pp. Borntraeger, Berlin.



Backeljau, Thierry. 1990. "Kobeltia Seibert, 1873 (Mollusca, Gastropoda): proposed confirmation of *Arion hortensis* Férussac, 1819 as the type species." *The Bulletin of zoological nomenclature* 47, 270–273.  
<https://doi.org/10.5962/bhl.part.2738>.

**View This Item Online:** <https://www.biodiversitylibrary.org/item/44488>

**DOI:** <https://doi.org/10.5962/bhl.part.2738>

**Permalink:** <https://www.biodiversitylibrary.org/partpdf/2738>

#### **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>.