

## ANNOTATED BIBLIOGRAPHY OF HERON-ALLEN'S SCIENTIFIC (MAINLY FORAMINIFERAL) PUBLICATIONS, HOUSED IN THE NATURAL HISTORY MUSEUM, LONDON

Heron-Allen's foraminiferal collections and associated library, bequeathed to The Natural History Museum, London, are now housed in a special room on the second floor of the Department of Palaeontology (The Heron-Allen Library), named in his honour. The strength of his library is not just the books, reprints and manuscripts in themselves, but the ephemera which Heron-Allen bound with them. For his own publications these include the associated correspondence, photographs, field-notes, the various proof stages, miscellaneous invoices, artwork, as well as postcards and letters from recipients of his reprints - we try to list the most important items in our annotations, below. Other items are contained in a series of bound volumes of his researches (all in **Bookcase H**), the full contents of which will be published elsewhere. Without doubt, this serves to make his library a very fertile archive for future research. Not only did Heron-Allen lavishly bind his books and reprints, but each contains a bookplate with the Heron-Allen crest and motto. So far, six different versions have been found.

In the bibliographic notes that follow, **VO** "*Variorum de foraminiferis opuscula*" and refers to bound volumes of foraminiferal reprints housed in the Heron-Allen Library, e.g. **VO: 75.2** refers to volume 75, paper 2. All other bound reprints and books are to be found in **Bookcase H** in the same library (except where otherwise stated).

1. 1894. *Prolegomena towards the study of the Chalk foraminifera. An elementary paper on the collection, preparation, examination, identification and mounting of foraminifera from the Chalk, illustrated by a study of the Chalk from the Twyford-Maidenhead railway cutting.* London: H.S. Nichols & Co. Pp 36.  
**Notes:** It was published privately (price 2/-) after the manuscript had initially been turned down by the Royal Microscopical Society. Bound with Heron-Allen's personal copy are two sets of proofs and numerous letters (many of these from Charles Elcock and Fortescue W. Millett). There is also a newspaper cutting from the *Belfast News-Letter* of 11 February 1910, recording the death of Charles Elcock.
2. 1908-1911. [with EARLAND, A.] *The Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex.* London: William Clowes & Sons.  
**Notes:** Contains the eight contributions (nos. **3-6, 8, 13-15** listed below) plus a copy of *Prolegomena towards the study of the Chalk foraminifera* (no. **1**) (with a new title page as cited above, table of contents and map of the Selsey Peninsula, all specially printed by William Clowes). This seems to have been a special bound set of reprints (each retaining the original pagination) which had limited distribution. Another separately bound copy also contains the original drawings, proofs and correspondence.
3. 1908. [with EARLAND, A.] On *Cycloloculina*, a new generic type of the Foraminifera. With a preliminary study of the foraminiferous deposits and shore-sands of Selsey Bill. *Journal of the Royal Microscopical Society, London* **1908**: 529-543.
4. 1909. [with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 2. Miliolidae: Nubecularinae, Miliolinae, Hauerininae, Peneroplidinae, Alveolininae. Astrorhizidae: Saccammininae. Lituolidae: Lituolinae, Trochammininae. Textularidae: Textularinae. *Journal of the Royal Microscopical Society, London* **1909**: 306-336.

5. 1909. [with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 3. Lagenidae: Lageninae, Nodosarinae, Polymorphininae. Globigerinidae. Rotalidae: Spirillinae, Rotalinae. *Journal of the Royal Microscopical Society, London* **1909**: 422-446.
6. 1909.[with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 4. Rotalidae: Rotalinae, Tinoporinae. Nummulinidae: Polystomellinae, Nummulitinae. *Journal of the Royal Microscopical Society, London* **1909**: 677-698.
7. 1909. [with EARLAND, A.] On a new species of *Technitella* from the North Sea, with some observations upon selective power as exercised by certain species of arenaceous foraminifera. *Journal of the Quekett Microscopical Club* (series 2), **10**: 403-412.  
**Note: VO: 3.19.**
8. 1910. [with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 5. The Cretaceous Foraminifera. *Journal of the Royal Microscopical Society, London* **1910**: 401-426.
9. 1910. [with EARLAND, A.] Notes on British foraminifera - 1. The collection of living specimens. *Knowledge* (with which is included *Hardwicke's science gossip* and *Illustrated scientific news*) **33** (no. 504): 285-286.  
**Note: VO: 14.8.**
10. 1910. [with EARLAND, A.] Notes on British foraminifera - 2. *Massilina secans* (d'Orbigny). *Knowledge* **33** (no. 505): 304-306.  
**Note: VO: 14.8.**
11. 1910. [with EARLAND, A.] Notes on British foraminifera - 3. *Polystomella crispa* (Linné). *Knowledge* **33** (no. 506): 376-379.  
**Note: VO: 14.8.**
12. 1910. [with EARLAND, A.] Notes on British foraminifera - 4. *Haplophragmium agglutinans* (d'Orbigny), *Haplophragmium canariense* (d'Orbigny). *Knowledge* **33** (no. 508): 421-425.  
**Note: VO: 14.8.**
13. 1910. [with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 6. A contribution towards the aetiology of *Massilina secans* (d'Orbigny). *Journal of the Royal Microscopical Society, London* **1910**: 693-695.
14. 1911. [with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 7. Supplement (addenda et corrigenda). *Journal of the Royal Microscopical Society, London* **1911**: 298-343.
15. 1911. [with EARLAND, A.] On the Recent and fossil foraminifera of the shore-sands at Selsey Bill, Sussex - 8. Tabular list of species and localities. *Journal of the Royal Microscopical Society, London* **1911**: 436-448.
16. 1911. *Selsey Bill: historic and pre-historic*. London: Duckworth & Co. Pp. xvi, 404.  
**Notes:** The great book on Selsey, which perhaps ought to offer more credit to the role of the Rev. J. Cavis-Brown, vicar of Selsey, who had long planned such a book, to which Heron-Allen would contribute specific chapters. When the Rev. Cavis-Brown died in 1909 his widow passed over his researches to Heron-Allen who completed it in his own name. Contains particularly fine chapters on the geology, the palaeontology, the history, and the shore-sands and marine zoology (including the foraminifera) of the Selsey Peninsula.
17. 1912. [with EARLAND, A.] On some foraminifera from the North Sea, etc., dredged by the Fisheries Cruiser *Goldseeker* (International North Sea Investigations - Scotland). 1. On some new Astrorhizidae and their shell-structure. *Journal of the Royal Microscopical Society, London* **1912**: 382-389.

18. 1913. [with EARLAND, A.] On some foraminifera from the North Sea, etc., dredged by the Fisheries Cruiser *Goldseeker* (International North Sea Investigations - Scotland). 2. On the distribution of *Saccammina sphaerica* (M. Sars) and *Psammosphaera fusca* (Schultze) in the North Sea: particularly with reference to the suggested identity of the two species. *Journal of the Royal Microscopical Society, London* **1913**: 1-26.  
**Note: VO 16.6.**
19. 1913. [with EARLAND, A.] On some foraminifera from the North Sea, etc., dredged by the Fisheries Cruiser *Goldseeker* (International North Sea Investigations - Scotland). 3. On *Cornuspira diffusa*, a new type from the North Sea. *Journal of the Royal Microscopical Society, London* **1913**: 272-276.  
**Note: VO: 26-19.**
20. 1913. [with EARLAND, A.] The Foraminifera in their role as world-builders: a review of the foraminiferous limestones and other rocks of the eastern and western hemispheres. *Journal of the Quekett Microscopical Club* (series 2), **12**: 1-16.  
**Note: VO: 20.44.**
21. 1913. [with EARLAND, A.] On some foraminifera from the North Sea dredged by the Fisheries Cruiser *Huxley* (International North Sea Investigations - England). *Journal of the Quekett Microscopical Club* (series 2), **12**: 121-138.  
**Note: VO: 31.24.**
22. 1913. [with EARLAND, A.]. Clare Island Survey. Part 64, Foraminifera. *Proceedings of the Royal Irish Academy* **31**: 1-188.  
Notes: The Heron-Allen Library has 4 copies. One bound copy contains much ephemera, associated correspondence, photographs taken at the time (including the Achill Island Parcel Postman on his donkey), and invoices<sup>4</sup> associated with the cost of the illustrations which Heron-Allen kindly defrayed (Figure 2).
23. 1913. [with EARLAND, A.] in W.A. HERDMAN, The Marine Biological Station at Port Erin (Isle of Man), being the Twenty-Seventh Annual Report of the Liverpool Marine Biology Committee. *Transactions of the Liverpool Biological Society* **1913**: 23-32.  
**Notes:** In this paper Heron-Allen and Earland (p. 26-32) give a preliminary report on the foraminifera from 24 canvas bags of mud and other dredged deposits collected by the S.Y. *Runa* off western Scotland. Preserved with the reprint are two letters from W. A. Herdman (dated 13 November and 2 December 1913).  
**(VO 31.22).**
24. 1914. Purpose and intelligence in the Foraminifera. *Proceedings of the Zoological Society of London* **1914**: 1069-1070.  
**Note: VO: 35.5 and 35.18.**
25. 1914-1915. [with EARLAND, A.] The Foraminifera of the Kerimba Archipelago (Portuguese East Africa). London.  
**Notes:** Heron-Allen had bound together reprints of both parts (nos. **26** and **27**, each containing the original pagination) and had a new title page printed, and as with the Selsey Bill papers (see no. **2**) it had limited circulation. Heron-Allen's own personal copy contains a letter from the Zoological Society of London giving him permission to do this, as well as all the correspondence pertaining to the production costs (which he again generously defrayed) and other business surrounding this publication. Also an original pen sketch of him by the celebrated *Punch* caricaturist, Harry Furniss, was found loose within the pages.
26. 1914. [with EARLAND, A.] The Foraminifera of the Kerimba Archipelago (Portuguese East Africa). Part 1. *Transactions of the Zoological Society of London* **20**: 363-390.
27. 1915. [with EARLAND, A.] The Foraminifera of the Kerimba Archipelago (Portuguese East Africa). Part 2. *Transactions of the Zoological Society of London* **20**: 543-794.

28. 1915. [with EARLAND, A.] Foraminifera of the Kerimba Archipelago. *Proceedings of the Zoological Society of London* **1915**: 295-298.  
**Note:** On the reading of the second portion of their memoir on the “Foraminifera of the Kerimba Archipelago, Portuguese East Africa” to the Zoological Society.
29. 1915. [with BARNARD, J.E.] Minutes of the Meeting of the Royal Microscopical Society on Wednesday, January 20th. *Journal of the Royal Microscopical Society, London* **1915**: 87-95.  
**Note:** “The Chairman, E. Heron-Allen, thanked J.E. Barnard for his most interesting talk on X-rays in relation to the Microscope, adding many comments on their use in foraminiferology”. (**VO: 64.4**).
30. 1915. A short statement upon the theory, and the phenomena of purpose and intelligence exhibited by the Protozoa, as illustrated by selection and behaviour in the Foraminifera. *Journal of the Royal Microscopical Society, London* **1915**: 547-557.  
**Notes:** A fuller working of his earlier (1914) paper in which his claim of “intelligence” exhibited by the agglutinating foraminifera (i.e. selection of grains in the construction of their tests) was subsequently considered controversial and “un-scientific” by his critics. There was certainly a robust debate between Ray Lankester and Heron-Allen when the former later read a rejoinder at the Royal Microscopical Society a year later (Lankester, 1916). Curiously, recent molecular analysis of these foraminifera has shown that species which select specific types of material with which to construct their (agglutinated) shells appear to warrant a higher level of classification than those that randomly agglutinate. Whether this selection equates in anyway to anything that could be classed as “intelligence” remains open to question. (**VO: 74.2**).
31. 1915. The application of X-rays to microscopical research; illustrated by Skiagraphs revealing the internal structure of foraminifera. *Proceedings of the Zoological Society of London* **1915**: 152-153.  
**Note:** **VO:34.16** and **35.6**.
32. 1915. On beauty, design and purpose in the Foraminifera. *Nature* **95** (no. 2388): 630-633.  
**Notes:** Also presented as a lecture to an Evening Meeting of the Royal Institution of Great Britain, Friday, 21 May 1915. (**VO: 75.28** and **80.1**).
33. 1915. Contribution to the study of the bionomics and reproductive processes of the Foraminifera. *Philosophical transactions of the Royal Society of London* (series B), **206**: 227-279.  
**Note:** There are several copies. The bound folio copy also contains correspondence and notes (some particularly associated with the death of Sir John Murray and the disposal of his collections). (**Folio bookcase** and **VO: 78.12**)
34. 1916. Edward Alfred Minchin, M.A., Ph.D., F.R.S. *Proceedings of the Linnean Society of London* **1915-1916**: 67-71.  
**Note:** Minchin was a particular friend and eminent protozoologist who died at Heron-Allen’s house, “Large Acres”. (**Obituary box - Bookcase O**)
35. 1916 (with ROUSSELET, C.F.) Prolegomena towards a study of the progress and development of vision and definition under the microscope - 1673-1848. *Journal of the Royal Microscopical Society, London* **1916**: 160-175.  
**Note:** **VO: 74.4**.
36. 1916. [with EARLAND, A.] The Foraminifera of the West of Scotland. Collected by Prof. W.A. Herdman, F.R.S., on the Cruise of the S.Y. *Runa*, July-Sept. 1913. Being a contribution to *Spolia runiana*. *Transactions of the Linnean Society of London* (series 2, zoology), **11** (pt 13): 197-299.

**Notes:** This is the formal write-up of the material briefly reported earlier under no. 23. There are several copies. Heron-Allen's bound volume contains letters from W. A. Herdman and his secretary H. Mabel Lewis; also photographs of the S.Y. *Runa* which was owned by Herdman. (**Folio bookcase; VO: 31.22; 78.13 and 197.12**).

37. 1916. [with EARLAND, A.] The Foraminifera of the shore-sands, and shallow water zone of the south coast of Cornwall. *Journal of the Royal Microscopical Society, London 1916*: 29-55.

**Notes:** See also remarks under: Foraminifera of the Plymouth District - 1 (1930), entry 65, below. (**VO: 74.5**)

38. 1917. Alcide d'Orbigny, his life and his work (Presidential Address, 1916-1917, to the Royal Microscopical Society). To which is appended: E. Heron-Allen and A. Earland, A study of the Foraminifera of the Biscayan Coast of France in the neighbourhood of La Rochelle. *Journal of the Royal Microscopical Society, London 1917*: 1-104.

**Notes:** Apart from a reprint (**VO: 76.7**), there is another bound copy containing correspondence (some from the d'Orbigny family), as well as d'Orbigny's genealogy.

39. 1917. Alcide d'Orbigny, his life and his work. Errata and corrigenda. *Journal of the Royal Microscopical Society, London 1917*: 433-434.

**Note: VO: 76.7.**

40. 1917. [with EARLAND, A.] A study of the Foraminifera of the Biscayan Coast of France, in the neighbourhood of La Rochelle. (Being an appendix to Heron-Allen's Presidential Address, 1916-1917: Alcide d'Orbigny, his life and his work). *Journal of the Royal Microscopical Society, London 1917*: 80- 86.

**Note: VO: 76.7.**

41. 1917. [with EARLAND, A.] On some foraminifera from the North Sea, etc., dredged by the Fisheries Cruiser *Goldseeker* (International North Sea Investigations - Scotland). 4. On *Nouria rugosa*: a new species of foraminifera from the Faroe Channel. *Journal of the Royal Microscopical Society, London 1917*: 361-364.

**Note: VO: 76.5.**

42. 1917. [with EARLAND, A.] On some foraminifera from the North Sea, etc., dredged by the Fisheries Cruiser *Goldseeker* (International North Sea Investigations - Scotland). 5. On *Thuramina papillata* Brady: a study in variation. *Journal of the Royal Microscopical Society, London 1917*: 530-557.

**Note: VO: 76.6.**

43. 1917 [with BARNARD, J.E.] A demonstration on the application of X-rays to the determination of the interior structure of microscopic fossils, particularly with reference to the dimorphism of the nummulites. *Abstracts of the Proceedings of the Geological Society of London 1917-1918* (no.1013): 9-12. (13 December 1917).

**Note: VO: 76.2.**

44. 1918. [with BARNARD, J.E.] A demonstration on the application of X-rays to the determination of the interior structure of microscopic fossils, particularly with reference to the dimorphism of the nummulites. *Geological magazine* (decade 6), 5: 90-92.

45. 1918. [with BARNARD, J.E.] A demonstration on the application of X-rays to the determination of the interior structure of microscopic fossils, particularly with reference to the dimorphism of the nummulites. *The Naturalist*, 1918: 86-88.

**Notes:** This is identical text to the previous two citations, except it lacks the discussion at the end. (**VO: 206.19**).

46. 1918. The Royal Microscopical Society during the Great War and after. *Journal of the Royal Microscopical Society, London 1918*: 153-167.

47. 1919. [with EARLAND, A.] The fossil foraminifera of the Blue Marl of the Côte des Basques, Biarritz, by Edward Halkyard, F.R.M.S., edited with additions by Edward Heron-Allen, F.L.S., F.G.S., F.R.M.S. and Arthur Earland F.R.M.S. *Notes from the Manchester Museum* **24** (*Memoirs and proceedings of the Manchester Literary and Philosophical Society* **62** (pt. 2)): 1-145.  
**Notes:** The material on which this paper was based was sent to Heron-Allen for appraisal by W. M. Tattersall, Keeper of the Manchester Museum, since in 1915 it was (wrongly) assumed that Halkyard had died and had left an unfinished manuscript; an embarrassing misapprehension swiftly rectified in 1916. Apart from the reprint (**VO: 77.1**), there is another bound copy containing correspondence, photographs, a statement about the delay of publishing, Halkyard's Will, etc. We know that Heron-Allen himself visited Biarritz and amongst other things, did some collecting of echinoids for F. A. Bather (of The Natural History Museum) in 1920.
48. 1919. [with EARLAND, A.] *Beatricea* not a gigantic foraminifer. *Journal of the Royal Microscopical Society, London* **1919**: 260-261.  
**Note: VO: 80.9A.**
49. 1920. [with EARLAND, A.] An experimental study of the foraminiferal species *Verneuilina polystropha* (Reuss), and some others, being a contribution to a discussion "on the origin, evolution, and transmission of biological characters". *Proceedings of the Royal Irish Academy* (section B), **35**: 153-177.  
**Notes:** Heron-Allen and Earland had earlier submitted the paper to the Zoological Society of London but it got adverse reviews and was ultimately rejected even though Heron-Allen was prepared to defray the cost of printing the plates. Apart from two reprints (**VO: 82.6** and **84.12**), there is a another bound copy containing associated correspondence.
50. 1922. [with EARLAND, A.] Protozoa. Part 2, Foraminifera. *Natural history reports, British Antarctic ("Terra Nova") Expedition, 1910* (zoology), **6** (no.2): 25-268.  
**Notes:** Both Heron-Allen and Earland were not overly keen to undertake this project, possibly because they had been fully stretched with the same type of work for the past decade with Kerimba and the *Runa*. Kirkpatrick acted as liaison between them and The Natural History Museum (memorandum dated 12 June 1914) and agreement was reached that they should start in 1915. The material was sent to Earland for initial preparation. The correspondence on this matter<sup>25</sup> is fascinating and cannot all be reproduced here. A bound volume contains the correspondence with Sidney F. Harmer, then Keeper of Zoology at the British Museum (Natural History), London, who also with D. G. Lillie compiled the List of Collecting Stations (Harmer and Lillie, 1914). In 1914 the Trustees accepted the proposal that the Foraminifera should be worked on by Heron-Allen and Earland and all the conditions for their involvement are itemised. Heron-Allen defrayed the cost of the original drawings. He also became so frustrated with the penny-pinching that he almost offered the text to the Smithsonian Institution, in Washington, D.C. (letter to Cushman, 1921<sup>26</sup>). He also said that Station 270, for instance, took him 42 hours to pick. There are also letters from R. Kirkpatrick, A. W. Waters, Rudolph A. Peters (Biochemical Laboratory, Cambridge), and Mary H. Brooks who made the drawings (with her invoice). Finally, included is an "Ad opus nostrum" to Sir Sidney Harmer in 1922, which sums up the whole project.
51. 1922. [with EARLAND, A.] Foraminifera from the Eocene Clay of Nigeria. *Bulletin of the Geological Survey of Nigeria* **3**: 138-148.  
**Notes:** On 16 November 1921, they volunteered to re-examine the fauna from

- 55cc of material, re-illustrate the foraminifera (the artist's fees were ,2/10/5) and have a completed manuscript ready within 10-15 days. **(VO: 86.18).**
52. 1923. [with EARLAND, A.] Les Foraminifères des “Sables Rouges” du Golfe d' Ajaccio (Côte Nord). *Bulletin de la Société des Sciences Historiques et Naturelles de la Corse* **1922**: 110-149.  
**Notes:** In the bound copy there is a typescript, the proofs and postcard correspondence. There is also a note by the authors explaining why the work was undertaken and two Errata slips (one provided by the authors to accompany the reprints) listing the considerable corrections. Although a actual date of publication is not given it must have been 1923 as Earland corrected a final set of proofs on 28 December 1922; moreover, Heron-Allen's bound volume has the date 1923 inscribed on the spine.
53. 1923. [with EARLAND, A. ] Foraminifères provenant d'un échantillon de vase cueilli dans la rade d' Aden (Mission G. Petit, 1920-1922). *Bulletin du Muséum National d'Histoire Naturelle, Paris* **1923/4**: 325-331.  
**Note: VO: 87.11.**
54. 1924. [with EARLAND, A.] The Foraminifera of Lord Howe Island, South Pacific. *Journal of the Linnean Society of London* (zoology), **25**: 599-647.  
**Note: VO: 87.29.**
55. 1924. [with EARLAND, A.] The Miocene foraminifera of the “Filter Quarry”, Moorabool River, Victoria, Australia. *Journal of the Royal Microscopical Society* **1924**: 121-186.  
**Note: VO: 87.6.**
56. 1926.[with EARLAND, A.] Report on the Foraminifera. Cambridge Expedition to the Suez Canal, 1924. *Transactions of the Zoological Society of London* **22** (pt. 1): 65-70.  
**Note: VO: 162.17.**
57. 1928. [with EARLAND, A.] On the Pegididae, a new family of foraminifera. *Journal of the Royal Microscopical Society, London* **48**: 283-299.  
**Note: VO: 93.26.**
58. 1929. [with EARLAND, A.] Foraminifera. Cambridge Expedition to the Suez Canal, 1924. *Transactions of the Zoological Society of London* **22** (pt. 6): 848.  
**Note: VO: 162.17.**
59. 1929. [with EARLAND, A.] Some new foraminifera from the South Atlantic, 1. *Journal of the Royal Microscopical Society, London* **49**: 102-108.  
**Note: VO: 95.1.**
60. 1929. [with EARLAND, A.] Some new foraminifera from the South Atlantic, 2. *Journal of the Royal Microscopical Society, London* **49**: 324-334.  
**Note: VO: 95. 2.**
61. 1929. Ray Lankester (an Obituary). *Journal of the Royal Microscopical Society, London* **49**: 359-365.  
**Notes:** Another good friend and supporter. He was an eminent zoologist and former Director of The Natural History Museum, London. **(VO: 111.16).**
62. 1929. Foraminifera. *Nature* **124**: 680-682. (2 November 1929).  
**Notes:** A rather critical review of J.A. Cushman's (1928) famous book *Foraminifera: their classification and economic use*. Sharon, Massachusetts: Special Publication no. 1 of the Cushman Laboratory for Foraminiferal Research; sold in the UK through Thomas Murby & Co., London, for 22/6d. Heron-Allen, although respecting Cushman both as a friend and for his “invaluable work”, ...”seriously deplores the overloading and confusion of the already unwieldy nomenclature of the Foraminifera in this care-free and distracting manner”.

Earland (in a letter also pasted in the book), tried to dissuade Heron-Allen from publishing this review, adding that he would not review the book himself, even though requested to do so by the Royal Microscopical Society. (**Bookcase C, pasted in Cushman's book as frontispiece**).

63. 1930. The further and final researches of Joseph Jackson Lister upon the reproductive processes of *Polystomella crispera* (Linné). (An unpublished paper completed and edited from his note-books). *Smithsonian miscellaneous collections* **82** (no. 9): 1-11.  
**Notes:** The reprint of this paper is accompanied by a preamble, a "Note from the Editor" (Heron-Allen) which gives the background to its rejection by the Linnean Society and subsequent publication in the USA. It caused Heron-Allen so much annoyance that he resigned almost all his fellowships of learned societies, apart from the Royal Society and the Royal Microscopical Society. On the death of Lister he arranged for all his collection and notebooks to be presented to the British Museum (Natural History) (see Blayre, 2000). Bound with this reprint is also a letter (date 1 March 1931) from E. J. Allen FRS who worked in the same laboratory with Lister in 1893-94 and 1904 and saw him making these experiments. He remarks that Lister was a charming man, an inspiration to him and of great help in his own work. (**VO: 97.13; 172.22**)
64. 1930. [with EARLAND, A.] Some new foraminifera from the South Atlantic, 3. *Journal of the Royal Microscopical Society, London* **50**: 38-45.  
**Note: VO: 35.3.**
65. 1930. [with EARLAND, A.] The Foraminifera of the Plymouth District. 1. *Journal of the Royal Microscopical Society* **50**: 46-84.  
**Notes:** It is possible that their manuscript notes made on the "Genera and species of Britain" was associated with this. The full study was never completed. (**VO: 95.4**)
66. 1930. [with EARLAND, A.] The Foraminifera of the Plymouth District. 2. *Journal of the Royal Microscopical Society, London* **50**: 161-199.  
**Note: VO: 95.4.**
67. 1932. [with EARLAND, A.] Some new foraminifera from the South Atlantic, 4. *Journal of the Royal Microscopical Society, London* **52**: 253-261.
68. 1932. [with EARLAND, A.] Foraminifera. Part 1. The ice-free area of the Falkland Islands and adjacent seas. "*discovery*" *reports* **4**: 291-460.  
**Note:** Although Heron-Allen and Earland prepared the samples and manuscript together, a rift in their 25 year-long partnership resulted in Heron-Allen removing his name from the subsequent publications so that the Parts 2-4 appear under Arthur Earland's name alone. At the beginning of Part 2 (Earland, 1933: 28) is the printed note: "Owing to illness my colleague Edward Heron-Allen was unable to take as large a share as usual in the preparation of the Report. At his own request, and against my wish, his name is omitted from the authorship". This "official line" is at variance, however, with a handwritten note of Heron-Allen's on his own copy (subsequently hidden by several layers of paper pasted over it): "I had my name removed from the titles of this paper, when, on my return from Ceylon in 1931 I found that Earland had claimed all my work upon it as his own, and that, not having knowledge of the German language, he had ignored Hans Wiesner's report on the 'Sud-Polar Expedition' [Wiesner, 1931], in which (in my opinion) most of his 'new genera and species' are described and figured".
69. 1934. Proliferating nomenclature of foraminifera. *Nature* **134**: 43-45. (14 July 1934).  
**Notes:** A review of J.J. Galloway's (1933) book *A manual of foraminifera*. Bloomington, Indiana: Principia Press; sold in the UK through Williams &



- Norgate Ltd., London for 25/-. In this review Heron-Allen rails, amongst other things, against the “American school of commercial protozoology”. (**Bookcase G, pasted in Galloway’s book as frontispiece**)
70. 1935. A postscript upon the “Origin (and development) of species”. *Nature* **136**: 132-133. (27 July 1935).  
**Notes:** Written as a Postscript to “The economic importance of the Foraminifera” by H. Dighton Thomas (1935). (**VO 108.27** and **108.26**)
71. 1935. Dementia nomenclatorica americana. *Nature* **136**: 797. (16 November 1935).  
**Notes:** Outburst on the proliferation of names triggered by the books of the American foraminiferologists Cushman (1928) and Galloway (1933) (see above). Bound with this reprint is a letter from H. Thalmann in Palembang, Sumatra supporting Heron-Allen’s stance on this proliferation of names and from R.A. Gregory, as the Editor of *Nature*, asking how this letter should be used. A subsequent note was indeed published in 1938, see below (no. **73**). (**VO: 108.28**).
72. 1936. The genus *Keramosphaera* Brady. With some notes on a lost paper by the late Fortescue William Millett, F.R.M.S., on the Foraminifera of the shore sands of Misaki, Japan. *Journal of the Royal Microscopical Society, London* (series 3), **56**: 113-119.  
**Note:** Apart from the reprint (**VO: 108.4**) another bound copy contains the original drawings and letters and also a copy of Brady’s original description.
73. 1938. Dementia nomenclatorica americana. *Nature* **141**: 558 (28 March 1938).  
**Note:** **VO 108:28**.

[Adapted from:

Hodgkinson, R.L. & Whittaker, J.E. 2004. Edward Heron-Allen FRS (1861-1943): a review of his scientific career, with an annotated bibliography of his foraminiferal publications. *Archives of Natural History*, **31**: 6-29].