
Catalogue of the enchytraeid worm collection (Oligochaeta: Enchytraeidae) of the Natural History Museum in London.

I. Spirit collection

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Abstract. The catalogue of the enchytraeid spirit collection in the Natural History Museum, London is presented. Two lists are given: 1) Inventory of the collection listed in alphabetical order of genera, and 2) Alphabetical list of the species with the valid genera names.

INTRODUCTION

The Natural History Museum in London houses one of the oldest and largest natural history collections in the world. The collection started as part of the British Museum in Bloomsbury, but by 1881 the natural history collections had become so large that they acquired a building in their own right, the Natural History Museum in South Kensington.

During the 18th century the Museum's specimens were obtained largely from private benefactors, the most notable being Sir Hans Sloane, however it was the expeditions overseas that really kept the collections growing rapidly during the 19th Century (Whitehead & Keates, 1981). Expeditions mounted by Cook and Banks, the Challenger expedition and Charles Darwin's voyages on the Beagle being notable examples (Lincoln & Rainbow, 2003). The Collections continue to grow into the 21st century from further expeditions, and donations from all over the world.

The enchytraeid holdings, although forming a small part of the annelid collection, are nevertheless not inconsequential. They are housed in two parts: the wet and the slide collection. The wet collection dates back to 1904 and houses over 150 jars of specimens. Highlights include worms from famous expeditions such as the Discovery and

Terra Nova Expeditions and there are even worms collected from a rare visit to the grounds of Buckingham Palace. Famous external contributors include Beddard, Stephenson and Friend. All three of these men produced major works on the Oligochaeta. In fact Beddard's collection, (Beddard was author of "A monograph of the order of Oligochaeta" in 1895) was bought by the Museum in 1904 (Stearn, 1998). This signifies that the importance of the Oligochaete worms was beginning to be known and appreciated by the Museum. 1904 was also the year that the Museum saw the first real 'Vermes worker' appointed, Harry Baylis (Stearn, 1998). The start was a promising one for the Oligochaetes as he was initially interested in African earthworms. By 1915 he had then described 3 species of Enchytraeidae including erecting the new genus *Aspidodrilus*. However, Baylis decided his real passion was for Nematodes and Parasitic worms. His attentions shifted and the Oligochaete collections lost the close attention they had gained. Baylis did not significantly enhance the enchytraeid collections and an oligochaete focused staff member did not arrive until Reginald Sims in 1961. Sims, although primarily known for his work on earthworms, made a significant contribution to this collection in his time at the museum. However it was his short term successor Dr. Černosvitov, who made the greatest impact. His most notable contribution to the taxonomy of this group world wide was his sys-

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tematic revision of the Enchytraeidae, and work on the fauna of the Balkan countries. For the Museum, it was the large amount of material donated to the collection. Černosvitov's large contribution to the collection was in fact not amassed whilst officially working for the museum. His story was a tragic one, 4 days after finally obtaining the job he really wanted, being appointed to the staff of the Natural History Museum London, he died of a heart attack concluding his work prematurely. The Museum still has not had a dedicated researcher to the enchytraeids however, we hope by publishing these papers we will be opening this collection up to the wider community and promoting the wealth of material housed here. We hope to encourage researchers to visit and use the collections as well as to donate and enhance them for years to come.

This paper details the spirit collection at the Museum and forms part one of a two part series of papers listing outlining the Enchytraeid collection.

Unfortunately there are many specimens in the collection where the determiner is not recorded; therefore we cannot be sure of the authenticity of every species recorded here. In addition, taxonomic changes in the family Enchytraeidae were not followed properly e.g. synonyms or incorrect labelling can occur. The authors publish this catalogue without taxonomic revision.

LIST OF GENERA AND SPECIES

Genus *Achaeta* Vejdovsky, 1877

Achaeta bohemica (Vejdovsky, 1879)

05. 10. 1904. Loc: Hamburg, Beddard's collection.

Achaeta incisa Friend, 1911 – nomen dubium (Černosvitov 1937b)

01. 03. 1949. Loc: Mansfield, Nottinghamshire, Leg. Rev. H. Friend, 05. 08. 1912. (Friend 1912a).

Achaeta neotropica Černosvitov, 1937

945-948. 01. 03. 1949. Loc: Loreto and Buenos Aires, Argentina, Černosvitov's collection (Černosvitov 1937a).

Achaeta sp.

22. 09. 1936. Hanperden, Hertfordshire Leg. K.D. Bawoja.

Genus *Aspidodrilus* Baylis, 1914

Aspidodrilus kelsalli Baylis, 1914

1-2. 04. 01. 1923. Type of genus and species Loc: Sierra Leone, West Africa, on large earthworm, Leg. Major H. Kelsall (Baylis, 1914).

Genus *Bryodrilus* Ude, 1892

Bryodrilus ehlersi Ude, 1892

537-539. 01. 03. 1949. Loc: Mt. Hoverla 1950 m, Carpathian Mts. Leg. L. Černosvitov, 25. 08. 1925.

Genus *Buchholzia* Michaelsen, 1887

Buchholzia fallax Michaelsen, 1887

05. 10. 1904. Loc: Hamburg, Beddard's collection.

Genus *Cernosvitoviella* Nielsen & Christensen 1959

Cernosvitoviella atrata (Bretscher, 1903)

566-569. 01. 03. 1949. Loc: Mt. Hoverla 1950 m Leg. L. Černosvitov, 24. 08. 1926.

Cernosvitoviella briganta Springett, 1969

20. 03. 1969. Syntype Loc: Juncetum squarosi, Moorhouse National Reserve, Westmorland Leg. J. Springett.

Genus *Cognettia* Nielsen & Christensen, 1959

Cognettia glandulosa (Michaelsen, 1888)

05. 10. 1904. Loc: Hamburg, Beddard's collection.

Cognettia sphagnetorum (Vejdovsky, 1877)

169-171. 01. 03. 1949. Loc: Bethesda, North Wales Černosvitov's collection.

Genus *Enchytraeus* Henle, 1837

Enchytraeus albidus Henle, 1837

20-22. 11. 11. 1915. Loc: Campbelltown, Kintyre Leg. H.A. Baylis.

1-10. 06. 07. 1923. Loc: Raynes Park, Leg. Messrs. Carter & Co.

707-717. 05. 10. 1904. Loc: Gulf of Kiel, Beddard's collection.

707-717. 05. 10. 1904. (duplicates) Loc: Gulf of Kiel, Beddard's collection.

1-5, 17. 06. 1907. Loc: shore, Advent Bay, Spitsbergen Leg. Gregory.

73-77. 23. 06. 1931. Loc: Maiviken Bay, South Georgia, Leg. "Discovery 1925-1927".

8-12. 06. 12. 1930. Loc: Dundee Leg. Mrs. M. Drummond, 1930.

- 34-35. 22. 03. 1926.** Loc: Guernsey, "from a tomato" Leg. E.R. Spyer.
5-7. 04. 05. 1932. Loc: Torridon, Scotland Leg. Miss. E. Nicol.
193-198. 03. 05. 1948. Loc: Ashford, Kent Leg. J.H.P. Sankey 1945, Det. L. Černosvitov.
199-204. 03. 05. 1948. Loc.: Leicester district, in a green house Leg. H.P. Moon.
10-18. 18. 1963. Loc: Buckingham Palace Gardens Leg. A.J.N. Det. R.W. Sims.
221-225. 01. 03. 1949. Loc: Cheddar Gorge Leg. L. Černosvitov, 04. 04. 1942.
11-12. 08. 12. 1949. Loc: Jan Mayen Isl. North Finland Leg. S.R. Nutman, Černosvitov's collection.
1-2. 25. 02. 1949. Loc: Percolating sewage filters at Oswaldtwistle, Accrington, Lancashire Leg. T.G. Tomlinson, 1945.
1420. 29. 04. 1926. Loc: Sewage farm, Norwich Leg. J. Howard.
1-10. 27. 07. 1939. Loc: Brook Green Laboratory from compost Leg. J. Baker
10-18. 18. 1963. Loc: Buckingham Palace lawns Leg. R.W. Sims, 11. 05. 1962.
9-13. 29. 07. 1929. Loc: Kungsuk, M. Godthaab, West Greenland Leg. R.G. Kingston.
2-4. 21. 02. 1933. Loc: Bear Isl., Walrus Bay, Spitsbergen Leg. Dr. J. Stephenson, Oxford Univ. Exp. 1925.
92-93. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1925.
44-45. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1925.
- Enchytraeus aporus* Stephenson, 1925 = *Marionina aporus* (Stephenson, 1925) (Nielsen & Christensen, 1959).
- Enchytraeus argenteus* Michaelsen, 1889 = *Marionina argentea* (Michaelsen, 1889) (Nielsen & Christensen 1959).
- Enchytraeus australis* Stephenson, 1932
71-72. 23. 06. 1931. Loc: Maiviken Bay, South Georgia Leg. "Discovery" 1925-1927.
91-94. 23. 06. 1931. Co-types Loc: Gough Island Leg. "Discovery" 1925-1927 (Stephenson 1932).
- Enchytraeus barkudensis* Stephenson, 1915 = *Stephensiella marina* (Moore, 1902) (Coates 1983)
- Enchytraeus buchholzi* Vejdovsky, 1879
30. 11. 1950. Loc: Northiam, Sussex Leg. J. Barnett.
1-2. 07. 12. 1949. Loc: Jerusalem, Palestine Leg. Dr. K. Reich, 31. 05. 1936.
- 1001-1005. 01. 03. 1949.** Typical and atypical Loc: Loreto, Argentina Černosvitov's collection.
1-8. 10. 1977. Loc: Gill cavity of *Potamon magnum* Leg. Dr. Rahan, 1976.
3-6. 25. 02. 1949. Loc. Percolating sewage filters at Oswaldtwistle, Accrington, Lancashire Leg. T.G. Tomlinson, 1945.
65-70. 01. 03. 1949. Loc: Dublin Leg. Rev. H. Friend, 10. 03. 1913.
32-33. 22. 03. 1926. Loc: Hoddeston Leg. E.R. Spyer.
- Enchytraeus carcinophilus* Baylis, 1915
1. 2. 4-7. 02. 05. 1915. Loc: South Trinidad Leg. "Terra Nova Expedition" 1910 (Baylis 1915a).
- Enchytraeus cavicola* Stephenson, 1924 = *Hemienchytraeus stephensoni* (Cognetti, 1927) (Schmelz & Collado 2007).
- Enchytraeus colpites* Stephenson, 1932 = *Lumbricillus colpites* (Stephenson, 1932) (Nielsen & Christensen 1959).
- Enchytraeus crymodes* Stephenson, 1922 = *Marionina crymodes* (Stephenson, 1922) (Nielsen & Christensen 1959).
- Enchytraeus eltoni* Stephenson, 1924 = *Lumbricillus eltoni* (Stephenson, 1924) (Nielsen & Christensen 1959).
- Enchytraeus hyalinus* (Eisen) var. *densus* Friend 1912
60-64. 01. 03. 1949. Loc: Gilsland, Northumberland Leg. Rev. H. Friend (Friend 1912b).
- Enchytraeus indicus* Stephenson, 1912
32-38. 1965. Loc: Hazelmere, High Wycombe, Bucks Leg. B.M. Gerard, 19. 08. 1962.
- Enchytraeus kincaidi* Eisen, 1904
61-65. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford. Univ. Exp. 1922 (Stephenson 1924).
- Enchytraeus liefdensis* Stephenson, 1924 = *Enchytraeus kincaidi* Eisen, 1904 (Birkemoe & Dózsa-Farkas 1994).
- Enchytraeus minimus* Bretscher, 1899 = *Enchytraeus buchholzi* Vejdovsky, 1879 (Kasprzak 1986).
- Enchytraeus muscicola* Stephenson, 1924 = *Lumbricillus muscicolus* (Stephenson, 1924) (Nielsen & Christensen 1959).
- Enchytraeus parasiticus* Baylis, 1915
3. 02. 05. 1915. Loc: gill chamber of *Geocarcinus quadratus*, Clarion Island (Baylis, 1915b).
- Enchytraeus* sp.

41-43. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford. Univ. Exp. 1922, Stephenson's collection.

1-12, 10. 05. 1937. Loc: Kelvedon, Essex Leg. J. Campbell.

43-44. 12. 03. 1934. Loc: waterfall, Christmas Island Leg. Dr. J. Harris, 10. 03. 1933.

45. 12. 03. 1934. Loc: Christmas Island Leg: D. Hughes, 20. 03. 1933.

1-20. 05. 05. 1922. Loc: heap of leaves in garden Leg. W.J. Letts.

7-10. 21. 02. 1933. Loc: Spitsbergen.

1-31. 02. 1983. Loc: Beaucheng, Falkland Isl. Leg. R.I. Lewis, 1980.

58-59. 01. 03. 1949. Loc: Dublin Leg. Rev. H. Friend, 03. 06. 1913.

Genus *Fridericia* Michaelsen, 1889

Fridericia agricola Moore, 1895

42. 01. 03. 1949. Loc: Hastings, Sussex Leg. Rev. H. Friend, 21. 12. 1911.

Fridericia bisetosa (Levinsen, 1884)

134-135. 01. 03. 1949. Loc: "said to have been passed to a urine of a man", Ireland Leg. L.P.W. Renouf, 1936 Černosvitov's collection.

136-139. 01. 03. 1949. Loc: Snowdon Leg. L. Černosvitov, 26. 08. 1941.

43-45. 01. 03. 1949. Loc: Pocklington, York Leg. Rev. H. Friend, 01. 12. 1913. Černosvitov's collection.

1. 08. 12. 1949. Loc: Puits du presbytère, Riche, Moselle, France Leg. P. Remy.

Fridericia bulboides Nielsen & Christensen, 1959

1-3. 6. 1964. Loc: Dale, Pembrokeshire, "on stones covered with *Spirorbis tridentatus*" Leg J.H. Crother.

Fridericia bulbosa (Rosa, 1887) – nomen dubium (Schmelz 2003)

140-143. 01. 03. 1949. Loc: Holyhead Leg. L. Černosvitov, 28. 07. 1941. Černosvitov's collection.

37-39. 12. 03. 1934. Loc: Christmas Island, Indian Ocean Leg. Dr. J. Harris, 13. 03. 1933.

Fridericia callosa (Eisen, 1878)

144-147. 01. 03. 1949. Loc: Barrynarbor, Devon Leg. L. Černosvitov, 14. 07. 1941. Černosvitov's collection.

4-10. 07. 12. 1949. Loc: Palestine Leg. Dr. K. Reich, 13. 02. 1938.

990-1000. 1. 03. 1949. Loc: Loreto, Argentina. Černosvitov's collection.

Fridericia carmichaeli Stephenson, 1915 = *F. Peregrinabunda* Michaelsen, 1913 (Schmelz 2003)

Fridericia connata Bretscher, 1902

148-149. 01. 03. 1949. Loc: Martin, North Devon, "bank of small stream" Leg. L. Černosvitov, 13. 07. 1942.

Fridericia galba (Hoffmeister, 1843)

1099-1100. 05. 10. 1904. (with duplicates) Loc: New Zealand, Beddard's collection.

48. 10. 08. 1885. (No further information.).

Fridericia magna Friend, 1899

150-151. 01. 03. 1949. Loc: North Devon, "bank of small stream" Leg. L. Černosvitov, 13. 07. 1942.

Fridericia nigrina Frined, 1913 – nomen dubium (Schmelz 2003)

40-41. 01. 03. 1949. Type Loc: Hastings, Sussex Leg. Rev. H. Friend, 21. 12. 1911. (Friend 1913).

72. 01. 03. 1949. Leg. Rev. H. Friend.

Fridericia peregrinabunda Michaelsen, 1913

80. 12. 05. 1925. Co-types of *F. carmichaeli* Stephenson, 1915 Loc: Rungnect tea estate, Darjeeling (Stephenson 1915).

Fridericia perrieri (Vejdovsky, 1878)

152-153. 01. 03. 1949. Loc: North Devon, "stream near Hunters Inn" Leg. L. Černosvitov, 10. 07. 1942.

3. 07. 12. 1949. Loc: Palestine Leg. Dr. K. Reich, 12. 12. 1936.

Fridericia pretoriana Stephenson, 1930

15-16. 02. 07. 1929. Loc: Pretoria, South Africa Leg. 02. 07. 1927. Stephenson's collection (Stephenson, 1930).

Fridericia polycheta Bretscher, 1900 – nomen dubium (Schmelz 2003)

06. 12. 1930. Loc: Dundee Leg. Mrs. M. Drummond.

Fridericia striata (Levinsen, 1884)

41-43. 09. 05. 1930. Loc: Uxbridge, Middlesex, "bark of a tree" Leg. G.M.M. Mambridge, 1930.

Fridericia sp.

485-510. 01. 03. 1949. Loc: Carpathian Mts. Černosvitov's collection

19-22. 18. 1963. Loc: Buckingham Pal. Gardens Leg. A.J.N. 1963. Det. R.W. Sims

2. 01. 03. 1964. Loc: Salt Lake City, Utah, USA Leg. G.F. Knowlton, 01. 03. 1962.

03. 03. 1964. Loc: Monticello, Utah, USA Leg. G.F. Knowlton, 29. 03. 1962.
1-7. 12. 09. 1938. Loc: Diigce, Bolu, Turkey Leg. Dr. J.

Genus: *Guaranidrilus* Černosvitov, 1937

Guaranidrilus cernosvitovi Healy, 1979
962-967. 01. 03. 1949. Loc: Loreto, Argentina Černosvitov's collection (Healy 1979)

Guaranidrilus columbianus (Michaelsen, 1913)
45. 05. 07. 1927. Loc: Medellin, Colombia Leg. Prof. Fuhrmann.

Genus: *Hemienchytraeus* Černosvitov, 1934

Hemienchytraeus stephensoni (Cognetti, 1927)
2-11. 14. 11. 1932. Loc: Loreto, Argentina, Černosvitov's collection.
56-60. 04. 01. 1949. Loc: Lagunilla, "on coarse sand" Leg. Titicaca Exp. 03. 09. 1939.
83. 12. 05. 1925. (cotype of *Enchytraeus cavicola*) Loc: Siju cave, Goro hills.

Hemienchytraeus sp.
981-987. 01. 03. 1949. Loc: Loreto, Argentina, Černosvitov's collection.
969-987. 01. 03. 1949. Loc: Loreto, Argentina Černosvitov's collection.
1931-1932 Loc: Loreto, Argentina, Černosvitov's collection.

Genus: *Henlea* Michaelsen, 1889

Henlea brucei Stephenson, 1922 = *H. perpusilla* Friend, 1911 (Dózsa-Farkas 1999).

Henlea columbiana Michaelsen, 1913 = *Guaranidrilus columbianus* (Michaelsen, 1913) (Healy 1979).

Henlea fragilis Friend, 1912 = *H. nasuta* (Eisen, 1878) (Černosvitov 1931).

Henlea heleotropha Stephenson, 1922
1-2. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1923.

Henlea lampas (Eisen, 1878) – nomen dubium
50-52. 01. 03. 1949. Loc: Mansfield, Nottinghamshire Leg. Rev. H. Friend, 1912.

Henlea nasuta (Eisen, 1878)
53-57. 01. 03. 1949. Types Loc: Hastings, Sussex Friend's collection (Friend 1912c).

Henlea ochracea (Eisen, 1878)
48-49. 01. 03. 1949. Loc: England or Ireland, Friend's collection.
529-530. 01. 03. 1949. Loc: Priscop, Carpathian Mts. Leg. L. Černosvitov, 15. 08. 1926.

Henlea perpusilla Friend, 1911
154. 10. 03. 1949. Loc: Snowdon Leg. L. Černosvitov, 26. 07. 1941.
3-8. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1921.

Henlea tenella Eisen, 1878 = *H. ochracea* (Eisen, 1878) (Nurminen 1973)

Henlea sp.
27-28. 21. 02. 1933. Loc: Spitsbergen
212-222. 36. 1962. F.B.A. River Laboratory, Dorset Summer Leg. R.W. Sims.

Genus *Hepatogaster* Čejka, 1910 - invalid genus, synonymised with *Henlea*

Hepatogaster tenellus Eisen, 1878 = *Henlea ochracea* (Eisen, 1878) (Nurminen 1973).

Genus: *Lumbricillus* Ørsted, 1844

Lumbricillus aegialites Stephenson, 1922 = *L. pagenstecheri* (Ratzel, 1869) (Nurminen 1965).

Lumbricillus aestuum (Stephenson, 1932)
1.017-1.028. 13. 1976. Loc: N° P.E. 12. Marion Islands, Indian Ocean Leg. Bakker van Zinderen, Det. E.G. Easton.

1.029. 12. 1976. Loc: N° Z4, Marion Islands, Indian Ocean Leg. Bakker van Zinderen Det. E.G. Easton.

1.029. 13. 1976. Loc.: N° P.E. 10, Marion Islands, Indian Ocean Leg. Bakker van Zinderen Det. E.G. Easton.

1.030. 13. 1976. Loc.: N° III, Marion Islands, Indian Ocean Leg. Bakker van Zinderen Det. E.G. Easton.

1.031-1.073. 13. 1976. Loc.: N° Z66, Marion Islands, Indian Ocean Leg. Bakker van Zinderen Det. E.G. Easton.

42-43. 23. 06. 1931. Loc: Bay of Isles, South Georgia Leg. "Discovery" 1925-1927 (Stephenson 1932).

Lumbricillus antarcticus Stephenson, 1932
89/90. 23. 06. 1931. Cotype. Loc: Wilson Harbour, South Georgia Leg. "Discovery" 1925-1927 (Stephenson 1932).

Lumbricillus arenarius (Michaelsen, 1888)

166-167. 01. 03. 1949. Loc: Bangor Leg. L. Černosvitov, 08. 04. 1941.

Lumbricillus christenseni Tynen, 1966

22. 01. 12. 1965. Syntypes. Loc.: Anglesey, N Wales (Tynen, 1966).

Lumbricillus colpites (Stephenson, 1932)

51-56. 23. 06. 1931. Loc: Bay of Isles, South Georgia Leg. "Discovery" 1925-1927 (Stephenson 1932).

Lumbricillus eltoni (Stephenson, 1924)

71-75. 08. 06. 1925. Co-types Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1922. Stephenson's collection.

Lumbricillus insularis (Ude, 1896)

9. 28. 04. 1903. Type (with duplicates) Loc: Elisabeth Isl. Strait of Magellan Leg. Dr. Michaelsen.

Lumbricillus lineatus (Müller, 1774)

8-10. 07. 10. 1931. Loc: From a London wash basin Leg. Humphrey Milford.

1-12. 23. 06. 1938. Loc: Hounslow, Middlesex Leg. J. Atkins.

1-4. 02. 07. 1933. Loc: Scarborough, North Yorkshire Leg. W. J. Clarke.

1. 09. 12. 1949. Loc.: Richmond, Surrey Leg. A. Goodie Det. L. Černosvitov.

63-70. 23. 06. 1931. Loc: Maivicken Bay, South Georgia Leg. "Discovery" 1925-1927.

36-40. 30. 03. 1932. Loc: Sewage beds, Liverpool Leg. A. N. Pillers.

2-10. 23. 06. 1931. Loc: Signy Isl., South Orkney Islands Leg. "Discovery" 1925-1927.

4-7. 06. 03. 1950. Loc: City water supply, from sink Leg. D.T. Lucke, 09. 03. 1943 and 13. 12. 1949.

4-24. 11. 10. 1954. Loc: Bank of decaying seaweed, St. Andrews.

370-373. 05. 10. 1904. (with duplicates) Loc: Hamburg, Beddard's collection.

49-59. 10. 1974. Loc: Farne Islands, Northumberland Leg. Dr. Johnston.

39-40. 30. 11. 1950. Loc: From rotting stems of *Spartina townsendi* Leg. C.E. Hubbard, 02. 02. 1950. Pres. R.K.C. Anstwick, 26. 04. 1950.

39. 29. 06. 1948. Loc: Domestic water supply, Slough, Berkshire Leg. G.M. Hobbin.

62-90. 04. 01. 1949. Loc: Taman Bay, Lake Titicaca, Leg. R. Lagunilla, R. Saracocha, Titicaca Expedition 1937.

1-5. 08. 03. 1938. Loc: Glomsford Water Supply Leg. R.D. Melford, 23. 03. 1928.

10. 08. 12. 1949. Loc: North Finland, near Petsamo, on shore Leg. A. Goode 12. 07. 1939. Det. Černosvitov.

155-162. 01. 03. 1949. Loc: Bangor, Anglesey, black rocks Leg. L. Černosvitov, 12. 04. 1941.

7-8. 25. 02. 1949. Loc. Percolating sewage filters at Oswaldtwistle, Accrington, Lancashire Leg. T.G. Tomlinson, 1945.

1. 17. 10. 1933. Loc: from a basin of a London house Leg. Chesterton and Sons.

1. 18. 06. 1934. Loc: Metropolitan Water Board.

1-15. 17. 09. 1935. Loc: London, from a drain Leg. E.R. Bole.

183-192. 03. 05. 1948. Sewage beds, Oddstock hospital, near Salisbury Leg. E.W. Moore.

Lumbricillus muscicolus (Stephenson, 1924)

87-91. 08. 06. 1925. (Cotype of *Enchytraeus muscicola*) Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1922, Stephenson's collection (Stephenson 1924).

Lumbricillus pagenstecheri (Ratzel, 1869)

11-40. 49-54. 66-70. 76-86. 08. 06. 1925. Loc: Spitsbergen Leg. Oxford Univ. Exp. 1925.

15-26. 21. 02. 1933. Loc: Spitsbergen.

1-14. 17. 05. 1934. Loc.: Petunia Bay, Svalbard Leg. Oxford Univ. Arctic Exp., 12. 07. 1933.

Genus *Marionina* Michaelsen, 1890

Marionina aestuum Stephenson, 1932 = *Lumbricillus aestuum* (Stephenson, 1932) (Nielsen & Christensen 1959).

Marionina aporus (Stephenson, 1925)

9-10. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1925 (Stephenson 1925)

94-100. 08. 06. 1925. Duplicates.

Marionina argentea (Michaelsen, 1889)

(No catalogue number or additional information.)

Marionina cambrensis O'Connor, 1963 = *Oconorella cambrensis* (O'Connor, 1963) (Rota 1995).

Marionina crymodes (Stephenson, 1922)

5-6. 21. 02. 1933. (Types of *Enchytraeus crymodes*) Loc: Spitsbergen Leg. Oxford Univ. Exp. 1922, Stephenson's collection.

Marionina georgiana (Michaelsen, 1888)

61-22. 23. 06. 1931. Loc: South Georgia Leg. "Discovery" 1925-1927.

- 1. 01. 04. 1916.** Loc: Falkland Isl. Leg. Dr. J.H. Ashworth, R. Vallentin's collection.
544. 05. 10. 1904. Loc: South Georgia Beddard's collection.
74-79. 01. 03. 1949. Loc: Middlesboro and Dublin Leg. Rev. H. Friend 1912 (Middles.) and 1913 (Dub.).
- Marionina monochaeta* (Michaelsen, 1888)
718. 05. 10. 1904. Loc: South Georgia Beddard's collection.
78-80. 23. 06. 1931. Loc: 53°52'30S, 36°00'08W Leg. "Discovery" Exp. 1925–1927.
- Marionina grisea* Stephenson, 1932
95. 23. 06. 1931. Loc: Wiencke Isl., Palmer archipelago Leg. "Discovery" 1925–1927 (Stephenson 1932).
- Marionina subtilis* (Ude, 1896)
9-10. 27. 09. 1926. Loc: Ushuaia, Tierra del Fuego Leg. Dr. Michaelsen.
- Marionina* sp.
374-380. 05. 10. 1904. Loc: Plymouth, Beddard's collection.
178-181. 01. 03. 1949. Loc: Bangor, North Wales, sea shore Leg. L. Černosvitov, 09. 04. 1941.
64-157. 31. 1978. Loc: River Bann Esturay, North Ireland.
64-157. 31. 1978 Loc: River Bann Esturay, North Ireland Leg: W. Soetikno, 14. 03. 1977. Det. E.G. Easton.
- Genus *Mesenchytraeus* Eisen, 1878**
- Mesenchytraeus armatus* (Levinsen, 1884)
421. 01. 03. 1949. Loc: Bogdan, Carpathian Mts. Leg. L. Černosvitov, 06. 08. 1925.
37. 01. 03. 1949. Loc: Faroe Isl. Černosvitov's collection.
545. 05. 10. 1904. Loc: Hamburg Beddard's collection.
- Mesenchytraeus eltoni* Stephenson 1925
71-75. 08. 06. 1925. Co-types Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1925 (Stephenson 1925).
- Mesenchytraeus ogloblini* Černosvitov, 1928
396-420. 01. 03. 1949. Types. Loc: Apšinec, Carpathian Mts. Leg. (Černosvitov, 1928).
- Mesenchytraeus solifugus* (Emery, 1898)
1233-1237. 2006. Loc: Anderson glacier, Olympic Mts. Washington State, USA Leg. Benjamin Lee, 23. 07. 2005.
1238-1241. 2006. Comox Glacier, Vancouver Island, British Columbia, Canada Leg. Benjamin Lee, 30. 07. 2005.
- Mesenchytraeus* sp.
1. 21. 02. 1933. Loc: Spitsbergen.
70-72. 03. 1967. Loc: Bowling greens, Hurling Club Raynes Park, London Leg. S.M. Smith 28. 04. 1966. Det. R.W. Sims.
55-60. 08. 06. 1925. Loc: Liefde Bay, Spitsbergen Leg. Oxford Univ. Exp. 1925.
7-9. 02. 1962. Loc: Barrackpore, Calcutta, India Leg. G. Michael Det. R.W. Sims.
- Genus *Michaelsena* Ude, 1896 – invalid genus, synonymised with other genera**
- Michaelsena subtilis* Ude, 1896 = *Marionina subtilis* (Ude, 1896) (Nielsen and Christensen 1959).
- Genus *Oconnorella* Rota, 1995**
- Oconnorella cambrensis* (O'Connor, 1963)
41. 1. 09. 1964. Syntypes Loc: soil in coniferous forest Bangor, North Wales.
- Genus *Pachydrilus* Claparède, 1861 - invalid genus, synonymised with other genera**
- Pachydrillus insularis* Ude, 1896 = *Lumbricillus insularis* (Ude, 1896) (Nielsen & Christensen 1959)
- Pachydrillus lineatus* (Müller, 1774) = *Lumbricillus lineatus* (Müller, 1774) (Nielsen & Christensen 1959)
- Genus *Stephensiella* Černosvitov, 1934**
- Stephensiella marina* (Moore, 1902)
129. 12. 05. 1925. Loc: Barkuda, Chilka Lake.
- Genus *Stercutus* Michaelsen, 1888**
- Stercutus niveus* Michaelsen, 1888
311-313. 05. 10. 1904. (with duplicates) Loc: Hamburg Beddard's collection.

LIST OF SPECIES IN ALPHABETICAL ORDER

- aegialites Lumbricillus* Stephenson, 1922 = *pagenstecheri Lumbricillus* (Ratzel, 1869)
aestuum Lumbricillus (Stephenson, 1932)
aestuum Marionina Stephenson, 1932 = *aestuum Lumbricillus* (Stephenson, 1932)
agricola Fridericia Moore, 1895
albidus Enchytraeus Henle, 1837
antarcticus Lumbricillus Stephenson, 1932
aporus Enchytraeus Stephenson, 1925 = *aporus Marionina* (Stephenson, 1925)
aporus Marionina (Stephenson, 1925)
arenarius Lumbricillus (Michaelsen, 1888) Knöllner, 1935
argentea Marionina (Michaelsen, 1889)
argenteus Enchytraeus Michaelsen, 1889 = *argentea Marionina* (Michaelsen, 1889)
armatus Mesenchytraeus (Levinsen, 1884)
atrata Cernosvitoviella (Bretscher, 1903)
australis Enchytraeus Stephenson, 1932
barkudensis Enchytraeus Stephenson, 1915 = *marina Stephensoniella* (Moore, 1902)
bisetosa Fridericia (Levinsen, 1884)
bohémica Achaeta (Vejdovsky, 1879)
briganta Cernosvitoviella Springett, 1969
brucei Henlea Stephenson, 1922 = *perpusilla Henlea* Friend, 1911
buchholzi Enchytraeus Vejdovsky, 1879
bulboides Fridericia Nielsen & Christensen, 1959
bulbosa Fridericia (Rosa, 1887) – nomen dubium
callosa Fridericia (Eisen, 1878)
cambrensis Marionina O'Connor, 1964 = *cambrensis Oconnorella* (O'Connor, 1964)
cambrensis Oconnorella (O'Connor, 1964)
carcinophilus Enchytraeus Baylis, 1915
carmichaeli Fridericia Stephenson, 1915 = *F. peregrinabunda* Michaelsen, 1913
cavicola Enchytraeus Stephenson, 1924 = *stephensoni Hemienchytraeus* (Cognetti, 1927)
cernosvitovi Guaraniidrilus Healy, 1979
christenseni Lumbricillus Tynen, 1966
colpites Enchytraeus Stephenson, 1932 = *colpites Lumbricillus* (Stephenson, 1932)
colpites Lumbricillus (Stephenson, 1932)
columbiana Henlea Michaelsen, 1913 = *columbianus Guaraniidrilus* (Michaelsen, 1913)
columbianus Guaraniidrilus (Michaelsen, 1913)
connata Fridericia Bretscher, 1902
crymodes Enchytraeus Stephenson, 1922 = *crymodes Marionina* (Stephenson, 1922)
crymodes Marionina (Stephenson, 1922)
ehlersi Bryodrilus Ude, 1892
eltoni Enchytraeus Stephenson, 1924 = *eltoni Lumbricillus* (Stephenson, 1924)
eltoni Lumbricillus (Stephenson, 1924)
eltoni Mesenchytraeus (Stephenson, 1925)
fallax Buchholzia Michaelsen, 1887
fragilis Henlea Friend, 1912 = *nasuta Henlea* (Eisen, 1878)
galba Fridericia (Hoffmeister, 1843)
georgiana Marionina (Stephenson, 1922)
glandulosa Cognettia (Michaelsen, 1888)
grisea Marionina Stephenson, 1932
heleotropa Henlea Stephenson, 1922
hyalinus var. *densus Enchytraeus* Friend 1912
incisa Achaeta Friend, 1911 – nomen dubium
indicus Enchytraeus Stephenson, 1912
insularis Lumbricillus (Ude, 1896)
insularis Pachydriulus Ude, 1896 = *insularis Lumbricillus* (Ude, 1896)
kelsalli Aspidodrilus Baylis, 1914
kincaidi Enchytraeus Eisen, 1904
lampas Henlea (Eisen, 1878) – nomen dubium
liefdensis Enchytraeus Stephenson, 1924 = *kincaidi Enchytraeus* Eisen, 1904
lineatus Lumbricillus Müller, 1774
lineatus Pachydriulus (Müller, 1774) = *lineatus Lumbricillus* (Müller, 1774)
magna Fridericia Friend, 1899
marina Stephensoniella (Moore, 1902)
minimus Enchytraeus Bretscher, 1899 = *Enchytraeus buchholzi* Vejdovsky, 1879
monochaeta Marionina (Michaelsen, 1888)
musciola Enchytraeus Stephenson, 1924 = *Lumbricillus muscicolus* (Stephenson, 1924)
muscicolus Lumbricillus (Stephenson, 1924)
nasuta Henlea (Eisen, 1878)
neotropica Achaeta Cernosvitov, 1937
nigrina Fridericia Friend, 1913 – nomen dubium
niveus Stercutus Michaelsen, 1888
ochracea Henlea (Eisen, 1878)
oglobini Mesenchytraeus Cernosvitov, 1928
pagenstecheri Lumbricillus (Ratzel, 1869)
parasiticus Enchytraeus Baylis, 1914
peregrinabunda Fridericia Michaelsen, 1913
perpusilla Henlea Friend, 1911
perrieri Fridericia (Vejdovsky, 1878)
polycheta Fridericia Bretscher, 1900 – nomen dubium
pretoriana Fridericia Stephenson, 1930
solifugus Mesenchytraeus (Emery, 1898)
sphagnetorum Cognettia (Vejdovsky, 1877)
stephensoni Hemienchytraeus (Cognetti, 1927)
striata Fridericia (Levinsen, 1884)
subtilis Marionina (Ude, 1896)
subtilis Michaelsena Ude, 1896 = *subtilis Marionina* (Ude, 1896)
tenella Henlea Eisen, 1878 = *H. ochracea* (Eisen, 1878)
tenellus Hepatogaster Eisen, 1878 = *H. ochracea* (Eisen, 1878)

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