

CHECKLIST OF NEW BRUNSWICK NON-MARINE MOLLUSCA

A. LA ROCQUE

Little collecting has been done in New Brunswick, one of the Maritime Provinces of Canada adjoining Maine, Quebec, and Nova Scotia. Nevertheless, printed records go back at least to 1884 (see References Cited, Matthew) and others have appeared at intervals since then. The writer's Catalogue (La Rocque, 1953) incorporated some of these records but statements on range were necessarily brief so that New Brunswick is not mentioned specifically under individual species unless that province happened to be the eastern margin of its range. Comparison of the list given below with those for adjoining areas will show that many more mollusks probably occur in New Brunswick than the records indicate. Perhaps this list will stimulate collectors to greater activity in the area. The pages of *STERKIANA* will be open to anyone wishing to supplement the following list.

1. NAIADES

1. *ALASMIDONTA UNDULATA* (Say) 1817. Nylander 1914: 140. La Rocque 1953: 86.
2. *ANODONTA MARGINATA* Say 1817. Nylander 1914: 140. La Rocque 1953: 88.
3. *ELLIPTIO COMPLANATUS* (Dillwyn) 1817. Whiteaves 1895: 10. Nylander 1914: 140. La Rocque 1953: 91.
4. *MARGARITIFERA MARGARITIFERA* (Linnaeus) 1758. Nylander 1914: 140. Larchford 1911: 19. St. Croix River, near St. Stephens. La Rocque 1953: 85.

2. SPHAERIIDAE

5. *SPHAERIUM STRIATINUM* (Lamarck) 1816. Nylander 1914: 140. La Rocque 1953: 116.

3. FRESHWATER PULMONATES

6. *FERRISSIA BOREALIS* (Morse) 1864. Nylander 1914: 140. La Rocque 1953: 295.
7. *GYRAULUS DEFLECTUS* (Say) 1824. Nylander 1914: 141. La Rocque 1953: 294.
8. *HELISOMA ANCEPS* (Menke) 1830. Nylander 1914: 141. La Rocque 1953: 286.
9. ?*HELISOMA ANCEPS AROOSTOOKENSE* (Pilsbry) 1895. Nylander 1914: 141 (Maine only), possible for New Brunswick. La Rocque 1953: 287.
10. *HELISOMA ANCEPS PORTAGENSE* (Baker) 1908. Nylander 1914: 141. La Rocque 1953: 287.
11. *HELISOMA CAMPANULATUM* (Say) 1821. Nylander 1914: 141. La Rocque 1953: 288.

12. *HELISOMA TRIVOLVIS* (Say) 1817. Nylander 1914: 141. La Rocque 1953: 291.

13. *PHYSA ANCILLARIA* Say 1825. Nylander 1914: 141, not mentioned for New Brunswick but present in adjacent parts of Maine and Quebec. La Rocque 1953: 297.

14. *PHYSA HETEROSTROPHA* Say 1817. Nylander 1914: 140. La Rocque 1953: 298.

15. *PHYSA SAYII* Tappan 1839. Nylander 1914: 141. La Rocque 1953: 300.

16. *STAGNICOLA EMARGINATA CANADENSIS* (Sowerby) 1872. Nylander 1914: 140, Temiscouata Lake, Quebec, only; possible for New Brunswick. La Rocque 1953: 277.

18. *STAGNICOLA EMARGINATA MIGHELSI* (Binney) 1865. Nylander 1914: 140, Maine only; possible for New Brunswick. La Rocque 1953: 277.

5. LAND GASTROPODA

19. *ANGUISPIRA ALTERNATA* (Say) 1816. Matthew 1884. Bailey 1903: 15. La Rocque 1953: 320.

20. *ARION CIRCUMSCRIPTUS* Johnston 1828. La Rocque 1953: 323. Dundee and Dundee 1958: 52.

21. *CARYCHIUM EXIGUUM* (Say) 1822. Bailey 1903: 15. La Rocque 1953: 339.

22. *CEPAEA HORTENSIS* (Müller) 1774. Bailey 1903: 15. La Rocque 1953: 339.

23. *CIONELLA LUBRICA* (Müller) 1774. Bailey 1903: 15. La Rocque 1953: 339.

24. *DISCUS CRONKHTEI* (Newcomb) 1865. Bailey 1903: 15 (*Patula striatella*). Nylander 1914: 141 (*Pyramidula*). La Rocque 1953: 321.

25. *EUCONULUS FULVUS* (Müller) 1774. Bailey 1903: 15 (*Zonites fulvus*). La Rocque 1953: 311.

26. *GASTROCOPTA CORTICARIA* (Say) 1816. Bailey 1903: 15 (*Pupa*). La Rocque 1953: 331.

27. *HELICODISCUS PARALLELUS* (Say) 1821. Bailey 1903: 15 (*H. lineatus*). La Rocque 1953: 322.

28. *HYGROMIA HISPIDA* (Linnaeus) 1758. Bailey 1903: 15 (*Fruticicola*). La Rocque 1953: 302.

29. *MESODON SAYANUS* (Pilsbry) 1906. Matthew 1884 (*Helix Sayii* Binney). Bailey 1903: 15 (*Mesodon sayii*). La Rocque 1953: 305.

30. *OXYCHILUS CELLARIUS* (Müller) 1774. Bailey 1903: 15 (*Zonites*). La Rocque 1953: 312.

31. *PARAVITREA MULTIDENTATA* (Binney) 1840. Matthew 1884 (*Hyalina*). La Rocque 1953: 314.

32. *PUNCTUM MINUTISSIMUM* (Lea) 1841. Bailey 1903: 15 (*Microphysa pygmaea* Drap.). La Rocque 1953: 322.

33. *RETINELLA ELECTRINA* (Gould) 1841. Bailey 1903: 15 (*Zonites viridulus*). La Rocque 1953: 313.

34. *STENOTREMA FRATERNUM CAVUM* (Pilsbry) 1911. Nylander 1914: 141 (*Polygyra monodon cava*). La Rocque 1953: 304.

35. *STENOTREMA LEAII* (Binney) 1878. Matthew 1884 (*Helix monodon* Rack). Bailey 1903: 15 (*Stenotrema Monodon* Rackett). La Rocque 1953: 304 (*Stenotrema monodon*).

36. *STRIATURA EXIGUA* (Stimpson) 1850. Bailey 1903: 15 (*Zonites*). La Rocque 1953: 317.

37. STROBILOPS LABYRINTHICA (Say) 1817.
Bailey 1903: 15 (Strobila). La Rocque 1953: 330.
38. SUCCINEA AVARA Say 1824. Bailey
1903: 15. La Rocque 1953: 328.
39. SUCCINEA OVALIS Say 1817. Bailey
1903: 15 (S. ovalis and S. obliqua). Nylander
1914: 141. La Rocque 1953: 329.
40. TRIODOPSIS ALBOLABRIS (Say) 1816.
Matthew 1884 (Helix). Bailey 1903: 15
(Mesodon). La Rocque 1953: 306.
41. VALLONIA PULCHELLA (Müller) 1774.
Bailey 1903: 15. La Rocque 1953: 338.
42. VERTIGO GOULDII (Binney) 1843.
Bailey 1903: 15, questioned. La Rocque
1953: 334.
43. VITRINA LIMPIDA Gould 1850.
Bailey 1903: 15. La Rocque 1953: 317.
44. ZONITOIDES ARBOREUS (Say) 1816.
Matthew 1884 (Hyalina). Bailey 1903: 15
(Zonites). Nylander 1914: 141. La Rocque
1953: 316.
45. ZOÖGENETES HARPA (Say) 1824.
Bailey 1903: 15 (Acanthinula). Nylander
1914: 141 (Zoögenitis). La Rocque 1953:
338.

REFERENCES CITED

- BAILEY, George W. (1903?) The Land Snails
of New Brunswick. --- Bull. Nat. Hist. Soc. N.
B., No. 21, art. 3, p. 15.
- DUNDEE, Dee S. and DUNDEE, Harold A.
(1958) Extensions of Known Ranges of Four
Mollusks. --- Nautilus 72: 51-53.
- La ROCQUE, Aurèle (1953) Catalogue of
the Recent Mollusca of Canada. --- Nat. Mus.
Canada, Bull. 129, ix + 406 pp.
- LATCHFORD, Frank R. (1911) Concholo-
gical Notes. --- Ottawa Nat., 25: 19.
- MATTHEW, G. F. (1884) Discoveries at a
Village of the Stone Age at Bocabec, N. B.
--- Bull. Nat. Hist. Soc. N. B., No. 3,
pp. 6-29.
- NYLANDER, Olof O. (1944) Distribution
of some Freshwater Shells of the St. John's
River Valley in Maine, New Brunswick, and
Quebec. --- Nautilus 27: 139-141.
- WHITEAVES, Joseph F. (1895) Notes on Re-
cent Canadian Unionidae. --- Canad. Record
Sci., 6: 250-263 (reprint, 14 pp.).
- WINTEMBERG, W. J. (1919) Helix hortensis
Müller at Halifax, Nova Scotia. --- Nautilus
33: 71.