

Nat. Can. **75**: 209–210. 1949 a note in which I selected as type of this species the Chamisso collection from Saint Lawrence Bay, cited by Lessing in his report on the Synanthèreæ of the Romansoff Expedition.

Soon after, Dr. Bassett Maguire published in vol. **52**: 281–3. 1950 of this journal a short paper, entitled “On the application of the name *Arnica lessingii* (Torrey & Gray) Greene,” in which he selected again a new type for this entity.

Apparently both of us had overlooked an earlier and apparently quite satisfactory typification by Rydberg, North Am. Fl. **34**: 328. 1927. The earlier typification by Rydberg must stand unless demonstrably in error. It appears to be identical with that of Maguire and therefore the synonymy given in *Rhodora* **52**: 283. 1950 must stand as substantially correct.

ARNICA PLANTAGINEA Pursh. Range extension:—Quebec, Ungava: *E. Lepage* 14,598, rivière aux Mélèzes, calcaires dolomitiques, 10 août 1945 (DAO); *Dutilly, Lepage & Duman* 28,234, rivière aux Mélèzes, Big Dolomite Hill, lat. 57° 35', sur dolomie (miettée, 25 août 1951 (DAO); *Dutilly, Lepage & Duman* 28,211, mont au sud de la rivière aux Mélèzes, 13 miles en haut de la fourche, lat. 57° 35', sur tablette de roc magnésien, 23 août 1951 (Lep).

This species appears to be confined to magnesian and dolomitic outcrops.—BERNARD BOIVIN, DIVISION OF BOTANY AND PLANT PATHOLOGY, DEPARTMENT OF AGRICULTURE, OTTAWA, CANADA.

A NEW HAMPSHIRE STATION FOR *HETERANTHERA DUBIA* (Jacq.) MacM.—Among the many new stations for aquatics discovered in the recent New Hampshire State Fish and Game Departments, “Wildfowl Waterways Survey” is one for *Heteranthera*, Post Pond, Lyme, Grafton Co., September 11, 1947, Krochmal. In a considerable series of specimens of “Potamogeton” set aside in the autumn of 1950 for critical study was this Post Pond collection which defied for a time all attempts at identification. Mr. Paul Giguere, now at Cornell University, while making a preliminary visit there accompanied a field class to Hatch Lake in Easton, New York on November 3, 1950. *Heteranthera dubia* was one of the aquatics collected during that

visit. It proved to be a good match for our unknown. Dole et al¹ make the following statement about its geographical distribution in Vermont, "frequent in the Champlain Valley." They do not mention its presence elsewhere in the state. The nearest Massachusetts stations from which specimens have been seen by the authors are West Springfield in the Connecticut Valley and Wenham in Essex County. In Maine, Ogden, Steinmetz and Hyland² record it from Aroostook, Penobscot and Waldo counties. Presumably, if the considerable number of herbarium specimens is any indication, it is quite abundant in the St. Lawrence River Valley in the general vicinity of Montreal.

Fernald³ gives the following range statement for this species. "Streams and quiet waters or their argillaceous or calcareous shores. Florida to Texas and Mexico, n. to sw. Quebec, s. Ont., . . ." Some modification of the geographical data would seem to be desirable to specifically include Maine and New Hampshire. Post Pond perhaps satisfies the habitat requirement as stated in the foregoing quoted passage. According to Warfel, MacCoy and Foote,⁴ P. 112, Post Pond has a pH of 7.0 down to a depth of at least 11 feet and becomes somewhat more acid at lower levels. R. J. Lougee,⁴ P. 147, states "Post Pond . . . has a remarkably flat clay floor . . ." This collection is in the Herbarium of the University of New Hampshire.—A. R. HODGDON, UNIVERSITY OF NEW HAMPSHIRE, DURHAM, NEW HAMPSHIRE; AND STANLEY B. KROCHMAL, NEW HAMPSHIRE STATE FISH & GAME DEPARTMENT, CONCORD, NEW HAMPSHIRE.

BORRICHIA FRUTESCENS FROM CHESAPEAKE BAY.—In the August 1951 number of RHODORA (vol. 53: p. 206), Dr. S. F. Blake effectively deleted the records of *Borrichia frutescens* (L.) DC., not only from the District of Columbia, but also from all shores inside the mouth of Chesapeake Bay. The next month I was exploring a saltmarsh near the end of Northern Neck, the peninsula between the Potomac River and the Rappahannock,

¹ The Flora of Vermont, 3rd rev. ed. 79, 1937.

² Vascular Plants of Maine. Bull., Josselyn. Bot. Soc. 8. 21, 1948.

³ Gray's Manual of Botany. 8th ed. 397, 1950.

⁴ Biological Survey of the Connecticut Watershed, N. H. Fish and Game Department Survey Rep't no. 4, 1939.



Hodgdon, A R and Krochmal, Stanley B. 1953. "A New Hampshire Station for *Heteranthera dubia* (Jacq.) Macm." *Rhodora* 55, 57-58.

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