

AQUATIC PLANT RESEARCH IN THE EASTERN AND CENTRAL PARTS OF NORTH AMERICA

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ABSTRACT: The field experiment in the eastern and central parts of North America was carried out in the summers 2008 and 2012. The investigated aquatic communities, representing nine sites from British Columbia, Alberta, Saskatchewan provinces in Canada as well as Utah state in USA (Fig. 1), are as follows:

1. **Seabed:** *Phylospadix scouleri*, *Zostera japonica*, *Z. marina*.
2. **Freshwater pond:** *Eleocharis pauciflora* (Lightf.) Link, *Limosera aquatica* L. (Figs. 2, 3).
3. **Freshwater pond:** *Potamogeton pusillus* var. *tenuissimus* (Mert. & W. D. J. Koch) R. R. Haynes & Hellq., *Spirodela polyrhiza* L., *Sagittaria cuneata* E. Sheldon. (Fig. 4).
4. **Freshwater pond:** *Callitriche verna* L. (Fig. 5).
5. **Inland saline lake (Redberry lake: Fig. 6):** *Chara* sp. *Potamogeton pectinatus* L., *Ruppia occidentalis* S. Wats., *Salicornia europaea* L., *Suaeda maritima* (L.) Dumort., *Triglochin maritimum* L. (Fig. 7).
6. **Freshwater pond:** *Eleocharis pauciflora* (Lightf.) Link, *Lemna trisulca* L., *Potamogeton pusillus* L. subsp. *pusillus*, *Ranunculus cymbalaria* Pursh, *R. aquatilis* L. var. *diffuses* With., *Schoenoplectus validus* (Vahl) T. Koyama, *Typha latifolia* L., *Zannichellia palustris* L. (Figs. 9, 10).
7. **Inland saline lake (Timpie Springs: Fig. 11):** *Ruppia maritima* L., *Salicornia europaea* L., *Zannichellia palustris* (Figs. 12, 13).

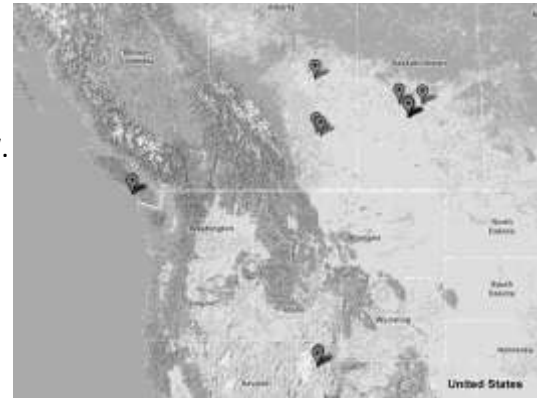


Fig. 1. The 11 representative investigated sites in northern Europe.



Fig. 2. *Eleocharis pauciflora*. Fig. 3. *Limosera aquatica* Fig. 4. *Sagittaria cuneata* Fig. 5. *Callitriche verna* Fig. 6. Redberry Lake (Saskatchewan, Canada).



Fig. 7. *Ruppia occidentalis*. Fig. 8. *Zannichellia palustris*. Fig. 9. *Ranunculus aquatilis* var. *diffuses*. Fig. 10. *Ranunculus cymbalaria*



Fig. 11. Timpie Springs (Utah, USA).

Fig. 12. *Salicornia europaea*.

Fig. 13. *Ruppia maritima*.

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