

A new locality of *Groenlandia densa* (L.) FOURR. (Potamogetonaceae) in the surroundings of the southern Harz Mountains (Central Germany)

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Groenlandia densa (L.) FOURR. (= *Potamogeton densus* L.) constitutes one of the exceedingly rare plant species ascribed to the southern Harz Mountain area and its surroundings (Saxony-Anhalt, Thuringia). The first reliable record of *Groenlandia densa* in this region can be found in WALLROTH 1822: "*Potamogeton densus* L., In fossis uliginosis ad Wiehe" (51°16'N, 11°25'E).

Seen herbarium material from this region:

Potamogeton densus L.: Flora thuring[iaca], In Gewässern bei Grossfurra, 08.1892 Hermann Sterzing (51°23'N, 10°48'E) [GOET, PRC]; – Tümpel b[ei] Nordhausen, 20.07.1892 Louis Osswald (51°29'N, 10°48'E) [JE], see also OSSWALD 1893; *Potamogeton densus* L. var. *lancifolius* KOCH: Flora hercynica, in fossis Nordhaus[en], 23.07.1892 Adolf Vocke (51°29'N, 10°48'E) [W 2007-0005336, PRC]; Flora hercynica, in fossis aqua repletis Nordhausen, 23.07.1892 Adolf Vocke (51°29'N, 10°48'E) [PRC]; – Flora hercynica, in aquis stagnantibus Nordhaus[en], 23.07.1892 Adolf Vocke (51°29'N, 10°48'E) [JE]; *Potamogeton densus* L. var. *lanceolata*: In fossis Ziegelei pr[o]pe Petersdorf, 07/08.1892 Adolf Vocke (51°31'N, 10°49'E) [GOET].

Of these documented localities in the surroundings of Großfurra, Wiehe, Petersdorf, and Nordhausen today exist no actual records since more than 100 years.

In the vegetation period of 2009, a new locality has been found: Saxony-Anhalt, district of Mansfeld-Südharz: Einzingen, alt. c. 170 m, 25.06.2009 Armin Hoch (51°26.717'N, 11°21.642'E) [GOET]. This locality is c. 20–40 km distant from the earlier known places. There are more than 5.000 individuals growing in a small pond in the middle of the village. The pond has an inflow from several springs as well as a permanent outflow.

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References

- OSSWALD L., 1893: Beiträge zur Flora von Nord-Thüringen. – Mitth. Thüring. Bot. Ver. 3/4: 57-59.
- WALLROTH F.W., 1822: Schedulae criticae de plantis florum Halensis selectis. Corollarium novum ad C. Sprengelii Floram Halensem. Accedunt generum quorundam specierumque omnium definitiones novae, excursus in stirpes difficiliores et icones V Tomus I, Phanerogamia. – Halae: Car. Aug. Kümmelius.

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