

Helvella hyperborea and *H. pedunculata* found in North America

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HARMAJA, H. 1981: *Helvella hyperborea* and *H. pedunculata* found in North America. — *Karstenia* 21: 49.

The author reports one collection of *Helvella hyperborea* Harmaja (sect. *Acetabulum* Diss.) and five collections of *H. pedunculata* Harmaja (sect. *Leucomelaenae* Diss.) from inner Quebec, Canada. The recently described species have been known only from northwestern Europe.

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Among fungi collected in Quebec by Finnish mycologists from Turku University and sent to me for identification, I detected one immature specimen of *Helvella hyperborea* Harmaja (sect. *Acetabulum* Diss.) and five specimens of *H. pedunculata* Harmaja (sect. *Leucomelaenae* Diss.). Both species were described only recently (Harmaja 1978) and treated more comprehensively in a paper published in the following year (Harmaja 1979). *H. hyperborea* was known from Finland, Sweden, Norway and Iceland, and *H. pedunculata* from Finland and Norway, so the present records add a new continent and a new country to their distribution areas. However, the species have presumably been collected in additional areas but been misnamed or not named at all. For example, '*H. solitaria* (Karst.) Karst.' as treated by Kempton and Wells

(1970) may include specimens of *H. pedunculata*.

Specimens examined

H. hyperborea

Canada. Quebec. New Quebec Terr.: SE of Schefferville, N end of Astray Lake, SE of Mike Lake, 54° 41' N / 66° 37' W, alt. 1700 ft., brook flowing to Astray Lake below the road, 4. VIII. 1967 Mäkinen 67-1371 (TUR).

H. pedunculata

Canada. Quebec. New Quebec Terr.: SE of Schefferville, N end of Astray Lake, SE of Mike Lake, 54° 41' N / 66° 37' W, alt. 1700 ft., brook flowing to Astray Lake below the road, 4. VIII. 1967 Heikkilä (TUR); Mäkinen 67-1370 (TUR); Mäkinen 67-1373 (TUR); Kallio (TUR). Schefferville, area between the SE ends of John Lake and Dolly Lake, on a floating *Philonotis* carpet of a spring, 28. VII. 1978 Kallio & Mäkinen (TUR).

References

- Harmaja, H. 1978: New species and combinations in *Helvella* and *Gyromitra*. — *Karstenia* 18: 57.
— 1979: Studies on cupulate species of *Helvella*. — *Karstenia* 19: 33—45.
Kempton, P. E. & Wells, V. L. 1970: Studies on the fleshy fungi of Alaska 4. A preliminary account of the genus *Helvella*. — *Mycologia* 62: 940—959.

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