Cystoderma adnatifolium and C. arcticum n.sp. in Spitzbergen

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During my revisory work on the genus Cystoderma Fayod (Agaricales: Tricholomataceae), I examined the material collected in Spitzbergen (Svalbard) by Finnish mycologists from Turku University. One of the two specimens, an unpublished record, represents C. adnatifolium (Peck) Harmaja, which has not been reported before from arctic or oroarctic areas. The other specimen represents an undescribed species of the C. fallax Smith & Sing. group and will be described below as C. arcticum Harmaja. This specimen has been published as C. granulosum (Batsch: Fr.) Kühn. by Ohenoja (1971). Representatives of this genus are evidently infrequent in Spitzbergen; Ohenoja (1971) mentions only one earlier record from the area (likewise of C. granulosum).

Cystoderma adnatifolium (Peck) Harmaja

Specimen examined: Norway, Spitzbergen, Isfjorden, Longyearbyen, 1.VIII.1977 Paavo Kallio (TUR 72531).

Cystoderma arcticum Harmaja, n.sp.

Cystoderma adnatifolium (Peck) Harmaja

Cystoderma arcticum Harmaja, n.sp.

Cystoderma adnatifolium (Peck) Harmaja (Agaricales: Tricholomataceae) is reported from Spitzbergen (Svalbard) for the first time. A new species, Cystoderma arcticum Harmaja, is described from Spitzbergen. It belongs to the group of C. fallax Smith & Sing., but has larger spores than the other species of the group.

References


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