

Arthrosporum Massal.

Spores bent, 8-16/ascus, 3-5-septate, 10-15(-18) x 3.5-5 um, straight or curved, oblong, tips rounded; apothecia 0.3-0.7 mm diam., broadly attached, black, more-or-less shiny; disc flat; margin thin, black, \pm persistent; epihymenium dark green (blue or bluish brown according to Thomson 1997); hymenium 55-60 um, upper part blue, l+ blue; paraphyses lax, 1.5 um, tips 4-5 um; asci broadly clavate; exciple reddish brown to reddish violet, reddish violet in K, the hyphae \pm radiate and thick-walled; hypothecium red to pale red-brown, rarely light brown. Exciple and hypothecium reddish violet in K; epihymenium turning violet with N. On broad-leaved plants, especially Populus and Salix Thallus thin to dispersed or lacking, of tiny verrucules, ashy or ashy white. New England to Minnesota, Iowa, Nebraska; Saskatchewan; Northwest Territories.

.....A. populorum Massal. (syn. Bacidia populorum, B. acclinis)

Literature

Hafellner, J. 1984.

Thomson, J. W. 1997. American Arctic Lichens II. The Microlichens.