At least 9 species in Alberta. Easy to get to genus, unfortunately difficult to discriminate the species.
cavernosa Tuck. hirta (L.) Weber ex F. H. Wigg.
cornuta (cf.) Körb. lapponica Vainio
dasopoga (Ach.) Nyl. (Arcadia 2013) scabrata Nyl.
glabrata (Ach.) Vainio subfloridana Stirton
glabrescens (Nyl. ex Vainio) Vainio substerilis Motyka

DICHOTOMOUS KEY - Usnea

1a. Secondary branches swollen, shiny, sausage-like, with constricted nodes	2
2a. Sorediate; may have spiny branchlets around soralia but lacking isidia; smooth, lacking papi	
	U. glabrata
2b. Soredia relatively small and developing isidia; often with low papillae	
1b. Secondary branches not constricted at base/point of attachment to main branch, cylindrical instead	
3a. Pendulous, secondary branches growing parallel to main stem	
4a. Branches papillate (check carefully, but don't mistake pock marks from eroded isidia a	
5a. Base always blackened, usually widened like tree-trunk with obvious 'roots' at	
point; medulla dense; terminal branches round in XS; soralia punctiform to slightly	•
often bristling with isidia	
5b. Base pale or blackened, pinched at attachment point; usually K-; cortex thin, m	•
central axis variable in thickness; branches uneven due to ridges and depressions	
fibrillose (but degree of ridging, fibrils, and height of papillae highly variable); termin	
often sinuous in inland regions; soredia arising from tuburcles (slightly elevated 'wa may be contained in soralia or lacking	
4a. Branches smooth, lacking papillae; main stem with regular foveoles (=depressions); a	
isidia and soredia; base pale or often lacking from specimens	
3b. Tufted, branches divergent from main stem	
6a. Heavily to barely isidiate – if mainly sorediate, soredia bearing at least some isidia	
7a. Branches smooth, lacking papillae; base usually pale; usually abundantly isidia	
loose; branches slightly to heavily uneven because of ridges and depressions	
7b. Branches papillate, base usually blackened,	8
8a. Base with 6-9 transverse stress cracks per 5mm, ±robust, tree-like	9
9a. UV- or UV+ white just in exposed medulla; soralia plane to weak	•
often with raised cortical rim at least in part, isidia sparse and restrict	
soralia, not in mature soralia; medulla usually dense and central axis	
9b. UV+ blue white everywhere medulla exposed (like a Christmas to	
lights); fibrils often abundant near base but sparse at apices; soralia	
tuberculate, isidia abundant (rarely sparse), present in both young ar occasional	
8b. Base with 0-3 transverse stress cracks per 5mm; UV- or UV+ white in a	
not extensive; typically more irregularly branched, isidia restricted to immatu	
branches with irregular depressions, medulla lax to dense	
6b. Sorediate, lacking isidia	
10a. Branches round in XS; base blackened, often with lens-shaped cracks; cortex	
medulla dense and thin; soralia plane to weakly concave but often with raised rim	,
uniformly circular in outline; rare	•
10b. Branches uneven in XS; base pale or blackened; fibrils usually abundant and	present even
near apices; cortex thin, medulla and axis variable but usually loose; soralia conca	
circling around the central axis and revealing the axis at maturity, leaving cortical fl	
soralia	
6c. Lacking reproductive structures	, unidentifiable)