# Key to the Genera of Grey & Whitish Foliose Lichens of Alberta v. 2025

### Encompasses 73 species across 12 genera.

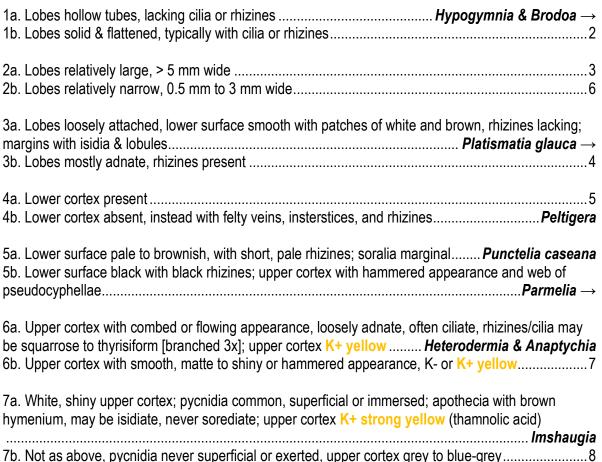
Currently excludes rare genera *Glypholecia* and *Gypsoplaca* and squamulose to areolate species in *Buellia*, *Fuscopannaria*, *Hypocenomyce*, *Pannaria* and *Parmeliella*.

### If you are using Goward et al.'s 1994 keys:

Alberta species that are missing: Anaptychia elbursiana; Heterodermia galactophylla, H. japonica, Imshaugia placorodia, Phaeophyscia decolor, P. pusilloides, Physconia enteroxantha, P. isidiigera, P. grumosa, P. labrata, Physcia subtilis.

Species nomenclatural changes: *Anaptychia crinalis* (here) equivalent to *A. setifera* in Goward; *Physcia alnophila* listed as a variety under *aipolia*; *Punctelia caseana* (here) equivalent to *P. subrudecta* in Goward.

# KEY TO THE GREY AND WHITE FOLIOSE LICHEN GENERA OF ALBERTA EXCLUDING RARE & PREDOMINANTLY SQUAMULOSE GENERA









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## **Summary of Physciaceae Genera Traits**

	Upper cortex colour	Lower cortex colour	Rhizines	Cilia	Usually pruinose/ maculate?	Cortex chemistry	Avg lobe width mm
Anaptychia	green-grey to olive brown, longitudinally striate (prosoplectench- ymatous)	pale, ecorticate usually	simple to squarrose	yes	may be pruinose	all -	0.2-1 (2)
Heterodermia	white to pale grey, longitudinally striate (prosoplectench- ymatous)	white or pigmented ecorticate in some species	simple to squarrose	some spp	neither	K+Y (atranorin)	0.5 - 2
Phaeophyscia	olive-brown to grey	black (occ.pale)	simple, often white-tipped	some spp	occacionally maculate	all -	0.2-1.5
Physcia	green-grey to white	white to pale brown	simple to sparsely branched	1 spp	may be either	K+Y (atranorin)	0.5 - 2
Physciella Not treated here, not sure present in AB	green-grey	white	simple	yes	usually neither	all -	0.3-2
Physconia	green-grey to brown	black (occ. pale near lobe tips)	squarrose	no	often pruinose	all -	0.5 - 3

## Pictorial Guide to the Grey & Whitish Foliose Genera, with Example Species

