

Polypodiaceae (Polypody Family) Key

Key to species in Newfoundland and Labrador

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- 1a. Fronds to 35 cm long, oblong-triangular, to 9 cm wide, widest near the base of the blade; blade deeply pinnatifid, segments acute to obtuse; sori with more than 40 sporangiasters (modified sporangia) bearing glandular hairs.
 ***Polypodium appalachianum*** (Appalachian polypody)
- 1b. Fronds to 35 cm long, elliptic-oblong, to 7 cm wide, widest near the middle of the blade; blade deeply pinnatifid, segments obtuse to rounded; sori with less than 40 sporangiasters (modified sporangia) bearing glandular hairs.
 ***Polypodium virginianum*** (rock polypody)

***Polypodium* (Polypodiaceae) Comparison Chart**

<i>Polypodium</i> species:	<i>P. appalachianum</i>	<i>P. virginianum</i>
	Appalachian polypody	rock polypody
Fronds	frond to 35 cm long by 9 cm wide; blade 12.5–23 cm long, deeply pinnatifid, narrowly oblong-triangular, widest at or near base	frond to 35 cm long by 7 cm wide; blade 5–25 cm long, deeply pinnatifid, elliptic-oblong, usually widest near middle
Blade Segments	blade segments linear-lanceolate, less than 8 mm wide, apex acute to obtuse	blade segments oblong, less than 8 mm wide; apex obtuse to rounded
Sori	sori round, in one row on either side of the costae; sori with more than 40 sporangiasters , densely glandular-hairy	sori round, in one row on either side of the costae; sori with fewer than 40 sporangiasters , glandular hairy
Ploidy Level	2n = 74; a diploid parent of <i>P. virginianum</i>	2n = 148; an allotetraploid, originating from a cross between <i>P. appalachianum</i> and <i>P. sibiricum</i>