Osmundaceae (Royal Fern Family) Key Key to species in Newfoundland and Labrador © Flora of Newfoundland and Labrador (2019)

Osmundaceae Comparison Chart

Species:	Osmundastrum cinnamomaeum	Claytosmunda claytoniana	Osmunda regalis var. spectabilis
	cinnamon fern	interrupted fern	royal fern
Sterile Fronds	pinnate-pinnatifid, ellip- tic-oblong; to 1.2 m long	pinnate-pinnatifid, elliptic; to 1.2 m long	bipinnate , ovate; to 1.8 m long
Shape of Pinnae or Pinnules on Sterile Fronds	pinnae linear-lanceolate, pinnatifid, ultimate segments oblong, obtuse to acute ; each pinnae with a tuft of white to cinnamon brown hairs at the base , adjacent to the rachis	pinnae linear-lanceolate, pinnatifid, 13–18 cm long, ultimate segments oblong, blunt; woolly tufts of hairs lacking at pinnae bases	pinnules linear- lanceolate, to 7 cm long, very short-staked, apex acute to rounded, base oblique to truncate, margins nearly entire at the base to denticulate towards the apex
Fertile Fronds or Fertile Pinnae	fertile fronds slightly shorter than sterile fronds, with a woolly coat of rusty-brown hairs; fertile fronds withering to the ground after spores are shed	2–5 pairs of fertile pinnae in the middle of the frond; fertile pinnae withering and falling from the rachis after spores are shed, leaving a gap in the middle of the frond	several pairs of fertile pinnae occur at the terminal part of the frond