

Gleanings

**Notes on papers (some technical and others less so)
that may be of interest**

Journal articles

Interactions between mosses (Bryophyta) and fungi

Davey, M.L. and Currah, R.S.

Canadian Journal of Botany 84: 1509-1519

A mini-review. Relationships between a wide variety of fungi and mosses include pathogen, parasite, saprobe and commensal. Pathogens have several effects. The mycorrhizal fungi seem to operate as saprobes. Endophytes may actually contribute to greater tolerance to extreme pH. There is of course much experimental work to do.

Combining alders, frankiae, and mycorrhizae for the revegetation and remediation of contaminated ecosystems

Roy, S., Khasa, D.P., and Greer, C.W. March 2007

Canadian Journal of Botany 85: 237-251

A review that explains extensions to the use of alder trees and shrubs for planting to reclaim harsh and nutrient-deficient ecosystems, such as mine spoils and river banks exposed during hydro-electric dam construction. Best results are obtained using microbial (Actinomycetes and mycorrhizal fungi) partners that are isolated from the area to be revegetated. While mechanisms are not clear, there are many successes. The authors note the planting of over 6 million actinorhizal green alders for river bank stabilization in Quebec.