

Gleanings

Journal Articles

Big old cottonwoods

Stewart B. Rood and Mary Louise Polzin
Canadian Journal of Botany 81: 764-767

When we think of old trees, we look to the giants of Clayquot Sound, Vancouver Island or the oaks of Europe. This report of *Populus trichocarpa* that are up to 400 years old points to potential for substantial longevity of section *Tacamahaca* cottonwoods as opposed to the shorter-lived section *Aigeiros* species. The authors also point out that such long-lived trees contribute to habitat structure and reveal stable floodplain locations.

Impacts of golf course construction and operation on headwater streams: bioassessment using benthic algae

Jennifer G. Winter, Peter J. Dillon, Carolyn Peterson, Ron A. Reid and Keith
 M. Somers
Canadian Journal of Botany 81: 848-858

The authors show that golf course land management on the Canadian Precambrian Shield is associated with significant differences in the abundance of certain benthic algae in headwater streams. There was a lower proportion of diatoms and a high proportion of cyanobacteria and filamentous green algae in the operational golf course streams.

Review Article

Pharmaceutical discoveries based on ethnomedicinal plants: 1985-2000 and beyond

Walter H. Lewis
Economic Botany 57: 126-134

A short review by a UBC alumnus coinciding with publication of the 2nd edition of "Medical Botany"