

## 2011 Botany Rank Review and Changes

### Mosses

- This year many updates were made to our provincial moss list. There were 73 additions to the flora and 64 mosses were removed because they were unconfirmed, falsely reported or they are no longer recognized as distinct or valid taxa.
- The taxonomic and nomenclatural changes to 146 mosses generally follow recently published taxonomy in Volumes 27 to 29 of the Bryophyte Flora of North America, Missouri Botanical Garden. Available at: <http://www.mobot.org/plantscience/BFNA/bfnamenu.htm>).
- The 554 changes to provincial conservation status reflect improved knowledge of the distribution and abundance of BC mosses, based on ongoing review of herbarium collections at the University of British Columbia and the University of Alberta. However, our knowledge of the moss flora is still increasing and many ranks remain tentative. In particular, additional work is needed to assess actual and potential threats to these species, as many of their natural habitats have undergone significant change as a result of forest harvesting and residential, agricultural and industrial development in the province.

### Vascular Plants

- 21 vascular plants were added to the BC Flora , including eight exotic species. Some additions were the result of new collections, while others were the result of re-identification of herbarium specimens.
- Six plants were removed from the list.
- There were 44 scientific name changes and one English name change.
- Provincial conservation status ranks were reviewed and adjusted for 34 taxa.