



## SOUTH COAST CONSERVATION PROGRAM

Protecting and Restoring at Risk Species and Ecological Communities on BC's South Coast

Published on *South Coast Conservation Program* (<http://www.sccp.ca>)

### Arbutus

The Arbutus (also known as "Pacific madrone") is a distinct evergreen deciduous species on Canada's west coast distributed from Mexico to the Central Coast and associated islands in BC. Typically the ecological community that forms around this species is found less than 10 kilometres from coastlines.



Arbutus in Garry oak association P.  
Zevit



Arbutus in marine association  
Arrecifazo Wikipedia



Arbutus community understory  
Curbstone Valley Farm Ca.



Typical bark attributes N. McEnany  
Wikipedia



Arbutus floral spikes Seglea Wikipedia



Hairy manzanita berry Shebs Wikipedia



Hairy manzanita leaves & flower  
Washington SU

## Characteristics

Arbutus communities typically occur on dry open marine variant or sloping sites with shallow well-drained exposed rock and rocky soils. Some communities can have deep soil profiles but drainage is key. Other species associated with

Three red-listed communities contain this species: Arbutus / hairy manzanita, Douglas-fir - arbutus and Garry oak - arbutus.

## Resources

### For further information see

#### Centre for Forest Conservation Genetics Arbutus menziesii Pursh

Our lab investigates the population genetic structure of temperate and boreal trees, and the evolutionary dynamics that have resulted in that structure. We investigate the extent of local adaptation to climate in tree populations, and the capacity of those populations to adapt to new climates using common gardens and controlled environment experiments.

#### Garry Oak Ecosystem Recovery Team - Native Plant Propagation Guidelines: Arbutus menziesii (arbutus)

#### Ecosystems of British Columbia D.V. Meidinger and J. Pojar

#### Terrestrial & Predictive Ecosystem Mapping

#### BC Species and Ecosystems Explorer: Species and Ecosystems Search

A source for authoritative conservation information on thousands of plants and animals and hundreds of ecological communities in BC. From here connect to all provincial and federal recovery plans (including the SARA Registry), COSEWIC (Committee on the Status of Endangered Wildlife in Canada), Identified Wildlife guidance and conservation requirements for specific species and ecological communities of conservation concern impacted by forestry activities) and links to E-Flora and E-Fauna (the Electronic Atlas of the Plants and Wildlife of British Columbia).

#### British Columbia's Coast Region Species & Ecosystems of Conservation Concern

A joint venture resource providing comprehensive information on a range of species and ecological communities specific to the Coast Region of BC (including the South, Central and North Coast, Vancouver Island and Haida Gwaii).

#### Develop With Care Guidelines (see Lower Mainland Region section)

Environmental guidelines for urban and rural land development in BC.

#### E-Flora the electronic atlas of the Flora of BC

A volunteer-driven GIS-based biogeoclimatic atlas of the vascular plants, fungi, algae, bryophytes and lichens of BC.

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**Source URL:** <http://www.sccp.ca/species-habitat/arbutus>

#### Links

[1] <http://cfcg.forestry.ubc.ca/resources/species-reports/arbutus/>

[2] [http://www.goert.ca/propagation\\_guidelines/trees/arbutus\\_menziesii](http://www.goert.ca/propagation_guidelines/trees/arbutus_menziesii)

[3] <http://www.for.gov.bc.ca/hfd/pubs/Docs/Srs/Srs06.htm>

[4] <http://www.env.gov.bc.ca/ecology/tem/>

[5] <http://www2.gov.bc.ca/gov/content/environment/plants-animals-ecosystems/conservation-data-centre/explore-cdc-data/species-and-ecosystems-explorer>

[6] <http://www.geog.ubc.ca/biodiversity/factsheets/>

[7] [http://www.env.gov.bc.ca/wld/documents/bmp/devwithcare2006/develop\\_with\\_care\\_intro.html](http://www.env.gov.bc.ca/wld/documents/bmp/devwithcare2006/develop_with_care_intro.html)