

Database of Forest Understory Vegetation, British Columbia – vascular plants and bryophytes in old-growth and clear-cut forests, Vancouver Island

Judith D. Toms

Abstract: Understory plant communities were surveyed at two sites on Vancouver Island, British Columbia, Canada, from 100 m into 5-15 year-old clearcuts to 200 m into old-growth stands, along three transects placed perpendicular to the forest edge. Presence/absence of bryophytes, herbaceous and woody species was measured in 10x10 m plots, scattered along the length of each transect (10, 30, 50, 75 and 100 m in the clearcut, and 10, 30, 50, 75, 100 and 200 m in the old-growth stand). While the data was collected to estimate edge effects in the understory plant community, other uses of the data are encouraged. This report describes the available content in the Database of Forest Understory Vegetation, British Columbia (GIVD ID NA-CA-001).

Keywords: ecological threshold; presence-absence.

GIVD Database ID: NA-CA-001		Last update: 2012-07-08
Database of Forest Understory Vegetation, British Columbia		
Scope: Presence/absence data of understory plants (bryophytes, herbaceous and woody plants) in 10x10m plots. Plots were located along a transect placed perpendicularly to the boundary between 5-15 year-old clearcut and old-growth forests, at 10, 30, 50, 75 and 100 m into the clearcut, and 10, 30, 50, 75, 100 and 200 m into the old-growth stand. Three transects were measured at each of two sites.		
Status: finished	Period: 1996-1996	
Database manager(s): Judith D. Toms (judithtoms@gmail.com)		
Owner: Judith D. Toms		
Web address: http://esapubs.org/Archive/ecol/E084/047/suppl-1.htm		
Availability: free online	Online upload: no	Online search: no
Database format(s): CSV file	Export format(s): CSV file	
Publication: Toms, J.D. 1997. Edge Effects in Understory Vegetation Due to Clearcutting of Old-growth Western Hemlock Forests. Honours Thesis, University of Victoria, Victoria, B.C., Canada.		
Plot type(s): normal plots	Plot-size range: 100-100 m ²	
Non-overlapping plots: 72	Estimate of existing plots: 72	Completeness: 100%
Total plot observations: 72	Number of sources: 2	Valid taxa: [NA]
Countries: CA: 100.0%		
Forest: [NA] — Non-forest: [NA]		
Guilds: all vascular plants: 100%; bryophytes (terricolous or aquatic): 100%		
Environmental data: [NA]		
Performance measure(s): presence/absence only: 100%		
Geographic localisation: political units or only on a coarser scale (>10 km): 100%		
Sampling periods: 1990-1999: 100.0%		
<i>Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/NA-CA-001</i>		

Judith D. Toms (JudithToms@gmail.com)

Eco-Logic Consulting, 3014 Craigowan Rd, Victoria, B.C. V9B 1M8, CANADA