

NATIVE BIODIVERSITY AND INVASIVE SPECIES OF BC

Youth Resources on Invasive Species

- » *Aliens Among Us: Invasive Animals and Plants in British Columbia*. Alex Von Tol, 2015. Royal BC Museum, Victoria, BC.
- » [Field Guide to Noxious Weeds and Other Selected Invasive Plants of BC](#). Invasive Species Council of BC and British Columbia Inter-Ministry Invasive Species Working Group. Available for sale or as a free download.
- » [Field Guide to Aquatic Invasive Species for British Columbia](#) (ISCBC)
- » [Grow Me Instead](#) (ISCBC) non-invasive alternatives to the most commonly sold and planted invasive plants.
- » [How To: An Invasive Video Series](#) (ISCBC)
- » [Identify BC Invasive Species](#), (ISCBC)
- » Invasive species in BC; [regional invasive species organizations and regional map](#) (ISCBC)
- » [Invasive species factsheets](#) (ISCBC)
- » [Invasive Species Teaching Cards](#) (ISCBC)
- » *Nature Out of Balance: How Invasive Species are Changing the Planet*. Merrie- Ellen Wilcox, 2021. Orca Book Publishers, Victoria, BC.
- » *They're Here! How Invasive Species are Spoiling our Ecosystems*. Roland Smith, 2023. Henry Holt and Company, New York.

BC Biodiversity Field Guides and ID Cards

- » [Backyard Birds of BC](#) –ID Cards (HCTF Education) Available for sale or as a free download.
- » [Fungi, Mosses and Lichens of British Columbia](#)- ID Cards (HCTF Education). Available for sale or as a free download.
- » [Hives, Webs, and Slime- Signs of Insects and Other Invertebrates in BC](#)- ID Cards (HCTF Education). Available for sale or as a free download
- » *Mammals of British Columbia*. Tamara Eder and Don Pattie. 2001. Lone Pine Publishing.
- » [Nearby Nature: Exploring BC's Biodiversity in your Backyard and Beyond](#) – ID Cards (HCTF Education). Available for sale or as a free download
- » [Tracks and Scats- Signs of Wildlife in BC](#) – ID Cards (HCTF Education). Available for sale or as a free download.
- » Trees of BC ID Cards, Volume 1: Needles and Scaled Leaves. (HCTF Education).

Available in [English](#) and [French](#), for sale or as a free download.

- » *Trees of BC ID Cards, Volume 2: Broad Leaves.* (HCTF Education). Available in [English](#) and [French](#), for sale or as a free download.
- » *Trees of BC, Identification Key.* (HCTF Education). Available in [English](#) and [French](#), for sale or as a free download.
- » [Tree Book: Learning to Recognize Trees of British Columbia.](#) Roberta Parish and Sandra Thomson, 1994. Canada-British Columbia Partnership Agreement on Forest Resource Development. Available for sale or as a free download.
- » *Trees, Shrubs, and Flowers to know in British Columbia and Washington.* C.P. Lyons and B. Meriless, 1995. Lone Pine Press, Whitecap books, North Vancouver B.C.
- » [Let's Go to the Pond](#), ID Cards (HCTF Education) Available for sale or as a free download
- » [Let's Go to the Ocean](#), ID Cards (HCTF Education) Available for sale or as a free download
- » [Let's Go to the Grassland](#), ID Cards (HCTF Education) Available for sale or as a free download
- » [Let's Go to the Forest](#), ID Cards (HCTF Education) Available for sale or as a free download

Ecosystems of BC

- » [Sierra Club of BC EcoMap](#) (Interactive map with species profiles)
- » [Sierra Club of BC EcoMap Workbook](#) (student workbook to learn about ecosystems and to complement the EcoMap)
- » Ecoprovinces of BC (HCTF Education, Fun map of BC with descriptions of 10 ecosystems), available in [English](#) and [French](#)
- » [Ecosystems of British Columbia](#) (BC Ministry of Forests, 6 pg brochure with general information, photographs and drawings)
- » [Biogeoclimatic Zones of British Columbia](#) (Interactive map with links to detailed brochures describing each zone)

Traditional Ecological Knowledge

Lesson Plans

- » [Everything is One Lesson Plan](#) (ISCBC) includes case studies of Indigenous knowledge of and connections to [berries](#), [bitterroot camas](#), [cedar](#), [clams](#), [salmon](#)
- » [Seasonal Rounds Lesson Plan](#) (ISCBC) includes examples of Indigenous seasonal rounds sharing natural seasonal phenomena and harvest cycles for different Indigenous groups, including [Athabaskan](#), [Coast Salish](#), [WSANEC](#), [Secwepemc](#), [Sto:lo](#), and [Haida](#)

- » [Science First Peoples Teacher Resource Guide, Grades 5-9. 2016](#), First Nations Education Steering Committee and First Nations School Association.

Field Guides and ID Cards

- » *The Boreal Herbal: Wild Food and Medicine Plants of the North*. Beverly Gray, 2012. Aroma Borealis Press, Whitehorse.
- » *Food Plants of Interior First Peoples*. Nancy J. Turner, 1997. Royal BC Museum Handbook.
- » *Held by the Land: A Guide to Indigenous Plants for Wellness*. Leigh Joseph, 2023. Wellfleet Press.
- » [Ktunaxa Ethnobotany Handbook, 'ʔa-kxam̓is q̓api qapsin' \(All Living Things\)](#).
- » *Luschiim's Plants: Traditional Indigenous Foods, Materials and Medicines*. Luschiim Arvid Charlie and Nancy J. Turner, 2021. Harbour Publishing. [Pacific Northwest Plant Knowledge Cards, Strong Nations](#).
- » [People and Plants Field ID Cards](#) (HCTF Education)-Available for sale or as a free download.
- » *Plant Technologies of First Peoples in British Columbia*. Nancy J. Turner, 1998. Royal British Columbia Museum Handbook.
- » *Saanich Ethnobotany: Culturally Important Plants of the WSANEC People*. Nancy J. Turner and Richard J. Hebda, 2019. Royal BC Museum.

Indigenous Maps and Languages

- » [First Peoples' Map of BC](#)- interactive map of Indigenous language territories
- » [First Voices](#)- Indigenous language resource

Invasive species and Indigenous Communities in British Columbia

- » [Invasive Species that Affect Indigenous Communities: Factsheet](#)
- » [Indigenous Video Playlist](#) (ISCBC)
- » [Invasive species threaten traditional Indigenous practices](#) (ISCBC)- links to stories and other resources

Regional Plant Field Guides

Coastal BC

- » *Native Plants in the Coastal Garden*. Pettinger, April and B. Costanzo, 2003. Timber Press, Oregon.
- » *Plants of Coastal British Columbia*. Pojar, Jim and A. MacKinnon (eds.), 1994. Lone Pine Press.

Okanagan, Southern Interior, and Kootenays

- » *Plants of Southern Interior British Columbia*. Parish, R., R. Coupé, D. Lloyd (eds.), 1996. B.C. Ministry of Forests and Lone Pine Publishing, Vancouver.

Northern BC

- » *Plants of Northern British Columbia*. MacKinnon, A., J. Pojar, and R. Coupé, 1992. Lone Pine Press.
- » *Plants of the Western Boreal Forest and Aspen Parkland*. Johnson, D., L. Kershaw, A. MacKinnon, J. Pojar, 1995. Lone Pine Press.

Observation and Reporting Tools

iNaturalist Links

- » [Website](#) to download and set up an account
- » [Getting started with iNaturalist](#)
- » [iNaturalist Educator's Guide](#)
- » [iNaturalist Video Tutorials](#)
- » Photography Tips- [Video tutorial](#) and [photo guide](#)
- » [I Spy and Identify Invasives iNaturalist Project](#)

Seek by iNaturalist

- » [Website](#) to download the app
- » [User Guide](#)
- » [Video](#) tutorial

Report Invasives BC

- » [Website](#) to download and video tutorial