

# Riparian Restoration Workshop

## March 12-14, 2019

*Healing the Earth Nature's Way*

*Learn how to use natural materials to restore eroding creek banks.*



**Instructor:** David F. Polster, MSc., RPBio. is an international expert in plant ecology with over 40 years of experience in restoration ecology

### **Description:**

This riparian restoration workshop will use live plant materials, rocks, soil and landscape elements to perform an engineering function such as slope stabilization, soil erosion control or seepage control.

### **Topics to be covered include:**

Live staking is taking live cuttings of shrubs and staking them in the ground where there is a lack of vegetation along eroding stream banks. The clippings will re-sprout and establish new vegetation.

Wattle fences can be used to treat steep slopes. The terracing reduces erosion while the living cuttings grow to provide a vegetative cover on the slope.



### **Pre-Registration Required!**

Cost: Free (but we need your volunteer labour on Day 2 & 3)

Email: Judy Ackinclose to confirm your attendance - [ackinclose@shaw.ca](mailto:ackinclose@shaw.ca)

### **Sponsored by:**

- Fanny Bay Salmonid Enhancement Society
- BC Parks

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Agenda

Location: 8425 Berray Road (map- <http://www.fbse.ca/img/map.jpg>) and Rosewall Creek, Horne Lake Caves Provincial Parks

## DAY ONE: Tuesday, March 12 -

**8425 Berray Road** (*Bring a notebook and pen; lunch provided*) 9:00 am

- Introduction
- Objectives
- Format of the session
- Factors involved in successful restoration
- Landforms, climate, soils, vegetation
- Successional reclamation
- Site preparation

Coffee Break

- Soil bioengineering techniques
- Species selection, collection, handling, and storage
- Soil bioengineering treatments
- Water management techniques
- Use of natural processes

Noon - Lunch (Provided)

1:00 pm – 5:00 pm

- Soil bioengineering treatments continued
- Habitat improvement techniques
- Maintenance and monitoring

**DAY Two: March 13 –Rosewall Creek Park; DAY Three: March 14 – Horne Lake Caves Park.**

*(Bring rain gear, work gloves, rubber boots, notebook, pen, and any tools you have – see photos on right of page)*

9:00 am

- Harvesting Plant Materials

Details to be arranged on Day 1

Noon (approx.) – Lunch (Provided)

1:00 pm

- Hands-on bioengineering in the field
- Wrap up between 4:00 – 4:30 pm



If you have any of the tools in the pictures below, please bring them to use on the field days. Make sure you label your tools with your name.

