

Monitoring of Macrofungi at Selected CFB Esquimalt Properties

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Location: Mary Hill, Rocky Point and Royal Roads

Start Date: May 1, 2003

Completion Date: Ongoing

Overview

Macrofungi play an important role in forest and non-forest ecosystems and their distribution is relatively poorly known.

Objectives

To compile a list of fungi collected at selected CFB Esquimalt properties and to monitor their phenology.

Methodology

Visit selected areas at regular intervals (2-3 site visits in spring and 5-6 site visits in autumn/winter after the rain). Collect specimens for identification and compile a list of species with notes on their distribution.

Results to Date

On November 6th, 2003, a mycological field trip to Rocky Point was carried out with Dr. David Largent, mycologist from the Humboldt University, Arcata, California. In spite of the dry fall this year, several interesting species were collected. Figure 1 shows the location of both, the Douglas-fir forest and Garry oak meadow survey locations at Rocky Point.

Rocky Point:

List of fungi found in a Douglas-fir forest with veteran *Arbutus menziesii* trees at Rocky Point:

Armillaria ostoyae
Clitocybe concava
Cystoderma amianthinum
Cystoderma fallax
Cystoderma granulosum
Fomitopsis pinicola
Gomphidius smithii
Gymnopillus sapineus group
Hebeloma crustuliniforme
Hebeloma sp.
Helvella lacunosa
Inocybe glabrescens
Inocybe lilacina
Lycoperdon foetidum
Lycoperdon perlatum
Mycena filipes
Mycena galericulata
Mycena pura
Mycena purpureofusca
Nidula candida
Nolanea latifolia
Phaeollus schweinitzii
Phellinus ferruginosus
Pluteus lutescens
Rhodocollybia butyracea
Rhodocybe nitellina
Strobilurus trullisatus
Stropharia ambigua
Suillus caerulescens
Trichaptum abietinum
Xeromphalina fulvipipes
Psathyrella sp.

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List of fungi found within a Garry oak meadow at Rocky Point:

Armillaria ostoyae
Calocera cornea
Cystoderma amianthinum
Gymnopilus luteocarneus
Gymnopus confluens
Marasmius plicatulus
Mycena pura
Nolanea hirtipes
Phaeolus schweinitzii
Psathyrela sp.
Rhodocollybia butyracea
Strobilurus trullisatus
Trametes versicolor
Tubaria sp.

Fungi surveys were not conducted at Royal Roads and Mary Hill in 2003, however, future site visits and collections are anticipated in the spring of 2004.

Figure 1 Map of the Douglas-fir forest and Garry oak meadow survey locations at Rocky Point.

