REPORT ON THE



Andrus Voitk

SPONSORS:

The Department of Environment, & Conservation Western Newfoundland Model Forest Gros Morne National Park

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MUSHROOM COOK-OUT CHEFS:

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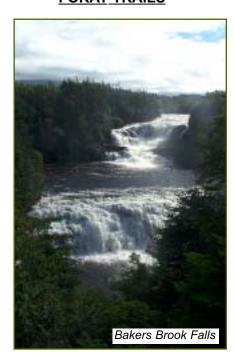
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FORAY TRAILS



- 1. Western Brook Pond & Snug Harbour
- 2. Bakers Brook Falls
- 3. Killdevil grounds
- 4. Stuckless Pond to bridge only
- 5. Stanleyville
- 6. Lomond River TOWARD Parking Lot
- 7. Lomond River FROM Parking Lot
- 8. Gros Morne
- 9. Trout River Pond
- 10. Lomond Campground, Trout River Pond Campground, Mackenzie's Brook Picknic area, other picknic and camp grounds
- 11. Stuckless Pond beyond bridge
- 12. Green Gardens lower trail
- 13. Green Gardens upper trail
- 14. Bonne Bay Big Pond area
- 15. Lomond Highlands

PROGRAM

FRIDAY, Sep 17, 2004

9:00 AM - 3:00 PM

Discovery Centre, Gros Morne National Park, Woody Point

International Mushroom Photo Exhibit

Carry-over of the highly successful exhibit by last year's faculty (mostly), open to public at Discovery Centre all summer. While there, please also note the "Along the Appalachian Trail" quilt – it depicts the flora and fauna of Western Newfoundland, including some exquisite mushroom squares.

<u>3:00 – 4:00 PM & later,</u> Lomond Room *Registration*

4:00 - 6:00 PM, Lomond Room

Welcome reception

Hosted by the people of Newfoundland and Labrador through the Ministry of Tourism, Culture and Recreation, The Hon Tom Osborne, MHA, Minister.

6:00 – 7:00 PM, Dining Hall

Supper

7:00 – 8:00 PM, Conference Room

Faye Murrin: Introduction to mushroom collecting & identification

8:00 - 9:00 PM, Conference Room

Roger Smith: Mushroom photography

9:00 – 10:00 PM, Conference Room Ken Harrison: *Boletes of Nova Scotia*

Illustrated with pictures from the book of the same name by his father, the late Ken Harrison, Sr.

SATURDAY, Sep 18, 2004

<u>8:00 – 9:00 AM</u>, Dining Hall

Breakfast

<u>9:00 AM – 1:00 PM</u>, Gros Morne Park

Morning Forays

9:00 AM – 5:00 PM, Gros Morne Park *All Day Forays*

<u>1:00 – 2:00 PM</u>, Dining Hall *Lunch*

<u>2:00 – 5:00 PM</u>, Gros Morne Park **Afternoon Forays**

<u>4:30 – 6:30 PM</u>, Lomond Room Patio *Mushroom cook-up*

<u>6:30 – 7:30 PM</u>, Dining Hall **Supper**

7:30 - 8:30 PM, Conference Room

Greg Thorn: Mushrooms of Costa Rica

8:30 - 9:30 PM, Conference Room

Lorelei L. Norvell: Life with the Chanterelle family

<u>9:30 – 10:00 PM</u>, Conference Room

Interview with a Fungus

World Première

Stage adaptation of award-winning essay by **Diane Pleninger**.

SUNDAY, Sep 19, 2004

8:00 – 9:00 AM, Dining Hall

Breakfast

9:00 AM – 12:00 PM, Gros Morne Park

Morning ID Forays

<u>9:00 AM – 12:00 PM</u>, Outside Park

Morning Forays for the Pot

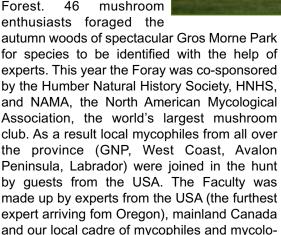
<u>12:00 – 1:00 PM</u>, Dining Hall **Lunch**

1:00 – 2:00 PM, Conference Room Andrus Voitk: *Wrap-up & Thank you*

REPORT

Sept 17-19, 2004,

Killdevil Lodge in Gros Morne Park hosted Newfoundland's second mushroom Foray, jointly sponsored bν Department of Environment & Conservation, The Hon Tom Osborne, Minister, Gros Morne National Park Western and the Newfoundland Model Forest. 46 mushroom



As last year, the Foray opened with a reception by the Department of Environment & Conservation. Presentations of books, maps and other memorabilia were made to the out of province guests from both the people of Newfoundland via the Department as well as Gros Morne Park. All registrants received a handsome registration package from the Department, containing, among other things, an embroidered yellow sou'wester

increase and 45% return rate for registrants.



foray cap. Small teams, under expert leadership, went forth into the wilderness Saturday and Sunday, foraging for mushrooms Nature had co-operated. for the woods were

bursting with

fungi.









foragers played the game of m u s h r o o m interpretation well. They were very diligent about the use collecting slips - virtually no specimen came in without a slip.

The intrepid

As opposed to last year,

no moose appeared to

eat the prized specimens

and no bear tracks were

encountered. In the wild

animal department, this

year's foragers encoun-

tered Carlo Thorn explor-

ing mud puddles, of

which there were a good-

ly choice, and a mother

caribou nursing her calf in

the morning mist.

Specimens were sorted with attempt to identify at least to genus. These were submitted to the experts' eagle eyes and authenticated specimens taken to the exhibition hall. Despite all this help, the experts were still kept busy into the night, seeking to

finally pin a name on some elusive and pesky little mushrooms, using microscopes, chemicals, tomes of books and each other for consultation.

The result was a display of 199 identified species. Although only 9% more than last year, the combination of an earlier





Foray and a warmer summer allowed us to collect 57% new species compared to last year, bringing our cumulative list to 296 species in just two years.

This year photography was added to the activities under the guidance of Canadian nature photographer Roger Smith. This generated much interest and produced the expected spate of artistic pictures. Roger's task also

extended to documentation. Once specimens had been



authenticated and entered into the exhibition hall, data entry was made for each specimen, each was photographed and dried for herbarium archiving as list vouchers. With this we entered a more rigorous and

scientific era: henceforth the NEWFOUNDLAND FORAY will only produce a list for which data is photoentered. graphic record kept and voucher specimens exist.



Barry May, a mere kitchen boy last year, displayed a phenomenal rise through the ranks to become Chef-in-Chief for the traditional mushroom cook-up or mycological





Inadvertent duplication of Lactarius deliciosus and Cantharellus tubaeformis specimens became fodder to the cook-out crew's well-greased pans



degustation held Saturday evening. In addition to edibles specifically collected for this purpose outside the Park, all edible copies were sacrificed under his knife. The efforts of his cook-up team provided the foragers with an enjoyable forum for fellowship and swapping of mushroom lore.

The evening scientific programs provided bountiful opportunity to learn about mushrooms from the experts as well as insights into the mysterious mushroom world. Lectures ranged from a basic introduction to collecting and identification, to description of specific genera in the Maritimes, an overview of mushrooms in Costa Rica and a review of everyone's favourite edible, the Chanterelle, and its relatives.

The highlight of the program turned out to be a dramatization of an essay by Diane Pleninger, a NAMA member from Anchorage, Alaska. Dorothy King in her dramatic characterization of Dorothy King, radio interviewer, surely created a true-to-life character who will remain with the audience for years. No less of a surprise was provided by the stellar Barry May, who, hardly rid of his chef's apron, rose to the challenge of depicting the dung-dwelling *Pilobilus crystallinus* with a simple yet powerful verisimilitude bordering on the unbelievable. For this historic performance we were pleased to host members of the Sierra Club, who were in a retreat-cum-planning-session near-by.

At the end participants were lined up for a group portrait. A light drizzle made the sou'westers a welcome headgear choice. After two days in the woods under gray skies, plenty of mushrooms, good fellowship, sleeping in bunk beds, washing their own dishes and sleeping through evening lectures, the participants were still smiling!

Another Foray had come to an end. 199 species were collected, identified and recorded with photographs and voucher specimens. 113 new species were added to our cumulative list, bringing it to 296 species. Several species new to Newfoundland, Canada and North America were identified, making a good foundation to a reliable provincial data-base.

Now we think 2005!





Tthe roving photographer caught a couple wistfully gazing onto the salt water inlet, already pining for next year's foray.

Photographs by Roger Smith, Michael Burzynski, Jamie Graham, Judy May and Andrus Voitk.

Copies of this Report, the 2003 Report and the species lists, 2003, 2004, cumulative, can be downloaded in pdf form from the Humber Natural History Society's web page, http://www.swgc.mun.ca/hnhs/>.



SPECIES LIST

199 SPECIES

Developed by Nathalie Djan-Chekar, Michael Burzynski, Andrus Voitk

Authenticators: Ken Harrison, Faye Murrin, Lorelei Norvell, Greg Thorn, Rod Tulloss, Andrus Voitk, Gary Warren.

NOTE:

- 1. Taxonomy in Barron: Mushrooms of Ontario and Eastern Canada has been followed, except where marked. Common usage or sense has been followed for species not named in that book.
- 2. Species marked by single asterisk* have no photo, but voucher specimen is available.
- 3. Species marked by double asterisk** have no photo or voucher specimen
- 4. Names in **bold print** denote new species this year.
- 5. List tentative further study may cause mninor revisions.



MUSHROOMS (mostly gilled AGARICALES)

Agaricus haemorrhoidarius Agaricus cf subrufescens

Amanita elongata* **Amanita flavoconia***Amanita muscaria var. guessowii

(= Amanita muscaria var. formosa) Amanita porphyria Amanita virosa (incl. A. bisporigera)

Amanita species NFL 7 (R. Tulloss)

Arrhenia acerosa f. latispora

Asterophora parasitica

Bolbitius vitellinus

Calocybe carnea

Camarophyllus pratensis
(= Hygrophorus pratensis)

Catathelasma ventricosa

Clitocybe clavipes

(=Ampulloclitocybe clavipes)



Clitopilus prunulus

Collybia tuberosa

Conocybe filaris Conocybe lactea

Coprinus comatus

Cortinarius acutus Cortinarius alboviolaceus* **Cortinarius armeniacus** Cortinarius armillatus **Cortinarius bolaris Cortinarius laniger Cortinarius limonius Cortinarius malicorius Cortinarius mucosus Cortinarius pyriodorus** Cortinarius rubellus **Cortinarius scutulatus** Cortinarius semisanguineus Cortinarius traganus **Cortinarius vibratilis** Cortinarius violaceus*

Cystoderma amianthium var. amianthium Cystoderma amianthium var. rugosoreticulatum

Entoloma cf. caeruleopolitum Entoloma lividum Entoloma majaloides

(=Rhodopolium majaloides)

Entoloma sinuatum

Galerina autumnalis

(=G. marginata)

Galerina sphagnorum

Gomphidius maculatus*

Gymnopilus penetrans Gymnopilus picreus

Gymnopus confluens (= Collybia confluens)

Hebeloma crustiliniforme (= H. crustuliniformis) **Hebeloma strophosum**

Hemimycena gracilis

Hygrocybe acutoconica Hygrocybe cantharellus* Hygrocybe conica Hygrocybe flavescens Hygrocybe miniata



Hygrocybe punicea

Hygrophoropsis aurantiaca

Hygrophorus cf. piceae

Hypholoma capnoides Hypholoma fasciculare*

Inocybe castanea Inocybe geophylla Inocybe lacera Inocybe lilacina Inocybe fastigiata

(=I. rimosa)

Inocybe subcarpta

Laccaria laccata

Lactarius affinis var. viridilactis

Lactarius camphoratu
Lactarius deceptivus
Lactarius deterrimus*
Lactarius glyciosmus*
Lactarius hibbardae
Lactarius cf. leonis
Lactarius lignyotus
Lactarius mucidus
Lactarius piperatus
Lactarius rufus
Lactarius subdulcis
Lactarius torminosus
Lactarius vinaceorufescens

Lepiota cristata

Lyophyllum connatum

Marasmius androsaceus Marasmius pallidocephalus* Marasmius thujinus*

Mycena abramsii
Mycena epipterygia
Mycena galericulata
Mycena leptocephala
Mycena murina
Mycena pura
Mycena pura var. alba

Nolanea quadrata

Panellus serotinus Panellus stipticus

Paxillus involutus

Pholiota astragalina

Phyllotus porrigens
(= Pleurocybella porrigens)





Pluteus atricapillus (= P. cervinus) Pluteus atromarginatus

Psathyrella cf. sarcocephala

Psilocybe pelliculosa

Rhodocollybia maculata

Rozites caperata

Russula cf. aeruginea Russula compacta*] Russula decolorans Russula densifolia Russula emetica s.l.* Russula fragilis Russula heterophylla Russula cf. laurocerasi Russula sanguinea Russula viscida

Stropharia alcis

Tricholoma equestre

Tricholoma pardinum]
Tricholoma pessundatum
Tricholoma sejunctum

Tricholomopsis decora

Tubaria confragosa**

Xeromphalina campanella

BOLETES (poroid AGARI- CALES)

Austroboletus gracilis

Boletus badius Boletus edulis

Chalciporus piperatus
(= Boletus piperatus)

Fuscoboletinus glandulosus

Fuscoboletinus grisellus (= Suillus grisellus)

Fuscoboletinus laricinus Fuscoboletinus spectabilis

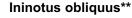
Leccinum holopus Leccinum scabrum

Suillus cavipes

(= Boletinus cavipes)

Suillus grevillei Suillus luteus

Tylopilus chromapes*
Tylopilus felleus*



Ischnoderma benzoinum

Jahnoporus hirtus

(=Polyporus hirtus [new name])

Phaeolus schweinitzii

Phellinus ferruginosus* Phellinus igniarius

Piptoporus betulinus

Polyporus badius Polyporus borealis Polyporus brumalis Polyporus elegans

Polyporus varius



POLYPORES
(APHLLOPHORALES, families Polyporaceae,
Ganodermataceae,
Boletopsidaceae and poroid
Hymenochaetaceae)

Amylostereum chailletii

Antrodia heteromorpha

Cerrena unicolor

Fomes fomentarius

Fomitopsis pinicola

Ganoderma applanatum

Gloeophyllum sepiarium

Hirschioporus abietinus (=Trichaptum abietinum)

CHANTARELLES AND REL-ATIVES (APHYL-LOPHORALES, family Cantharellaceae)

Cantharellus cibarius Cantharellus tubaeformis

Gomphus clavatus
Gomphus floccosus

TOOTH FUNGI (APHYL-LOPHORALES, family Hydnaceae and similar genera)

Bankera violascens Hydnellum diabolus Hydnellum cf. frondosum





Hydnellum geogenium
Hydnellum multiceps
Hydnellum cf. scrobiculatum

Hydnellum suaveolens

Hydnum repandum Hydnum umbilicatum

Phellodon niger var alboniger

Phellodon niger var niger

Sarcodon imbricatus Sarcodon stereosarcinon Sarcodon cf. subfelleus

CORAL FUNGI AND REL-ATIVES (APHYLLOPHO-RALES, family Clavariaceae, including Earth fans)

Clavulina cristata

Clavaria fumosa

PUFFBALLS AND RELA-TIVES (GASTEROMYCETES)

Bovista pila

Lycoperdon perlatum Lycoperdon pyriforme Lycoperdon umbrinum

JELLY FUNGI AND RELA-TIVES (AURICULARIALES, DACRYMYCETALES and TREMELLALES)

Dacrymyces palmatus

Guepiniopsis alpina





Pseudohydnum gelatinosum

Tremiscus helvelloides (= Guepinia helvelloides, Phlogiotis helvelloides)

CUP FUNGI AND RELA-TIVES (ASCOMYCOTINA, including the DIS-COMYCETES and PYRENO-MYCETES)

Bisporella citrina

Chlorociboria aeruginascens

Cudonia circinans

Helvella crispa Helvella lacunosa

> Hypomyces chrysospermus

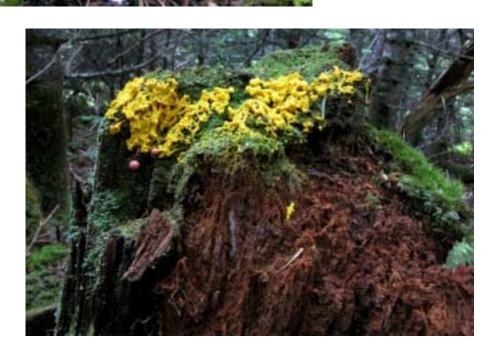
Leotia lubrica Leotia viscosa

Peziza cf. praetervisa

Podostroma alutaceum

SLIME MOULDS (MYXOMYCETES)

Lycogala epidendrium



LOGOS



Last year's logo was an as undescribed vet and unnamed species of Amanita, Section Vaginata, photographed along the Green Gardens Trail in 2000... August, Unfortunately a specimen was not preserved for definitive identification, so we'll never be able to report this new species. It illustrates the many undescribed and unique mushrooms available

cana ssp atrata), now an endangered species, is the logo of the Humber Natural History Society. It is an obvious symbol of the fragility of our natural environment and our need to know something about it in order to preserve it. This concept underscores the importance of our Foray. While we have a list of endangered animals and plants, which we update



through constant monitoring, we don't even know which mushrooms exist here, let alone their frequency, rarity, distribution, prevalence, function, relation-

discovery in Newfoundland and was chosen partly for this reason, partly for its simple beauty.

for

This year we thought we'd folwhat it is and so far have not

low last year's example chose a beautiful but unnamed and unidentified local mushroom. The depicted mushroom was seen May 28, 2001 along the Appalachian Trail between Humber Village & Corner Brook. This time I took a few small specimens, but since it looked like just another Mycena to me, didn't pay it too much heed. I saw it again on the Great Northern Peninsula one month later, but again ignored it. Well, it turns out it's not a Mycena. I don't know

been able to find out. The small dried samples are virtually gone from sending them around the world for identification, without being closer to an answer. And I have not seen this brown beauty again!

So — keep on the lookout for these and other interesting species, for you never know what may turn out to be a new and exciting find. All such finds will receive an award and an award will be given to the "Find of the Day".

The Newfoundland pine martin (Martes ameri-



ships or needs. Thus we can have no list of endangered mushroom species and may, in fact, be losing species without being aware of it.



le week at the thoroughly delightful Newfoundland Foray

dvance tice!!!



IBWFOUNDLAN **FORAY 2005**

Killdevil Lodge Gros Morne National Park

A UNESCO World Heritage Site

Sept 2-5, 2005

Labour Day Week-End

Mark your calendars!

2005 EXPERTS (tentative): Andreas Bresinsky Dave Malloch Others tba Tom Volk