

Voucher Report for the 2008 North American Mycological Association Foray

Camp Pinewood, McCall, Idaho

September 3–7, 2008

The 49th annual North American Mycological Association foray, honoring Dr. Orson K. Miller, Jr., was held at Camp Pinewood, McCall, Idaho, on September 3 - 7, 2008, and hosted by the Southern Idaho Mycological Association (SIMA). Idaho has seen five previous NAMA forays: four were up north at Priest Lake (1966, 1968, 1972, 1986) and one was just south of McCall at Donnelly in 1976. Participants explored many sites around McCall in the Payette National Forest. There was one trip to Boise National Forest, and a few to other locals. Site elevations ranged from 4000 to 6400 feet. The rugged glacier-carved mountains are part of the Idaho Batholith, the largest granitic body of rock in the United States. Basalt lava flows are found in the western portion. Habitats were mixed conifer forests of lodgepole pine, ponderosa pine, Douglas-fir, grand fir, and western larch, with aspen at some sites, and with Englemann spruce and subalpine fir at higher elevations.

The resulting species list has 266 taxa (species, varieties, and some identified only to genus) comprised of 55 ascomycetes (38 lichens), 210 basidiomycetes, and 1 myxomycetes (slime molds). The most diverse genera were *Cortinarius* (25), *Russula* (18), and *Suillus* (10). There are 251 voucher collections preserved from the foray. Identifications were made by 23 people at the foray: Principal Mycologist Cathy L. Cripps was kindly assisted by Vera Evenson, with special thanks to Roger Rosentreter (lichens), Joshua M. Birkebak (*Cortinarius* and others), Michael W. Beug (*Ramaria* and others), Thomas J. Volk, Steven L. Miller (*Russula*), Steven A. Trudell, and the other mycologists. Several specimens were later determined by Patrick Leacock and Wyatt Gaswick at The Field Museum.

Patrick offers much multi-tasking thanks to Adele Mehta (recorder), Wyatt Gaswick (voucher assistant), NAMA sponsored graduate students Joshua M. Birkebak, University of Washington, and Jeffrey C. Cameron, George

Washington University. Also much thanks to John Plischke and Noah Siegel for help with photography, and the other volunteers who gave of their time. Special thanks to SIMA members MaryLu Anderson, Bob Chehey, Linda Fleetwood, Susan Poland, Kathy Richmond, Susan Stacy, and Genny Steiner for room setup, computer, specimen labels, supplies, and running the bus forays. Heartfelt thanks to Hope Miller for supplying Orson's library and helping with mushroom dryers and shipping specimens to the museum.

We thank the board and trustees of NAMA for their continued support of the voucher program. Thanks also go to mycology volunteer Alice Pilar and our summer interns for processing specimens in the herbarium. The NAMA 2008 specimens are accessioned into the permanent herbarium collection at the Field Museum of Natural History.

Submitted by Patrick R. Leacock, NAMA Voucher Collection Project, pleacock@fieldmuseum.org. This report and species list is posted at www.lactarius.com/nama. Collection data and images of the voucher collections will be added to the NAMA Voucher Program website at <http://www.fieldmuseum.org/nama/>. Please send additions and corrections to Patrick Leacock, pleacock@fieldmuseum.org.

The 2008 North American Mycological Association Foray was hosted by the Southern Idaho Mycological Association (SIMA) and held at Camp Pinewood, McCall, Idaho, September 3–7, 2008. Principal Mycologist was Dr. Cathy Cripps. See www.namyco.org/events/mccall2008.html. This species list, prepared by the Voucher Program Committee, has 266 taxa (species and varieties); 22 persons made identifications.

The taxonomic arrangement follows The Dictionary of the Fungi, 9th edition, with some classification updates.

Phylum	Order	Family	Species
Kingdom Fungi			
Ascomycota			
	Agyriales (lichens in part)		
		Agyriaceae	
			Placynthiella oligotropha *
			Placynthiella sp. *
	Erysiphales		
		Erysiphaceae	
			Erysiphe polygoni
			Erysiphe sordida (Golovinomyces sordidus)
			Erysiphe trifolii
			Podospaera fusca
			Podospaera pannosa
	Eurotiales		
		Elaphomycetaceae	
			Elaphomyces granulatus
	Helotiales		
		Helotiaceae	
			Bisporella citrina
		Hyaloscyphaceae	
			Lachnellula sp.
	Hypocreales		
		Hypocreaceae	
			Hypomyces armeniacus
	Lecanorales (lichens in part)		
		Cladoniaceae	
			Cladonia cariosa
			Cladonia chlorophaea
			Cladonia cornuta
			Cladonia fimbriata *
			Cladonia pyxidata
			Cladonia sulphurina
		Lecanoraceae	
			Lecanora sp.
		Parmeliaceae	
			Alectoria sarmentosa subsp. sarmentosa
			Bryoria fremontii
			Bryoria fuscescens *
			Bryoria pseudofuscescens
			Hypogymnia imshaugii
			Hypogymnia tubulosa
			Kaernefeltia merrillii (Cetraria) *
			Letharia columbiana *
			Letharia vulpina
			Melanohalea cf. multispora (Melanelia)
			Nodobryoria abbreviata *
			Parmelia saxatilis *
			Parmelia sulcata
			Parmeliopsis ambigua
			Platismatia glauca
			Tuckermannopsis chlorophylla (Cetraria)

Tuckermannopsis orbata (Cetraria)
 Tuckermannopsis platyphylla (Cetraria) *
 Usnea lapponica
 Vulpicida canadensis (Cetraria) *
 Peltigerales (lichens in part)
 Collemataceae
 Leptogium lichenoides *
 Massalongiaceae
 Massalongia carnosa *
 Peltigeraceae
 Peltigera britannica
 Peltigera rufescens
 Peltigera venosa
 Placynthiaceae
 Polychidium muscicola *
 Pezizales
 Discinaceae
 Gyromitra infula
 Pseudorhizina californica (Gyromitra)
 Helvellaceae
 Helvella crispa
 Helvella lacunosa
 Pezizaceae
 Peziza cf. badia
 Peziza repanda *
 Pyronemataceae
 Scutellinia kerguelensis
 Taphrinales
 Taphrinaceae
 Taphrina alni
 Teloschistales (lichens in part)
 Teloschistaceae
 Caloplaca jungermanniae *
 Xanthomendoza fulva (Xanthoria fulva)
 Xanthoria polycarpa *
 Basidiomycota
 Agaricales
 Agaricaceae
 Agaricus albolutescens
 Agaricus campestris var. campestris
 Endoptychum depressum
 Bolbitiaceae
 Agrocybe pediades
 Hebeloma crustuliniforme
 Hebeloma mesophaeum
 Hebeloma cf. sinapizans
 Hebeloma subg. denudata
 Panaeolus semiovatus var. semiovatus (Anellaria semiovata)
 Coprinaceae
 Coprinellus micaceus
 Coprinus comatus
 Cortinariaceae
 Cortinarius cf. callochrous
 Cortinarius cf. cinnabarinus group
 Cortinarius cf. clandestinus
 Cortinarius cf. crassus *

Cortinarius croceus
 Cortinarius cyanites
 Cortinarius cylindripes (Cortinarius mucigenus)
 Cortinarius cf. elegantior
 Cortinarius flexipes complex (C. paleaceus)
 Cortinarius cf. fulvo-ochrascens
 Cortinarius cf. glaucopus
 Cortinarius cf. laetus
 Cortinarius cf. latus
 Cortinarius cf. lilacinopes *
 Cortinarius cf. malachius
 Cortinarius cf. malicorius
 Cortinarius multiformis
 Cortinarius cf. mutabilis
 Cortinarius phoeniceus var. occidentalis
 Cortinarius pseudosalor
 Cortinarius cf. subbalteatus
 Cortinarius tabularis group (C. decoloratus)
 Cortinarius traganus
 Cortinarius cf. variicolor
 Cortinarius violaceus
 Gymnopilus punctifolius
 Inocybe calamistrata
 Inocybe cf. geophylla
 Inocybe geophylla var. lilacina
 Inocybe lanuginosa group
 Inocybe praetervisa
 Inocybe rimosa group
 Inocybe aff. sororia
 Rozites caperatus
 Thaxterogaster pingue

Entolomataceae

Clitopilus prunulus
 Clitopilus cf. scyphoides (C. intermedius)

Hydnangiaceae

Laccaria nobilis group

Lycoperdaceae

Calbovista subsculpta
 Lycoperdon curtisii (Vascellum)
 Lycoperdon cf. foetidum
 Lycoperdon molle
 Lycoperdon perlatum
 Lycoperdon cf. pratense (Vascellum)
 Lycoperdon pyriforme

Nidulariaceae

Crucibulum laeve
 Nidularia deformis

Pleurotaceae

Pleurotus ostreatus

Pluteaceae

Amanita cf. amerimuscaria (Tulloss & J. Geml. nom. prov.)
 Amanita aprica
 Amanita muscaria var. alba (A. amerimuscaria nom. prov.)
 Amanita muscaria var. formosa (A. amerimuscaria nom. prov.)
 Amanita muscaria var. muscaria (A. amerimuscaria nom. prov.)
 Amanita aprica

Amanita cf. pachycolea
 Amanita pantherina
 Amanita vaginata group
 Pluteus aff. pouzarianus *

Strophariaceae
 Hypholoma capnoides
 Hypholoma fasciculare
 Pholiota aurivella group
 Pholiota flammans
 Pholiota lubrica
 Pholiota populnea (Pholiota destruens)
 Psilocybe coprophila
 Stropharia ambigua
 Stropharia hornemannii

Tricholomataceae
 Calocybe carnea
 Catathelasma ventricosum (Catathelasma ventricosa)
 Chrysomphalina chrysophylla (Gerronema)
 Clitocybe nebularis
 Clitocybe odora var. pacifica
 Cystoderma cf. granulosa (Cystoderma granulorum)
 Gymnopus acervatus
 Hemimycena lactea
 Hygrocybe conica
 Hygrophorus agathosmus
 Hygrophorus chrysodon
 Hygrophorus erubescens
 Hygrophorus olivaceoalbus
 Hygrophorus cf. pacificus
 Hygrophorus pudorinus
 Hygrophorus purpurascens
 Leucopaxillus albissimus
 Leucopaxillus gentianeus
 Lyophyllum connatum
 Lyophyllum decastes
 Mycena adonis complex
 Mycena pura
 Tricholoma imbricatum
 Tricholoma saponaceum var. saponaceum
 Tricholoma vaccinum
 Tricholoma virgatum group
 Tricholomopsis rutilans
 Xeromphalina caudicinalis

Boletales
Boletaceae
 Boletus calopus
 Boletus chrysenteron (Xerocomus)
 Boletus edulis
 Boletus rubripes
 Boletus smithii
 Boletus spadiceus (Xerocomus)
 Chalciporus piperatus
 Leccinum fibrillosum
 Leccinum insigne

Gomphidiaceae
 Chroogomphus pseudovinicolor

Chroogomphus vinicolor
 Gomphidius glutinosus
 Gomphidius subroseus
 Paxillaceae
 Paxillus atrotomentosus
 Rhizopogonaceae
 Rhizopogon cf. evadens
 Suillaceae
 Suillus albivelatus
 Suillus brevipes
 Suillus cavipes
 Suillus flavidus (Suillus umbonatus)
 Suillus grevillei
 Suillus lakei *
 Suillus ochraceoroseus (Fuscoboletinus)
 Suillus subolivaceus
 Suillus tomentosus
 Suillus viscidus (Fuscoboletinus aeruginascens)
 Cantharellales
 Cantharellaceae
 Cantharellus cibarius var. roseocanus
 Hydnaceae
 Hydnum albidum
 Hydnum repandum var. repandum
 Hydnum umbilicatum
 Dacrymycetales
 Dacrymycetaceae
 Dacrymyces palmatus s.l.
 Hymenochaetales
 Hymenochaetaceae
 Coltricia cinnamomea
 Coltricia perennis
 Inonotus tomentosus *
 Phellinus cf. chrysoloma
 Phellinus tremulae
 Phallales
 Gomphaceae
 Clavariadelphus truncatus
 Gomphus bonarii
 Gomphus floccosus
 Ramariaceae
 Ramaria cystidiophora var. fabiolens
 Ramaria largentii
 Ramaria cf. rubricarnata
 Ramaria sandaracina var. sandaracina
 Ramaria testaceoflava
 Ramaria thiersii
 Polyporales
 Albatrellaceae
 Albatrellus avellaneus
 Albatrellus ellisii
 Albatrellus flettii
 Albatrellus ovinus
 Jahnoporus hirtus
 Cystostereaceae
 Cystostereum murrain

Fomitopsidaceae
 Fomitopsis pinicola
 Gloeophyllaceae
 Gloeophyllum sepiarium
 Hapalopilaceae
 Climacocystis borealis
 Ischnoderma resinosum
 Hyphodermataceae
 Hyphoderma setigerum
 Hypochnicium polonense
 Polyporaceae
 Cryptoporus volvatus
 Neolentinus lepideus
 Oligoporus leucospongia
 Perenniporia subacida
 Phaeolus schweinitzii
 Polyporus badius
 Polyporus elegans
 Pycnoporellus alboluteus
 Trichaptum abietinum
 Russulales
 Echinodontiaceae
 Echinodontium tinctorium
 Peniophoraceae
 Peniophora aurantiaca
 Russulaceae
 Lactarius circellatus var. borealis
 Lactarius cf. deterrimus
 Lactarius hepaticus
 Lactarius cf. oculatus
 Lactarius cf. olympianus
 Lactarius repraesentaneus
 Lactarius rubrilacteus
 Lactarius rufus
 Lactarius scrobiculatus group
 Russula aeruginea
 Russula brevipes var. acrior
 Russula brevipes var. brevipes
 Russula brunneola
 Russula fragrantissima
 Russula integra var. integra
 Russula mustelina
 Russula nigricans
 Russula olivacea
 Russula parazurea
 Russula pelargonica
 Russula sanguinea
 Russula turci
 Russula viridofusca
 Russula xerampelina
 Russula xerampelina var. isabelliniceps
 Russula xerampelina var. olivaceo-vinacea
 Russula xerampelina var. rubra
 Stereaceae
 Chaetoderma luna

Thelephorales
 Bankeraceae
 Hydnellum aurantiacum
 Hydnellum caeruleum
 Hydnellum regium
 Hydnellum suaveolens
 Sarcodon imbricatus
 Sarcodon martioflavus (Hydnum martioflavum) *
 Thelephoraceae
 Polyozellus multiplex
Tremellales
 Exidiaceae
 Guepinia helvelloides (Phlogiotis)
Uredinales
 Cronartiaceae
 Cronartium cf. ribicola *
 Pucciniastraceae
 Pucciniastrum potentillae
Ustilaginales
 Ustilaginaceae
 Ustilago maydis *

Kingdom Protozoa

Myxomycota

 Physarales

 Physaraceae

 Fuligo septica

* 24 records do not have voucher specimens.