

Voucher Report for the 2014 North American Mycological Association Foray

Patrice Benson Memorial Foray
Eatonville, Washington
October 8–12, 2014

The 2014 NAMA Foray was held at The Salvation Army Camp Arnold, Eatonville, Washington, and hosted by the Puget Sound Mycological Society. Steven A. Trudell, PhD, served as Chief Mycologist. Collecting areas included Mount Rainier National Park, Gifford Pinchot National Forest, Elbe Hills State Forest, other areas of the Cascade Range, and the woods around Camp Arnold. This was the third NAMA foray in Washington, the previous being 1981 and 1993; but it marked the first foray with specimens documented for the NAMA voucher project.

Many thanks go to Adele Mehta, recorder, and the NAMA-sponsored voucher assistants: Joshua M. Birkebak, Hailee B. Korotkin (University of Tennessee, Knoxville), Nikhilesh Desai (Northwestern University, Chicago), and Viacheslav Spirin (University of Helsinki, Finland). Big thanks to the hard work of Trudell and the PSMS foray team and all the other volunteers who gave their time. We thank the board and trustees of NAMA for their continued support of the voucher program. The NAMA specimens are accessioned into the permanent herbarium collection at the Field Museum of Natural History (F) in Chicago, Illinois. Some specimens are in the care of other institutions.

This species list has 462 taxa (genus, species, varieties), comprising 44 ascomycetes (16

lichens), 416 basidiomycetes, 1 zygomycete, and 1 myxomycete. The most diverse genera were *Cortinarius* (32), *Russula* (25), *Ramaria* (16), *Tricholoma* (14), *Inocybe* (13), *Mycena* (13), *Amanita* (10), and *Lactarius* (10). Identifications were made by 34 people including Noah Siegel, Joshua M. Birkebak, Steven A. Trudell, Else C. Vellinga, Roy E. Halling, Cathy L. Cripps, Daniel Miller, Viacheslav Spirin, Renée Lebeuf, Paul Kroeger, Thomas D. Bruns, Christine Roberts, Debbie L. Viess, Andrew D. Parker, Michael W. Beug, Patrick R. Leacock, and 18 others, with lichens identified by Fred Rhoades and Katie Glew. There were 471 voucher records but only 443 collections preserved from the foray. Twenty-eight listed records do not have specimens (*). Taxa with more than one voucher specimen are indicated (2). Some collections were split with mycologists.

This species list with images and collection data will be posted on Mushroom Observer (http://mushroomobserver.org/species_list/species_lists_by_user/3534). Additional information about the NAMA Voucher Collection Project can be found on the NAMA website (<http://namyco.org>).

Submitted by Patrick R. Leacock, NAMA Voucher Collection Project, pleacock@fieldmuseum.org

Kingdom Fungi
Ascomycota

Aleuria aurantia
Bertia moriformis
Bisporella citrina
Cudonia montana
Gyromitra infula

Helminthosphaeria clavariarum
Helvella elastica
Helvella cf. *lacunosa*
Helvella maculata
Helvella vespertina
Heyderia abietis
Hypocrea pulvinata (*)
Hypomyces aurantius

Hypomyces cervinigenus
Hypomyces lactifluorum
Hypomyces lateritius
Hypomyces luteovirens
Hypomyces ochraceus
Melanospora lagenaria (*)
Ophiostoma polyporicola (*)
Otidea alutacea
Otidea onotica
Penicillium vulpinum
Rhytisma punctatum
Scutellinia scutellata
Scutellinia umbrorum
Stilbella byssiseda
Xylaria hypoxylon (3)

—lichens

Cladonia coniocraea
Evernia prunastri
Hypogymnia enteromorpha or H. apinnata
Hypogymnia imshaugii
Hypogymnia inactiva
Hypogymnia cf. occidentalis
Hypogymnia physodes (2)
Hypogymnia tubulosa
Icmadophila ericetorum (3)
Lobaria oregana (2)
Parmelia sulcata
Peltigera membranacea (2)
Pertusaria sp.
Platismatia glauca (2)
Sphaerophorus tuckermannii
Usnea sp.

Basidiomycota

Agaricus augustus
Agaricus diminutivus
Agaricus moelleri
Agaricus semotus
Agaricus semotus group
Agaricus silvicola
Albatrellus ovinus group
Alloclavaria purpurea
Alnicola sp.
Alnicola escharioides [Naucoria]
Amanita aprica [?]
Amanita constricta group

Amanita crocea group
Amanita franchetii [A. augusta] (*)
Amanita fulva group
Amanita muscaria var. formosa (2)
Amanita muscaria subsp. flavivolvata (*)
Amanita porphyria
Amanita silvicola
Amanita vaginata group (*)
Ampulloclitocybe clavipes [Clitocybe]
Antrodia carbonica (2)
Antrodia cf. serialis
Aphroditeola olida
Armillaria sp.
Armillaria nabsnona
Armillaria solidipes
Arrhenia acerosa
Asterophora lycoperdoides (2)
Athelia decipiens
Atheniella adonis [Mycena] (2)
Auriscalpium vulgare (*)
Baeospora myosura
Bolbitius titubans
Boletopsis grisea
Boletus barrowsii
Boletus edulis
Boletus fibrillosus
Boletus mirabilis
Boletus smithii
Bondarzewia sp. (*)
Bovista sp.
Byssomerulius corium
Caloboletus conifericola
Caloboletus rubripes
Calocera cornea group
Calocera viscosa
Cantharellus formosus group
Cantharellus roseocanus
Cantharellus subalbidus
Catathelasma imperiale
Chalciporus piperatus
Cheimonophyllum candidissimum
Chlorophyllum olivieri
Chroogomphus tomentosus
Chrysomphalina aurantiaca
Clavaria flavipes
Clavaria fragilis group
Clavariadelphus caespitosus
Clavariadelphus occidentalis
Clavulina coralloides
Clavulinopsis laeticolor

Climacocystis sp.	Crepidotus mollis
Clitocybe dilatata	Crepidotus stipitatus
Clitocybe nebularis (2)	Crucibulum laeve
Clitocybe odora (2)	Cryptoporus volvatus
Clitocybula atrialba (2)	Cuphophyllus aff. subviolaceus
Clitocybula familia	Cyclocybe erebia [Agrocybe]
Clitopilus prunulus	Cystoderma amianthinum
Collybia cirrhata	Cystoderma fallax
Collybia cookei	Cystodermella granulosa
Collybia tuberosa	Cystodermella terryi
Coltricia cinnamomea	Cystolepiota seminuda
Coltricia perennis	Dacrymyces chrysospermus
Connopus acervatus	Deconica montana (*)
Coprinellus micaceus	Echinodontium tinctorium (*)
Coprinopsis atramentaria	Entocybe nitida [Entoloma nitidum]
Coprinopsis cinerea	Entoloma bloxamii sensu western N.A.
Cortinarius sp.	Entoloma cyanea group
Cortinarius sp. ["violet veil"]	Entoloma formosum
Cortinarius subgenus Leprocybe	Entoloma sericellum
Cortinarius alboviolaceus	Entoloma cf. serrulatum [Leptonia]
Cortinarius anomalus (2)	Flammulaster carpophilus group
Cortinarius cf. cacaocolor	Flammulina populicola
Cortinarius callisteus (2)	Floccularia albolarripes
Cortinarius camphoratus	Fomitiporia tsugina (2)
Cortinarius caperatus	Fomitopsis cajanderi
Cortinarius cinnamomeus group	Fomitopsis officinalis [Larcifomes] (*)
Cortinarius clandestinus	Fomitopsis pinicola
Cortinarius cf. claricolor	Galerina sideroides
Cortinarius costicus	Ganoderma applanatum
Cortinarius emunctus	Ganoderma oregonense
Cortinarius flexipes group	Geastrum sp. (2)
Cortinarius laniger group	Geastrum saccatum
Cortinarius lilacinus	Gliophorus laetus [Hygrocybe laeta]
Cortinarius mikedavisii	Gloeophyllum abietinum
Cortinarius cf. miniatopus	Gloeophyllum sepiarium
Cortinarius muscigenus	Gomphidius oregonensis
Cortinarius mutabilis	Gomphidius smithii
Cortinarius occidentalis	Gomphidius subroseus
Cortinarius olympianus	Gomphus clavatus (*)
Cortinarius pinguis	Guepinia helvelloides
Cortinarius purpurascens group (*)	Gymnopilus punctifolius
Cortinarius salor	Gymnopilus sapineus
Cortinarius smithii	Gymnopus confluens
Cortinarius stillatitius	Gymnopus dryophilus group
Cortinarius subfoetidus (*)	Gymnopus peronatus
Cortinarius thiersii	Hebeloma crustuliniforme group
Cortinarius traganus	Hemimycena delectabilis
Cortinarius vibratilis	Heterobasidion cf. occidentale [H. annosum group]
Cortinarius violaceus	Hydnellum aurantiacum
Craterellus neotubaeformis nom. prov.	

Hydnellum caeruleum	Lactarius fallax
Hydnellum peckii	Lactarius kauffmanii
Hydnellum regium	Lactarius pallescens (*)
Hydnellum scrobiculatum group	Lactarius pseudomucidus
Hydnum repandum	Lactarius repraesentaneus
Hydnum repandum var. album	Lactarius rubrilacteus (*)
Hydnum umbilicatum	Lactarius scrobiculatus
Hygrocybe miniata	Lactarius subflammeus
Hygrocybe parvula	Laetiporus conifericola
Hygrocybe singeri	Leccinum sp. "dark brown"
Hygrophoropsis aurantiaca	Leccinum vulpinum
Hygrophoropsis aurantiaca group	Lentaria byssiseda
Hygrophoropsis rufa	Lentaria cf. pinicola
Hygrophorus agathosmus	Lentinellus cf. flabelliformis [or occidentalis]
Hygrophorus bakerensis	Lentinellus cf. ursinus
Hygrophorus camarophyllus	Lepiota aspera
Hygrophorus capreolarius [H. erubescens] (*)	Lepiota clypeolaria
Hygrophorus chrysodon	Lepiota cristata
Hygrophorus eburneus	Lepiota rubrotinctoides
Hygrophorus graveolens ["Cuphophyllus"]	Leratiomyces ceres
Hygrophorus piceae group	Leratiomyces squamosus [Stropharia squamosa]
Hygrophorus pudorinus	Leucoagaricus leucothites
Hygrophorus purpurascens	Leucoagaricus section rubrotincti
Hymenochaete tabacina	Leucopaxillus albissimus (2)
Hypholoma capnoides	Leucopaxillus gentianeus
Hypholoma dispersum	Limacella glioderma
Hypholoma fasciculare	Limacella illinita (2)
Inocybe cf. albodisca	Lycoperdon molle
Inocybe assimilata group	Lycoperdon nigrescens
Inocybe calamistrata var. mucidiolens	Lycoperdon perlatum
Inocybe geophylla (*)	Lycoperdon pratense [Vascellum]
Inocybe grammata	Lycoperdon pyriforme
Inocybe hirsuta var. maxima	Lycoperdon umbrinum
Inocybe lanuginosa	Lyophyllum cf.
Inocybe lilacina	Lyophyllum connatum [Clitocybe connata] (2)
Inocybe olympiana	Lyophyllum decastes group
Inocybe pyrotricha [I. cincinnata group]	Marasmiellus candidus
Inocybe rimosa group	Melanoleuca acystis group
Inocybe sororia group	Melanoleuca melaleuca
Inocybe xanthomelas	Mycena adscendens [M. tenerrima]
Inocybe xanthomelas group	Mycena aurantiidisca
Irpex lacteus	Mycena capillaripes
Ischnoderma resinosum	Mycena epipterygia
Jahnoporus hirtus	Mycena fuscopurpureus
Laccaria amethysteo-occidentalis	Mycena galericulata
Laccaria bicolor	Mycena haematopus
Laccaria laccata group (2)	Mycena maculata
Laccaria pumila	Mycena oregonensis
Lactarius aestivus (2)	Mycena pelianthina
Lactarius cf. circellatus	Mycena pura

Mycena pura f. *alba*
Mycena strobilinoidea
Mycetinis scorodonius
Mythicomyces corneipes
Neoalbatrellus flettii
Neolentinus kauffmanii
Nidula candida
Nidula niveotomentosa
Nidularia deformis [*Nidularia farcta*]
Oligoporus guttulatus [*Postia*]
Oligoporus obductus (*)
Oxyporus cuneatus
Panaeolus acuminatus
Panellus stipticus
Peniophora aurantiaca
Peniophora erikssonii
Phaeocollybia cf. *ammirati*
Phaeocollybia cf. *kauffmanii*
Phaeolepiota aurea
Phaeolus schweinitzii
Phellodon tomentosus
Phlebia radiata (2)
Phlebia tremellosa [*Merulius tremellosus*]
Pholiota alnicola group (2)
Pholiota astragalina
Pholiota aurivella [*P. limonella*]
Pholiota decorata
Pholiota flammans
Pholiota spumosa group
Pholiota terrestris
Phylloporus cf. *arenicola* (*)
Pleurocybella porrigens
Pleurotus sp.
Pluteus sp. (*)
Pluteus section *Hispidoderma*
Pluteus unpublished species [*P. thomsonii* group]
(*)
Pluteus romellii
Pluteus tomentosulus
Polyozellus multiplex
Polyporoletus sublividus
Polyporus cf. *brumalis*
Polyporus melanopus
Polyporus tubaeformis group
Porodaedalea piceina
Postia caesia [*Tyromyces*] (*)
Postia fragilis [*Oligoporus*]
Postia perdelicata [*Oligoporus*]
Postia ptychogaster
Protostropharia semiglobata [*Stropharia*]
Psathyrella sp.
Psathyrella candolleana group
Psathyrella frustulenta
Psathyrella longistriata
Pseudoarmillariella ectypoides
Pseudoclitocybe cyathiformis
Pycnoporellus alboluteus
Pycnoporellus fulgens
Ramaria araiospora var. *araiospora*
Ramaria araiospora var. *rubella*
Ramaria argentea
Ramaria aurantiisiccescens
Ramaria celerivirescens
Ramaria cystidiophora var. *citronella*
Ramaria cystidiophora var. *cystidiophora*
Ramaria flavigelatinosa var. *carnisalmonea*
Ramaria gelatinosa var. *oregonensis*
Ramaria leptiformosa
Ramaria longispora
Ramaria rubella var. *rubella*
Ramaria rubribrunnescens
Ramaria stricta
Ramaria subviolacea
Ramaria testaceoflava
Rhodocollybia badiialba
Rhodocollybia butyracea f. *asema*
Rhodocollybia maculata group
Rhodocybe caelata
Rhodocybe nitellina
Rhodocybe cf. *nuciolens*
Rickenella fibula (*)
Russula adusta
Russula cf. *aeruginea*
Russula americana
Russula brevipes
Russula brevipes var. *acrior*
Russula brunneola
Russula cascadenis
Russula cessans group
Russula dissimulans
Russula elaeodes
Russula fragilis
Russula fragilis group
Russula fragrantissima
Russula heterophylla group (*)
Russula laricina group
Russula laurocerasi group
Russula murrilli group
Russula nigricans
Russula occidentalis

Russula ochroleuca
Russula puellaris (*)
Russula queletii
Russula raoultii
Russula silvicola
Russula sphagnophila
Russula cf. xerampelina
Sarcodon fuscoindicus
Sarcodon imbricatus group
Schizophyllum commune
Serpula himantioides
Sparassis radicata
Stereum sp.
Stereum complicatum [S. hirsutum var. complicatum]
Stereum hirsutum
Stereum subtomentosum
Strobilurus albopilatus
Stropharia aeruginosa group
Stropharia albonitens
Stropharia ambigua
Stropharia hornemannii
Stropharia cf. semigloboides
Suillus sp.
Suillus caerulescens (2)
Suillus grevillei
Suillus lakei
Suillus luteus
Suillus ponderosus
Suillus punctatipes
Suillus subalpinus sensu C.L. Cripps
Tephrocybe tylicolor
Tetrapyrgos subdendrophora
Thelephora caryophyllea
Trametes gibbosa
Trametes versicolor
Tremella cf. aurantia (*)
Tremella mesenterica
Trichaptum abietinum
Tricholoma atroviolaceum (*)
Tricholoma cheilolaminum [T. davisiae]
Tricholoma equestre
Tricholoma focale
Tricholoma fulvum [T. flavobrunneum]
Tricholoma imbricatum
Tricholoma cf. murrillianum [magnivelare group]
Tricholoma nigrum
Tricholoma pessundatum group
Tricholoma portentosum
Tricholoma saponaceum

Tricholoma sejunctum
Tricholoma vaccinum
Tricholoma virgatum
Tricholomopsis decora
Tricholomopsis rutilans group
Truncocolumella citrina
Turbinellus floccosus [Gomphus]
Turbinellus kauffmanii [Gomphus]
Tyromyces chioneus
Xerocomellus chrysenteron
Xerocomellus chrysenteron group
Xerocomellus rainierensis
Xeromphalina campanella

Zygomycota

Spinellus fusiger

Kingdom Protozoa

Myxomycota

Arcyria denudata