

Voucher Report for the 2012 North American Mycological Association Foray

Scotts Valley, California
December 12–16, 2012

The NAMA Larry Stickney Memorial Foray was held at Mission Springs Conference Center, Scotts Valley, Santa Cruz County, California, and hosted by NAMA. Dr. Else C. Vellinga served as Chief Mycologist. Previous NAMA forays in California were 1978 at Gualala, Mendocino County, and 1998 at Asilomar, Monterey County. The 2012 collecting areas included Big Basin Redwoods State Park, The Forest of Nisene Marks State Park, Henry Cowell Redwoods State Park, Quail Hollow Ranch County Park, Wilder Ranch State Park, and the campus of the University of California Santa Cruz. The grounds of the Mission Springs Conference Center also provided good collecting.

Many thanks go to Adele Mehta, recorder, and the NAMA-sponsored voucher assistants: Thea L. Chesney, Melina V. Kozanitas, and Jen Tobener (University of California, Berkeley), and Brian Manske (University of Wisconsin, LaCrosse). Also much thanks to the hard work of foray hosts Noah Siegel and Christian Schwarz, and all of the volunteers who gave of their time. We thank the board and trustees of NAMA for their continued support of the voucher program. NAMA specimens are accessioned into the permanent herbarium collection at the Field Museum of Natural History. Some specimens are in the care of other institutions.

This species list has 351 taxa (genus, species, varieties), comprising 22 ascomycetes (1 lichen), 327 basidiomycetes, 1 rare zygomycete, and 1 myxomycete. The most diverse genera were *Cortinarius* (21), *Russula* (17), *Amanita* (15), and *Mycena* (14). Identifications were made by 30 persons including Christian F. Schwarz, Else C. Vellinga, Nhu Nguyen, Joshua M. Birkebak, Michael W. Beug, Darwin DeShazer, Thea L. Chesney, Erin Page Blanchard, Melina V. Kozanitas, Tuula Niskanen, Thomas J. Volk, Noah Siegel, Renée Lebeuf, Debbie L. Viess, Patrick R. Leacock, Douglas A. Smith, Steve A. Trudell, Richard W. Kerrigan, and 12 others. There are 377 voucher collections preserved from the foray. Additional lichens were collected and will be listed in a future report. Taxa with more than one voucher specimen are indicated (2). Four listed records do not have specimens (*). Sixteen *Cortinarius* collections were split with Tuula Niskanen, Helsinki, Finland {H}.

This species list with images and collection data will be posted on [Mushroom Observer](#). Additional information about the NAMA Voucher Collection project can be found on the [NAMA website](#).

*Submitted by Patrick R. Leacock, NAMA
Voucher Collection Project,
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Kingdom Fungi
Ascomycota

Aleuria aurantia
Annulohyphoxylon thouarsianum
Biscogniauxia sp.
Bisporella citrina
Bisporella cf. sulfurina
Bulgaria inquinans
Cheilymenia fimicola
Chromelosporium sp.
Helvella dryophila
Hypomyces sp. [on Lactarius deliciosus group]
Hypomyces cervinigenus
Hypomyces chrysospermus (2)
Otidea smithii
Peziza bovina [on cow dung] (*)
Peziza repanda
Peziza violacea
Sarcosoma mexicana
Scutellinia scutellata
Sowerbyella rhenana
Stictis radiata [Lichen]
Trichoderma sp.
Xylaria hypoxylon (2)

Basidiomycota

Agaricus buckmacodooi Kerrigan nom. prov. [section Xanthodermatei]
Agaricus californicus
Agaricus hondensis
Agaricus cf. silvicola
Agaricus subrutilescens
Agaricus vinaceovirens
Agrocybe sp.
Alboleptonia sericella [Entoloma sericellum]
Amanita sp.
Amanita baccata group
Amanita calyptroderma [Amanita calyptrata] (2)
Amanita constricta
Amanita constricta (albino)
Amanita franchetii
Amanita gemmata group (2)
Amanita magniverrucata
Amanita muscaria
Amanita muscaria subsp. flavivolvata
Amanita pachycolea
Amanita phalloides

Amanita porphyria
Amanita smithiana
Amanita vaginata group
Amanita velosa
Armillaria solidipes
Astraeus hygrometricus (2)
Aureoboletus flaviporus [Boletus] (2)
Auriscalpium vulgare
Baeospora myriadophylla
Bjerkandera adusta
Bolbitius reticulatus (2)
Bolbitius titubans [B. vitellinus] (2)
Boletus amygdalinus
Boletus marekii [Xerocomellus]
Byssomerulius corium [Meruliopsis] (2)
Callistosporium luteo-olivaceum
Calocera cornea
Cantharellus californicus
Caulorhiza umbonata
Chalciporus piperatus
Chlorophyllum brunneum [Lepiota brunnea]
Chlorophyllum olivieri
Chroogomphus pseudovinicolor
Clavaria aff. fragilis
Clavariadelphus occidentalis
Clitocybe sp.
Clitocybe deceptiva
Clitocybe flaccida
Clitocybe inversa
Clitocybe nebularis
Clitocybe nuda [Lepista]
Clitocybe subconnexa
Clitocybe tarda [Lepista tarda]
Clitocybe trulliformis
Clitopilus prunulus
Collybia cirrhata
Collybia cookei
Coniophora olivacea
Coprinellus disseminatus
Coprinellus micaceus
Coprinopsis sp. (*)
Coprinopsis atramentaria
Coprinopsis lagopus group
Coprinopsis lagopus
Coprinopsis nivea
Coprinus comatus
Cortinarius section anomali {H}
Cortinarius cf. section Caerulescentes group {H}
Cortinarius cf. section Fulvi {H}
Cortinarius section Fulvi

Cortinarius subgenus Phlegmacium {H}
Cortinarius alboviolaceus {H}
Cortinarius angelesianus
Cortinarius aff. appennini [C. glaucopus group] {H}
Cortinarius californicus
Cortinarius collinitus
Cortinarius aff. comptulus {H}
Cortinarius croceus group [Dermocybe] {H}
Cortinarius infractus group {H}
Cortinarius cf. infractus var. obscurocyaneus [C. infractus sensu Bojantchev] {H}
Cortinarius cf. mcdavisi nom. prov. {H}
Cortinarius mucosus
Cortinarius ponderosus
Cortinarius regalis (*) {H}
Cortinarius cf. regalis {H}
Cortinarius rubicundulus
Cortinarius solis-occasus {H}
Cortinarius trivialis {H}
Cortinarius viridirubescens {H}
Craterellus cornucopioides
Crepidotus calolepis
Crepidotus mollis group
Cryptoporus volvatus
Cuphophyllus russocoriaceus [Hygrocybe russocoriacea]
Cystoderma fallax [C. carcharias var. fallax] (2)
Dacrymyces palmatus
Deconica inquilina [Psilocybe]
Dendrocollybia racemosa (2)
Entoloma sp. [Nolanea]
Entoloma bloxamiim (2)
Entoloma formosum [Leptonia formosa]
Exidia nigricans [formerly part of E. glandulosa]
Fistulina hepatica
Flammulaster muricatus
Flammulina velutipes group
Fomitopsis cajanderi
Fomitopsis pinicola
Fuscoporia ferruginosa [Phellinus ferruginosus]
Fuscoporia gilva [Phellinus gilvus]
Galerina badipes
Galerina clavata
Galerina marginata
Ganoderma australe [G. annulare]
Ganoderma oregonense
Geastrum saccatum
Gliophorus psittacinus [Hygrocybe psittacina]
Gomphidius oregonensis
Gomphidius subroseus
Gymnopilus luteofolius
Gymnopilus sapineus

Gymnopilus spectabilis
Gymnopus brassicolens
Gymnopus dryophilus
Gymnopus quercophilus [Marasmius]
Gymnopus villosipes
Hebeloma crustuliniforme
Hebeloma mesophaeum
Hebeloma aff. sinapizans
Hebeloma theobrominum group
Hemimycena tortuosa
Hericium coralloides
Hericium erinaceus
Hjortstamia crassa [Porostereum crassum]
Hohenbuehelia petaloides
Hydnellum aurantiacum
Hydnellum peckii
Hydnellum regium
Hygrocybe sp. [Cuphophyllus; Camarophyllus]
Hygrocybe acutoconica
Hygrocybe fenestrae nom. prov.
Hygrocybe miniata
Hygrocybe singeri
Hygrocybe virescens
Hygrophoropsis aurantiaca
Hygrophoropsis rufa
Hygrophorus agathosmus
Hygrophorus cf. eburneus
Hygrophorus gliocyclus
Hygrophorus hypothejus group [western sp.] (2)
Hygrophorus russula (*)
Hygrophorus sordidus
Hypholoma capnoides (2)
Hypholoma fasciculare
Inocephalus cystomarginatus
Inocybe cf. albodisca
Inocybe albodisca
Inocybe cf. cinnamomea
Inocybe fraudens
Inocybe grammata
Inocybe lilacina [I. geophylla var. lilacina] (2)
Inocybe muricellata
Inocybe pudica
Inocybe pusio group
Inocybe sororia group
Jahnoporus hirtus
Laccaria amethysteo-occidentalis
Laccaria bicolor
Laccaria laccata
Lacrymaria lacrymabunda
Lactarius alnicola

Lactarius argillaceifolius var. megacarpus
Lactarius californiensis
Lactarius deliciosus group
Lactarius aff. luculentus
Lactarius pubescens var. betulae
Lactarius rubidus [L. fragilis var. rubidus]
Lactarius rubrilacteus
Lactarius xanthogalactus
Laetiporus gilbertsonii
Leccinum manzanitae
Lentaria byssiseda
Lentinellus flabelliformis
Lepiota atrodisca (2)
Lepiota castanea group
Lepiota castaneidisca (2)
Lepiota cf. felina
Lepiota fuliginescens
Lepiota magnispora
Lepiota neophana
Lepiota rubrotinctoides
Lepiota spheniscispora
Lepiota cf. subincarnata
Leptonia [Entoloma]
Leptonia carnea
Leptonia pseudocarnea nom. prov.
Leratiomyces ceres (2)
Leucoagaricus cupresseus
Leucoagaricus leucothites
Leucopaxillus albissimus
Leucopaxillus cf. gentianeus
Lycoperdon perlatum
Lycoperdon umbrinum
Lyophyllum decastes group
Lyophyllum cf. loricatum
Macrotyphula juncea
Marasmiellus candidus
Marasmius calhouniae
Marasmius plicatulus
Melanoleuca cf. subpulverulenta
Mycena acicula
Mycena alcalina group (2)
Mycena aurantiomarginata
Mycena capillaripes
Mycena citrinomarginata
Mycena epipterygia
Mycena galericulata
Mycena galopus
Mycena haematopus
Mycena maculata
Mycena oregonensis

Mycena pura group [Prunulus] (2)
Mycena purpureofusca
Mycena rorida
Nidula niveotomentosa
Oligoporus sp.
Omphalotus olivascens
Onnia tomentosa [Inonotus tomentosus]
Panaeolus sp.
Panaeolus sphinctrinus, campanulatus group
Panus conchatus
Paxillus involutus group [aff. P. obscurisporus]
Phaeoclavulina abietina [Ramaria]
Phaeoclavulina curta [Ramaria]
Phaeolus schweinitzii
Phlebia acerina
Phlebia tremellosa
Phloeomana speirea [Mycena]
Pholiota highlandensis
Pholiota terrestris
Pholiota velaglutinosa
Pholiotina filaris [Conocybe]
Phylloporus cf. arenicola
Phyllotopsis nidulans
Pleurotus dryinus
Pleurotus ostreatus
Pluteus atromarginatus
Pluteus cervinus group (*)
Pluteus romellii
Porodaedalea pini [Phellinus]
Postia caesia [Oligoporus caesius]
Postia fragilis [Oligoporus fragilis]
Postia leucomallella [Oligoporus leucomallellus]
Psathyrella candolleana
Psathyrella longipes
Psathyrella longistriata
Psathyrella marcescibilis var. virginea
Psathyrella piluliformis
Psathyrella uliginicola
Pseudobaeospora deckeri
Pseudoclitocybe cyathiformis
Pseudohydnum gelatinosum
Pseudomerulius curtisii
Psilocybe cyanescens
Ramaria apiculata
Ramaria cf. botrytis
Ramaria botrytis group
Ramaria concolor f. concolor
Ramaria formosa
Ramaria violaceibrunnea
Ramariopsis kunzei

Resupinatus applicatus
Rhizopogon occidentalis
Rhodocollybia badiialba
Rhodocollybia butyracea
Rhodocybe nitellina
Russula albonigra
Russula amoenolens
Russula aff. basifurcata
Russula brevipes
Russula cascadenis
Russula cerolens
Russula cremoricolor
Russula cyanoxantha
Russula densifolia group
Russula fragrantissima
Russula olivacea group
Russula pectinata
Russula pelargonia
Russula sanguinea
Russula silvicola
Russula variata
Russula xerampelina
Russula xerampelina group
Sarcodon imbricatus group
Simocybe centunculus
Sparassis crispa [S. radicata]
Sphaerobolus stellatus
Stereum sp.
Stereum ochraceoflavum
Strobilurus trullisatus
Stropharia ambigua
Stropharia coronilla
Stropharia dorsipora
Stropharia semiglobata [Protostropharia]
Suillus caerulescens
Suillus fuscotomentosus
Suillus lakei
Suillus ponderosus
Suillus pseudobrevipes
Suillus pungens
Trametes betulina [Lenzites]
Trametes versicolor
Tremella aurantia (2)
Tremella foliacea
Tricholoma cf. arvernense
Tricholoma dryophilum
Tricholoma equestre [T. flavovirens]
Tricholoma fracticum
Tricholoma magnivelare
Tricholoma manzanitae

Tricholoma pardinum
Tricholoma saponaceum (2)
Tricholoma cf. subresplendens
Tricholomopsis rutilans
Tubaria furfuracea
Volvopluteus gloiocephalus
Xerocomellus chrysenteron [Xerocomus]
Xerocomellus truncatus [Xerocomus]
Xerocomellus zelleri [Xerocomus]
Xerocomus dryophilus
Xerocomus subtomentosus [Boletus]
Xeromphalina campanella (2)
Xeromphalina caulicinalis [X. caudicinalis]
Zelleromyces sp.

Zygomycota

Dichranophora fulva [rare Mucorales on Suillus fuscotomentosus]

Kingdom Protozoa

Myxomycota

Leocarpus fragilis