

# 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