

Voucher Report for the 2016 North American Mycological Association Foray

Shenandoah Foray
Front Royal, Virginia
September 8-11, 2016

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Summary

The 2016 annual foray was held September 8 - 11, 2016, at the Northern Virginia 4-H Educational Center, Front Royal, Virginia. The Mycological Association of Washington DC and the New River Valley Mushroom Club hosted the foray. Chief Mycologist was Walt Sturgeon. Collecting areas included many areas of Shenandoah National Park, as well as G R Thompson State Wildlife Management Area, George Washington National Forest, and the Appalachian Trail. This was the first NAMA annual foray in Virginia.

Many thanks go to Adele Mehta, foray recorder, and the NAMA-sponsored voucher assistants: Nicolette Albright and Dillon Husbands from Purdue University, West Lafayette, Indiana (Dr. Aime); Emma Harrower and Rachel Swenie from University of Tennessee, Knoxville (Dr. Matheny); and Bruch Reed, New York Mycological Society. Special thanks to Arlene R. Bessette for recording species found in Shenandoah National Park. Big thanks to the foray team and all the volunteers who ran the collecting trips, specimen sorting, and display room. 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).

Molecular work is underway for many of the foray vouchers to generate DNA sequences.

Stephen Russell led the work of obtaining tissue samples during the foray from most of the vouchers. The DNA sequencing is carried out by Rytas Vilgalys and his students, Duke University. John R. Plischke III took microscope photos of most vouchers.

This species list has 344 taxa (genus, species, and varieties), comprising 61 ascomycetes (17 lichens), 279 basidiomycetes, 1 zygomycete, and 3 myxomycetes. The most diverse genera were *Lactarius* and *Lactifluus* (22), *Russula* (20), and *Amanita* (17+). Identifications were made by 25 persons including Alan E. Bessette, Walter E. Sturgeon, Arlene R. Bessette, Patrick R. Leacock, Gary H. Lincoff, Dorothy C. Smullen (lichens), Brian P. Looney, N. Jay Justice, David H. Wasilewski, Debbie L. Viess, and 15 others. There are 340 voucher collections preserved from the foray. Taxa with more than one voucher specimen are indicated "(2)". Forty-six listed names do not have voucher specimens, marked with asterisk; some were not worth preserving and some names were added after foray.

These species vouchers with images will be posted on Mushroom Observer:
http://mushroomobserver.org/observer/show_user/3534
Additional information about the NAMA Voucher Collection project can be found on the NAMA website:
http://www.namyco.org/voucher_collection_project.php

Kingdom Fungi

Ascomycota

Akanthomyces aculeatus [on moth] (2)
Apiosporina morbosa
Arthonia caesia
Bisporella citrina
Camarops petersii
Chlorociboria aeruginascens [Chlorosplenium]
Chlorosplenium chlora
Chromelosporium sp.
Cladonia coniocraea
Cladonia furcata (2)
Cladonia macilenta
Cladonia pleurota
Cordyceps militaris (2)
Daldinia childiae
Diatrype stigma
Flavoparmelia baltimorensis
Flavoparmelia caperata
Galiella rufa
Hymenoscyphus fructigenus
Hypocrea sp.
Hypomyces sp. [on boletes] (3)
Hypomyces chrysospermus
Hypomyces hyalinus
Hypomyces lactifluorum
Hypoxyton fragiforme
Hypoxyton fuscum
Hypoxyton rubiginosum
Isaria farinosa
Lasallia papulosa
Lecanora nothocaesiella
Leotia lubrica
Leotia viscosa
Lophodermium pinastri
Microglossum rufum
Mollisia sp. *
Myelochroa aurulenta
Nectria sp.
Orbilbia sp. *
Parmelia sulcata
Peltigera evansiana
Phaeocalicium polyporaenum *
Pleurocolla compressa [Leucogloea]
Punctelia rudecta
Rhytisma sp.
Rosellinia sp.
Rosellinia subiculata *
Sarcoscypha occidentalis
Scutellinia sp.
Scutellinia cf. scutellata

Stereocaulon saxatile
Tapesia fusca *
Tatraea macrospora
Trichoderma harzianum
Trichoglossum sp. *
Umbilicaria mammulata
Xanthoparmelia plittii
Xylaria liquidambaris *
Xylaria longipes
Xylaria polymorpha
Xylaria tentaculata
unknown sp.

Basidiomycota

Agrocybe firma
Albatrellus cristatus
Amanita section Amidella
Amanita section Vaginatae (7)
Amanita sp-S01
Amanita bisporigera (2)
Amanita brunnescens
Amanita cf. ceciliae
Amanita cinereoconia
Amanita farinosa
Amanita flavoconia
Amanita fulva group (4) [also A. amerifulva]
Amanita lavendula (2)
Amanita longipes
Amanita muscaria
Amanita peckiana (2)
Amanita sinicoflava
Amanita subcokeri
Amanita whetstoneae (2)
Antrodia favescens
Armillaria mellea
Armillaria tabescens
Arrhenia epichysium [Omphalina]
Artomyces pyxidatus
Astraeus morganii
Aureoboletus auriporus
Aureoboletus innixus
Auricularia angiospermarum
Austroboletus gracilis *
Bjerkandera adusta
Bolbitius titubans
Boletinellus merulioides
Boletus longicurvipes
Boletus pallidoroseus
Boletus subvelutipes
Byssomerulius incarnatus

Callistosporium purpureomarginatum
 Calocera cornea
 Calostoma cinnabarinum
 Cantharellus sp.
 Cantharellus altipes
 Cantharellus cinnabarinus
 Cantharellus lateritius
 Climacodon septentrionalis
 Clitocybe adirondackensis [Singerocybe] *
 Clitocybe gibba *
 Clitocybe odora
 Coleosporium asterum [C. solidaginis]
 Coltricia montagnei
 Connopus acervatus *
 Coprinellus radians
 Corticium roseum *
 Cortinarius bolaris
 Cortinarius sect. phlegmacioides (2)
 Craterellus fallax
 Craterellus ignicolor
 Craterellus tubaeformis
 Crucibulum laeve
 Cyanoboletus pulverulentus [Boletus] (2)
 Cypotrama asprata *
 Dacrymyces chrysospermus [D. palmatus]
 Dacryopinax spathularia
 Daedalea quercina (2)
 Daedaleopsis confragosa
 Daedaleopsis septentrionalis
 Dendrothele nivosa
 Ductifera pululahuana
 Entoloma abortivum (2)
 Entoloma murrayi
 Entoloma cf. strictius
 Entoloma strictius var. isabellinum
 Fibrodontia gossypina [Hyphodontia]
 Fistulina hepatica
 Fomes fomentarius
 Fomitopsis spraguei
 Fulvifomes robiniae [Phellinus]
 Fuscoporia gilva [Phellinus]
 Ganoderma applanatum *
 Ganoderma curtisii
 Geastrum saccatum
 Gerronema strombodes
 Gloeoporus dichrous
 Gomphus clavatus
 Gymnopilus luteus
 Gymnopus confluens
 Gymnopus dichrous *
 Gymnopus dryophilus
 Gymnopus subnudus
 Gymnosporangium cf. juniperi-virginianae
 Gyroporus castaneus *
 Hapalopilus nidulans [H. rutilans]
 Haplotrichum cf. sp.
 Hohenbuehelia mastrucata
 Hohenbuehelia petaloides
 Hydnellum sp.
 Hydnellum spongiosipes
 Hydnochaete olivacea
 Hygrocybe sp.
 Hygrocybe caespitosa
 Hygrocybe flavescens (2)
 Hygrocybe miniata
 Hygrocybe nitida
 Hygrophoropsis aurantiaca *
 Hymenochaete rubiginosa
 Hymenochaete tabacina [Hymenochaetopsis]
 Hymenopellis sp. (2)
 Hymenopellis furfuracea
 Hymenopellis rubrobrunnescens
 Hyphodontia sambuci *
 Hypholoma fasciculare
 Hypholoma subviride
 Inocybe sp. (3)
 Inocybe cf. rimosa
 Inonotus obliquus
 Irpex lacteus
 Ischnoderma resinosum
 Laccaria sp.
 Laccaria ochropurpurea
 Lactarius camphoratus *
 Lactarius chelidonium
 Lactarius chrysorrheus *
 Lactarius croceus (2)
 Lactarius griseus
 Lactarius lignyotus
 Lactarius luteolus
 Lactarius peckii
 Lactarius pubescens
 Lactarius pyrogalus
 Lactarius quietus var. incanus *
 Lactarius cf. speciosus *
 Lactarius subpalustris
 Lactarius subpurpureus
 Lactarius subvellerereus var. subdistans *
 Lactarius subvernalis
 Lactarius theiogalus *
 Lactarius uvidus
 Lactifluus corrugis [Lactarius]
 Lactifluus glaucescens [Lactarius] (3)
 Lactifluus hygrophoroides [Lactarius] *
 Lactifluus volemus [Lactarius]
 Laetiporus cincinnatus
 Laetiporus sulphureus

Leccinellum albellum
Leccinum scabrum (2)
Lentinellus cochleatus
Lentinellus micheneri
Lentinellus ursinus
Lentinus levis [Pleurotus]
Lentinus suavissimus (2)
Lepiota aspera
Loweomyces fractipes [Abortiporus]
Lycoperdon perlatum
Marasmius capillaris *
Marasmius nigrodiscus
Marasmius siccus
Marasmius strictipes
Marasmius sullivantii *
Megacollybia rodmani
Melanoleuca alboflavida (2)
Melanoleuca cf. melaleuca
Meripilus sumstinei
Mutinus elegans
Mycena sect. fragilipedes
Mycena acicula
Mycena crocea [M. luteopallens]
Mycena haematopus
Mycena inclinata
Mycena leaiana
Mycena niveipes
Mycena subcaerulea *
Mycetinis scorodoni
Mycorrhaphium adustum
Nigroporus vinosus
Omphalotus illudens
Onnia tomentosa [Inonotus]
Oxyporus populinus
Panellus stipticus
Peniophora albobadia
Peniophora cinerea
Phallus cf. impudicus
Phanerochaete chrysorhiza
Phleogenia cf. faginea
Pholiota granulosa
Pholiota squarrosoides
Phylloporus rhodoxanthus
Pleurotus dryinus
Pleurotus pulmonarius
Pluteus sp. [P. cervinus group]
Pluteus admirabilis
Pluteus americanus
Pluteus cervinus
Pluteus longistriatus *
Pluteus pellitus
Pluteus salicinus
Polyporus alveolaris [Neofavolus] *

Polyporus badius [Picipes]
Polyporus leptocephalus [Cerioporus]
Polyporus squamosus [Cerioporus]
Porodisculus pendulus
Postia fragilis [Oligoporus, Tyromyces]
Psathyrella delineata
Pseudoboletus parasiticus
Pseudocraterellus subundulatus
Pseudoinonotus dryadeus [Inonotus]
Pucciniastrum agrimoniae
Pycnoporellus alboluteus
Ramaria formosa
Ramaria stricta
Ramariopsis kunzei
Resupinatus applicatus *
Retiboletus ornatipes *
Rhizomarasmius pyrrhocephalus *
Rhodocollybia maculata
Rickenella fibula *
Russula amoenolens
Russula aquosa
Russula ballouii
Russula barlae
Russula brevipes var. acrior
Russula brunneola *
Russula corallina
Russula crustosa
Russula earlei
Russula eccentrica
Russula foetentula
Russula font-queri
Russula fragrantissima
Russula mariae
Russula parvovirescens
Russula rubriceps *
Russula subpunctata
Russula variata
Russula vinacea
Russula xantho
Sarcodon sp.
Sarcodontia setosa (3)
Schizophyllum commune
Scleroderma areolatum *
Scleroderma citrinum
Sebacina incrustans
Sebacina pallida [Tremellodendron]
Spongipellis pachyodon
Steccherinum sp. (3)
Steccherinum ochraceum
Stereum complicatum
Stereum gausapatum
Stereum hirsutum [S. rameale]
Stereum ostrea

Stereum striatum
Strobilomyces confusus
Suillus americanus
Suillus spraguei (3)
Tapinella atrotomentosa (3)
Terana coerulea [T. caerulea]
Tetrapyrgos nigripes *
Thelephora sp. (2)
Thelephora vialis
Trametes betulina
Trametes cinnabarina [Pycnoporus]
Trametes conchifer [Poronidulus]
Trametes gibbosa (2)
Trametes hirsuta *
Trametes suaveolens *
Trametes versicolor
Tremella mesenterica *
Trichaptum bifforme
Tricholoma aestuans
Tricholomopsis rutilans
Truncospora ohiensis
Tylopilus felleus

Tylopilus rubrobrunneus
Tyromyces chioneus
Xanthoconium affine *
Xanthoconium affine var. maculosus *
Xenasmatella vaga [Phlebiella] *
Xerocomellus chrysenteron
Xeromphalina sp.
Xeromphalina kauffmanii
Xylobolus frustulatus

Zygomycota

Massospora [on cicada]

Kingdom Protozoa

Myxomycota

Ceratiomyxa fruticulosa *
Fuligo septica
Metatrachia vesparium *