

**PROCEEDINGS  
OF THE  
THIRD SYMPOSIUM  
ON THE  
BOTANY OF THE BAHAMAS**

**Edited by  
Robert R. Smith**

**Conference Organizer  
Donald T. Gerace**

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# ADDITIONS TO THE FUNGAL FLORA OF THE BAHAMAS

Michael A. Vincent  
Willard Sherman Turrell Herbarium  
Department of Botany  
Miami University  
Oxford, Ohio 45056

## ABSTRACT

Field work on Andros Island, Bahamas, in June 1988 resulted in about 200 collections of fungi, of which several are taxa previously unknown to science, and of which a large number of taxa are additions to the known fungal flora of the Bahamas. A list of fungi collected on Andros is provided.

## INTRODUCTION

Little field work has been done in mycology in recent years in the Bahamian archipelago. Hill (1976) reported three species of fungi as new to the Bahamas, but the most recent report of fungi in the Bahamas prior to that was that of Seaver in Britton and Millspaugh (1920), in which 160 taxa were reported. Northrop (1902) reported five species, and Hitchcock (1898) reported 34 species. Approximately 20 additional reports exist in which one or two fungal taxa are mentioned, bringing the total previously reported known species in the Bahamian mycoflora to nearly 230.

Among the new collections from Andros Island, 80 are new reports for the Bahamas, bringing the number of fungal species known from the islands to about 310. Taxa new to science will be published elsewhere. Voucher specimens for the collections are deposited in the Willard Sherman Turrell Herbarium (MU).

## TABLE 1. FUNGI COLLECTED ON ANDROS ISLAND.

### Myxomycetes

*Arcyria nutans* (Bull.) Greville

Vincent 2829, on decaying log, Maidenhair Coppice

*Hemitrichia serpulata* (Scop.) Rost.

Vincent 2792, on decaying log, high coppice

*Stemonitis fusca* Roth

Vincent 2791, on decaying log, high coppice

*Stemonitis splendens* Rost

Vincent 2811, on bark, *Casuarina* log, Forfar Field Station

### Ascomycetes

*Anthostomella* sp.

Vincent 2781, on dead *Pithecellobium* wood, Pigeon Cay

*Biscogniauxia* sp.

Vincent 2840, on dead wood, Maidenhair Coppice

*Coronophora* sp.

Vincent 2784, on *Casuarina* log, Forfar Field Station

*Hypoxylon investiens* (Schw.) Curt.

Vincent 2735, on dead wood, high coppice, Stafford Creek

Vincent 2817, on decayed wood, Forfar Field Station

*Hypoxylon mediterraneum* (de Not.) Miller

Vincent 2733, on decaying wood, high coppice, Stafford Creek

*Penzigia* sp.

Vincent 2837, on roots in banana hole, Maidenhair Coppice

*Phylacia bomba* (Mont.) Pat. apud Duss.

Vincent 2796, on dead *Exothea paniculata*, high coppice

Vincent 2816, on decayed wood, Forfar Field Station

*Sordaria macrospora* Auerswald

Vincent 2693a, on dog dung, Forfar Field Station

*Tabebuia* sp.

Vincent 2793, on dead tree, high coppice

*Xylaria longiana* Rehm

Vincent 2674, on rotting stump, Forfar Field Station

Vincent 2688, dead stump, near Forfar Field Station

Vincent 2778, at base of dead tree, Forfar Field Station

#### Basidiomycetes

*Antrodiella versicutis* (Berk. & Curt.) Gil. & Ryv.

Vincent 2834, on dead wood, Maidenhair Coppice

*Collybia trinitatis* Dennis

Vincent 2801, on decaying fruit, *Clusia rosea*, Atala Coppice

*Coltriciella oblectabilis* (Lloyd) Kobl. et al.

Vincent 2747, at base of termite mound, Stafford Creek

*Coprinus* sp.

Vincent 2743, refuse pile, Forfar Field Station

*Corioloopsis rigida* (Berk. & Mont.) Murrill

Vincent 2858, on dead wood, near Nicholl's Town

*Cyathus canna* Lloyd

Vincent 2668, on rotten twig, Forfar Field Station

*Datronia stereoides* (Fr.) Ryv.

Vincent 2841, on dead wood, Maidenhair Coppice

*Entoloma* sp.

Vincent 2831, on litter, Maidenhair Coppice

*Eocronartium muscicola* (Fr.) Fitz.

Vincent 2769, on moss on cement, Mastic Point Road

*Ganoderma lucida* complex

Vincent 2729, at base of dead *Acacia*, Stafford Creek

*Gymnopilus hispidus* (Mass.) Murr.

Vincent 2823, on base of burned *Thrinax morrisii*, near Forfar Field Station

*Hemimycena* sp.

Vincent 2788, on litter, high coppice

*Hexagonia hydroides* (Fr.) Fidalgo

Vincent 2666, Vincent 2809, on dead *Casuarina*, Forfar Field Station

*Irpex* sp.

Vincent 2725, decaying stump, Stafford Creek  
Vincent 2756, decaying wood, Forfar Field Station

*Lactocollybia angiospermarum* Singer

Vincent 2789, on litter, high coppice

*Lenzites saepiaria* Fr.

Vincent 2667, on dead wood (burned), Forfar Field Station

*Lepiota birnbaumii* (Corda) Singer

Vincent 2825, on decaying wood, Forfar Field Station

*Lopharia* sp.

Vincent 2707, on decaying twigs on ground, Forfar Field Station

*Marasmiellus defibulatis* Singer

Vincent 2787, on litter, high coppice

*Nothopanus hygrophanus* (Mont.) Singer ex Pegler

Vincent 2826, on decaying log, Forfar Field Station

*Panus badius* (Berk.) Singer

Vincent 2732, 2832, on dead wood, common

*Panus crinitus* (L. ex Fr.) Singer

Vincent 2665, 2676, 2846, 2855, 2856, common

*Pleurotus albellus* (Pat.) Pegler

Vincent 2717, on dead *Acacia*, near Forfar Field Station

*Physalacria clusiae* Sydow

Vincent 2806, on *Clusea rosea* leaf, Atala Coppice

*Psathyrella* sp.

Vincent 2697, in sand along road, Forfar Field Station

- Vincent 2709, on decaying wood, Forfar Field Station
- Pycnoporus sanguineus* (Fr.) Murr.  
Vincent 2675, on rotting stump, Forfar Field Station  
Vincent 2699, on decaying log, Staniard Creek
- Schizophyllum commune* Fr.  
Vincent 2722, 2727, 2771, 2785, 2830 2843, common
- Trichaptum sector* (Fr.) Kreisel  
Vincent 2723, on dead wood, near Forfar Field Station
- Fungi Imperfecti
- Acremonium furcatum* F.& R. Moreau ex W. Gams  
Vincent 2818b-1, isolated ex *Bursera simaruba* stems, Forfar Field Station
- Alternaria* sp.  
Vincent 2848a, on *Passiflora cupraea*, Morgan's Bluff
- Arthrotrys arthrotrypoides* (Berlese) Lindau  
Vincent 2752a, on dead wood, Forfar Field Station
- Aspergillus flavus* Link  
Vincent 2664e, isolated ex dead wood, Forfar Field Station  
Vincent 2780c, isolated ex dead *Hemerocallis arenicola* leaves, Forfar Field Station
- Aspergillus foetidus* Thom & Raper  
Vincent 2781a, isolated ex dead *Pithecellobium* wood, Pigeon Cay
- Cladosporium chlorocephalum* (Fresen.) Mason & M.B. Ellis  
Vincent 2750d, isolated ex leaves of *Ilex*, high coppice
- Cladosporium cladosporioides* (Fresen.) de Vries  
Vincent 2704b, etc., common and widespread
- Cladosporium tenuissimum* Cooke  
Vincent 2735b, isolated ex dead wood, Stafford Creek  
Vincent 2838c, isolated ex *Coccoloba uvifera* leaves, Maidenhair Coppice
- Curvularia lunata* (Wakker) Boedijn  
Vincent 2693c, isolated ex dog dung, Forfar Field Station
- Curvularia verruculosa* Tandon & Bilgrami ex M.B. Ellis  
Vincent 2744b, isolated ex decaying *Cephalocereus swartzii* flower, Stafford Creek
- Dendryphiella vinosa* (Berk. & Curt.) Reisinger  
Vincent 2818a, on decaying *Bursera simaruba* stems, Forfar Field Station
- Drechslera halodes* (Drechsler) Subraman. & Jain  
Vincent 2669a, isolated ex dead *Casuarina* roots, Forfar Field Station
- Drechslera* state of *Cochliobolus sativus* (Ito & Kurib.) Drechsler ex Dastur;  
Vincent 2818c-1, isolated ex *Bursera simaruba* stems, Forfar Field Station
- Epicoccum purpurascens* Ehrenb. ex Schlecht.  
Vincent 2689a, isolated ex *Conocarpus erectus* leaves, Forfar Field Station
- Fusarium* spp.  
Vincent 2664d, etc., on several substrates
- Lacellina graminicola* (Berk. & Br.) Petch  
Vincent 2797, 2798, on grasses, pine woods
- Leptoxyphium* sp.  
Vincent 2690, 2691b, on *Thespesia populnea* leaves, Forfar Field Station
- Myrothecium roridum* Tode ex Fries  
Vincent 2744a, on decaying *Cephalocereus swartzii* flower, Stafford Creek
- Nigrospora sphaerica* (Sacc.) Mason  
Vincent 2690e, 2691a, on *Thespesia populnea* leaves, Forfar Field Station
- Nodulisporium gregarium* (Berk. & Curt.) J.A. Meyer  
Vincent 2815, on decayed wood, Forfar Field Station
- Paecilomyces lilacinus* (Thom) Samson  
Vincent 2664c, on dead *Casuarina* wood, Forfar Field Station

*Penicillium digitatum* (Pers.: Fr.) Sacc.  
Vincent 2703a, on decaying orange, Fresh  
Creek

*Penicillium glabrum* (Wehmer) Westling  
Vincent 2780b, isolated ex *Hemerocallis*  
*arenicola* leaves, Pigeon Cay

*Penicillium* sp. nov. 1  
Vincent 2682, in *Pithecellobium* fruits, Forfar  
Field Station  
Vincent 2750b, isolated ex *Ilex* leaves, high  
coppice  
Vincent 2838b, isolated ex *Coccoloba diver-*  
*sifolia* leaves, Maidenhair Coppice

*Penicillium* sp. nov. 2  
Vincent 2803, on *Clusia rosea* fruits, Atala  
Coppice

*Periconia byssoides* Pers. ex Merat  
Vincent 2818b, on *Bursera simaruba* stems,  
Forfar Field Station

*Pestalotiopsis* sp.  
Vincent 2741, etc., quite common on various  
substrates

*Phialophora* sp.  
Vincent 2849b, isolated ex *Ratchacallis*,  
Saddleback Cay

*Phoma* spp.  
Vincent 2704a, etc., common on several  
substrates

*Phomopsis* spp.  
Vincent 2741a, etc., common on several  
substrates

*Pithomyces maydicus* (Sacc.) M.B. Ellis  
Vincent 2690f, isolated ex *Thespesia populnea*  
leaves, Forfar Field Station

*Rhodotorula* sp.  
Vincent 2822c, isolated ex *Nectandra coria-*  
*cea* leaves, near Forfar Field Station

*Stachybotrys nephrospora* Hansf.  
Vincent 2679, on rotting paper, Forfar Field  
Station

*Stilbella aleuriata* (Berk. & Curt.) Seifert  
Vincent 2702, on legume bark, Fresh Creek

*Silbella clavulata* (Mont.) Seifert  
Vincent 2720, 2728, 2777, 2818d, on dead  
wood, common

*Taeniola muricata* (Ellis & Everh.) Hughes  
Vincent 2822a, isolated ex *Nectandra coria-*  
*cea* leaves, near Forfar Field Station

*Trichoderma* spp.  
Vincent 2664b, etc., common, on many sub-  
strates

*Verticillium rexianum* (Sacc.) Sacc.  
Vincent 2791a, on *Stemonitis fusca*, high  
coppice  
Vincent 2829, on *Arcyria nutans*, Maidenhair  
Coppice

*Verticillium* spp.  
Vincent 2720c, 2752c, isolated ex dead wood

*Zygosporium oscheoides* Mont.  
Vincent 2691c, isolated ex *Thespesia popul-*  
*nea* leaves, Forfar Field Station  
Vincent 2818c, isolated ex dead *Bursera*  
*simaruba* wood, Forfar Field Station

#### Lichenes

*Trypethelium eluteriae* Sprengel  
Vincent 2724, on dead wood, Stafford Creek

*Trypethelium tropicum* (Ach.) Mull.-Arg.  
Vincent 2738, on dead wood, high coppice

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