

INTERNAL REPORT 58  
Microfungi  
of the H. J. Andrews Experimental Forest  
A Preliminary Checklist  
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FOR REVIEW ONLY: NOT FOR PUBLICATION

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This report lists 98 microfungi found in the H. J. Andrews Experimental Forest, Lane County, Oregon, between June 1970 and August 1972. The taxonomic treatments of the Ascomycetes and the Fungi Imperfecti in general follow Dennis (1968) and Barnett (1960), respectively. Specimens are deposited in the herbarium at Oregon State University (OSC).

## CODE TO HOSTS:

PSME	<i>Pseudotsuga menziesii</i>
TSHE	<i>Tsuga heterophylla</i>
TABR	<i>Taxus brevifolia</i>
THPL	<i>Thuja plicata</i>
CACH	<i>Castanopsis chrysophylla</i>
GASH	<i>Gaultheria shallon</i>
RHMA	<i>Rhododendron macrophyllum</i>
COMP	Compositae
ACMA	<i>Acer macrophyllum</i>

Other hosts are indicated.

## CODE TO SUBSTRATES:

(B)	Bark
(N)	Needles or leaves
(T)	Twigs
(D)	Dead material
(R)	Resin
(W)	Decorticated wood

A (C) indicates the fungus was identified from culture.

It is hoped that future collectors on the site will be motivated by this admittedly incomplete list to search more extensively for micro-fungi.

	Host/ <u>Substrate</u>
CLASS ASCOMYCETES	
ORDER PEZIZALES	
Sarcoscyphaceae	
<u>Pseudoplectania</u> sp.	PSME (W)
ORDER HELOTIALES	
Sclerotiniaceae	
<u>Rutstroemia</u> sp.	(W)
Caliciaceae	
<u>Caliciopsis pseudotsugae</u> Fitzp.	PSME (T)
<u>Mycocalicium parietinum</u> (Ach.) Nadv.	PSME, TSHE, Abies (W)
Helotiaceae	
<u>Retinocyclus abietis</u> (Crouan) Groves & Wells	PSME (R)
<u>Cyathicula cacaliae</u>	COMP (D)
<u>Chlorosplenium aeruginascens</u> (Nyl.) Karst.	(W)
Hyaloscyphaceae	
<u>Dasyscyphus bicolor</u> (Bull. ex Fr.) Fuckel v. <u>rubi</u> (Bres.) Dennis	Rubus
<u>Dasyscyphus nidulus</u> (Schwit. & Kurze) Masee	Aralia
<u>Lachnellula ciliata</u> (G.G. Hahn) Dennis	PSME (T) (D)

Host/  
Substrate

## Dermateaceae

<u>Dermea</u> sp. #1	TSHE (B)
<u>Dermea</u> sp. #2	Sambucus
<u>Mollisia</u> sp.	PSME (B) (D)

## ORDER PHACIDIALES

## Hypodermataceae

<u>Rhytisma acerinum</u> (Pers. ex St. Amans) Fr.	ACMA (N)
<u>Colpoma crispum</u> (Pers. ex Fr.) Sacc.	PSME (B)
<u>Coccomyces coronatus</u> (Schum. ex Fr.) Kars.	Berberis
<u>Phacidium gaultheriae</u> Dearn.	GASH (N) (D)
<u>Didymascella thujina</u> (Durand) Maire	THPL (N)
<u>Neophaacidium</u> sp.	CACH

## ORDER PATELLARIALES

## Patellariaceae

<u>Rhytidhysterium</u> sp.	RHMA (W)
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## ORDER OSTROPALES

## Ostropaceae

<u>Acrospermum</u> sp.	Cornus
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## ORDER SPHAERIALES

## Hypocreaceae

<u>Hypocrea fungicola</u> Karst.	Fomes
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	<u>Host/ Substrate</u>
Nectriaceae	
<u>Nectria</u> sp.	PSME (T) (D)
Melanosporaceae	
<u>Melanospora lagenaria</u> (Pers. ex Fries) Fuckel	Fomes
Xylariaceae	
<u>Hypoxylon rubiginosum</u> (Pers. ex Fr.) Fr.	
Diatrypaceae	
<u>Diatrype</u> sp.	ACMA (W)
Diaporthaceae	
<u>Diaporthe pitya</u> Sacc.	PSME (T)
<u>Cryptodiaporthe denissima</u> (E. & E.) Wemeyer	Acer circinatum
ORDER CORONOPHORALES	
Coronophoraceae	
<u>Bertia moriformis</u> (Tode ex Fries) deNot	PSME (W)
ORDER PLECTASCALES	
Erisyphaceae	
<u>Erisyphe polygoni</u> D. C.	Lupinus
Meliolaceae	
<u>Meliola niessleana</u> Wint.	GASH (N)

Host/  
Substrate

## ORDER MYRIANGIALES

## Atichiaceae

Atichia sp. PSME (N) (T)

## ORDER DOTHIDIALES

## Pseudosphaeraceae

? Pseudoplea sp. PSME (T)

## Mycosphaerellaceae

Mycosphaerella thujae Petr. THPL (N)

Mycosphaerella clintoniana House RHMA (N)

Mycosphaerella sp. Alnus (N)

Sphaerulina taxi (Ck.) Massee TABR (N)

## Capnodiaceae

Metacapnodium sp. PSME (T)

Antennatula sp. PSME (T)

? Vitalia sp. TABR (T)

## Chaetothyriaceae

Scolecobonaria lithocarpi (Mill.  
& Bonar) Bat. PSME (T)

Scolecobonaria sp. TABR (T)

## Dimeriaceae

Epipolaeum tsugae (Dearn.) Shoem. TSHE (N)

Epipolaeum pseudotsugae (Mill. &  
Bonar) Shoem. PSME (N)

## ORDER PLEOSPORALES

## Verrucariaceae

	<u>Host/ Substrate</u>
<u>Discothecium</u> sp.	Lichens

## Venturiaceae

<u>Metacoleroa dickei</u> (Berk. & Broome) Petr.	Linnaea
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<u>Phaeocryptopus gaumanii</u> (Rohde) Petr.	PSME (N)
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## Plecsporaceae

<u>Didymella tosta</u> (Berk. & Broome) Petr.	Epilobium
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<u>Didymosphaeria futilis</u> (Berk. & Broome) Rehm	PSME (W)
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<u>Winteria coerulea</u> E. & E.	PSME (T)
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<u>Leptosphaeria culmicola</u> (Fr.) Awd.	Festuca
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<u>Massarina</u> cf. <u>corticola</u> (Fuckel) Holm	PSME (T)
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<u>Pleospora kansensis</u> E. & E.	COMP (D)
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<u>Ophiobolus acuminatus</u> (Sow. ex Fr.) Duby	COMP (D)
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<u>Herpotrichia nigra</u> Hartig	Abies (N) (T)
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## ORDER HYSTERIALES

## Hysteriaceae

<u>Glonium pusillum</u> Zogg	TSHE (B)
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<u>Hysterium acuminatum</u> Fr.	TSHE (B)
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<u>Hysterium thujarum</u> Bisby	THPL (B)
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Host/  
Substrate

Hysteriaceae continued

<u>Gloniopsis curvata</u> (Fr.) Sacc.	TSHE (B)
<u>Actidium</u> sp.	THPL (B)
<u>Lophium</u> sp.	PSME (B)

ORDER MICROTHYRIALES

Microthyriaceae

<u>Microthyrium thujae</u> Dearn.	THPL (N)
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Leptopeltaceae

?	PSME (N)
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Hemisphaeriaceae

<u>Schizothyrium pomi</u> (Mont. ex Fr.) Arx	TSHE (N)
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FORM-CLASS DEUTEROMYCETES (FUNGI IMPERFECTI)

ORDER MONILIALES

Moniliaceae

<u>Helicoon</u> sp.	TSHE (B)
<u>Hyalodendron</u> sp. (C)	PSME (T)
<u>Cephalosporium</u> sp. (C)	PSME (T)

Dematiaceae

<u>Nigrospora</u> sp.	PSME (T)
<u>Sporidesmium larvatum</u> Cke. & Ell.	THPL (T)
<u>Septonema secedens</u> Corda	THPL (R)
<u>Conoplea fusca</u> Pers.	PSME (R)

	<u>Host/ Substrate</u>
Dematiaceae continued	
<u>Bispora</u> sp.	PSME (R)
<u>Cladosporium oxysporum</u> Berk. & Curt. (C)	PSME (T)
<u>Cladosporium cladosporioides</u> (Fresen.) de Vries (C)	PSME (T)
<u>Cladosporium herbarum</u> (Pers.) Link. (C)	PSME (T)
<u>Aureobasidium pullulans</u> (de Bary) Arn.	
<u>Ulocladium botrytis</u> Preuss (C)	PSME (T)
Stilbaceae	
<u>Doratomyces</u> sp.	ACMA (W)
<u>Pycnostysanus resinae</u> Lindau	PSME (R)
<u>Briosia azaleae</u> (Pk.) Sacc.	RHMA
<u>Graphium</u> sp.	THPL (B)
<u>Stilbum</u> sp.	TSHE (R)
Tuberculariaceae	
<u>Bactrodesmium</u> cf. <u>obliquum</u> Sutton	PSME (T) (B)
<u>Bactrodesmium</u> sp.	ACMA
<u>Epicoccum purpurascens</u> Ehrenb. ex Schlect. (C)	PSME (T)
<u>Strumella</u> sp.	PSME (W)

Host/  
Substrate

## ORDER MELANCONIALES

<u>Coryneum thujinum</u> Dearn.	THPL (N)
<u>Cylindrosporium</u> sp.	Oxalis
<u>Vestigium felicis</u> Shoem. & Pirozynski	THPL (T)

## ORDER SPHAEROPSIDALES

<u>Selenophoma</u> sp.	PSME (T)
<u>Ascochyta</u> sp.	TSHE (B)
<u>Coniothyrium</u> sp. (C)	PSME (T)
<u>Diplodina</u> sp.	TSHE (B)
<u>Phoma</u> sp.	Lichens
<u>Phlyctaena</u> sp.	Lichens
<u>Dothiorella</u> sp.	PSME (T)
<u>Blennoria</u> sp.	GASH (N)

## CLASS BASIDIOMYCETES

## ORDER DACRYOMYCETALES

## Dacryomycetaceae

<u>Calocera cornea</u> (Fries) Loudon	(W)
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