

MYCOTAXON

Volume LII, no. 1, pp. 1-46

July-September 1994

CHECKLIST AND HOST INDEX OF WOOD-INHABITING FUNGI OF ALASKA

THOMAS J. VOLK, HAROLD H. BURDSALL, JR.

Center for Forest Mycology Research,
Forest Products Laboratory¹, Forest Service, United States Department of
Agriculture, One Gifford Pinchot Dr., Madison, WI 53705 USA

& KEITH REYNOLDS

Forestry Sciences Laboratory, 201 E 9th Avenue,
Anchorage, Alaska 99501 USA

Abstract: In this study of 754 collections of wood-inhabiting fungi in Alaska, we report 254 species of wood-inhabiting fungi, mostly in the Corticiaceae *sensu lato* and Polyporaceae *sensu lato*. One hundred fifty-one of these are new records for the state of Alaska, and nine are new records for North America. A host index to fungi collected is included. Also included is a list of fungi previously reported from Alaska not collected in this study. This survey provides a baseline study for fungi in old growth forests of Alaska.

Key words: Alaska fungi, checklist, Corticiaceae, Polyporaceae, wood-inhabiting fungi

In the last 50 years, the demand for timber and timber products has greatly escalated, while at the same time allowable logging has decreased. The net result of reduction in permitted logging in the lower 48 states is an increase of logging in areas of Alaska that contain the few major tracts of remaining old growth forests in the United States. This increased harvesting would be expected to cause changes in the composition of the mycota of the logged areas. Unfortunately, these changes are difficult to document because of a lack of baseline studies on the fungal species composition of stable old growth in Alaska. To begin attainment of the necessary baseline information for further ecological and systematic studies, one of us (HHB) has collected extensively in the Anchorage area and Kenai Peninsula, largely in the Chugach National Forest, for four seasons, a one-day trip to Denali National Park, one week in the interior on a float plane trip, and an additional season in the islands of the Tongass National Forest near Juneau.

¹Maintained at Madison, WI, in cooperation with the University of Wisconsin-Madison

Although there are numerous reports on agarics and other large fleshy fungi from Alaska, the wood-inhabiting fungi, especially in the Aphyllophorales, have been under-collected and under-reported. Previous work on the wood-inhabiting fungi of Alaska has been scant, with fewer than forty publications that mention distributions of these fungi in the state (see Appendix). Fewer than ten of the publications deal exclusively with Alaskan fungi. David Farr of the National Fungus Collection in Beltsville, Maryland has generously provided us with a list based on Farr *et al.* (1989) that catalogs 176 wood-inhabiting basidiomycete species from Alaska reported from these publications.

One striking aspect is the relatively small number of host tree species in a given area; most areas have fewer than 10 species of trees. Different areas, of course, have their own tree species compositions, but the collective number of kinds of hosts is relatively small; there are only 33 species that reach tree size in all of Alaska (Viereck and Little, 1972). For example, the old growth forest of the Kenai Peninsula in the Chugach National Forest consists of very few tree species, mostly *Picea glauca* (Moench) Voss [white spruce], *Picea sitchensis* (Bong.) Carr. [sitka spruce], their natural hybrid *Picea x lutzii* Little [Lutz spruce], *Tsuga heterophylla* (Raf.) Sarg. [western hemlock], *Tsuga mertensiana* (Bong.) Carr. [mountain hemlock], and an assortment of shrubby *Salix*, *Betula*, and *Alnus* species. Also locally abundant are *Populus trichocarpa* Torr. et Gray [black cottonwood] and *Populus tremuloides* Michx. [trembling aspen]. In comparison, the forests of southeastern Alaska, in the Tongass National Forest near Juneau, consist mostly of *Tsuga heterophylla*, *Picea sitchensis*, *Pinus contorta* Dougl. var. *contorta* Dougl. [shore pine], *Sambucus callicarpa* Greene [red elder] and several shrubby *Salix*, *Betula*, and *Alnus* species. A host index follows the collection data.

There has been increasing interest in the influence of down wood on the health of the forests and ecosystem management (Maser and Trappe 1984, Maser *et al.*, 1988; Larson, 1992). The fungi we have collected and listed here, especially those in the Corticiaceae *s. l.*, are the main decomposers of wood in these forests, gradually returning nutrients to the soil over the course of several hundred years. The importance of this interaction of downed wood and fungi in the ecosystem has been vastly underrated.

In this study of 754 collections, we report 254 species of wood-inhabiting fungi from Alaska. Based on Conners (1967), Ginns (1986), Farr *et al.* (1989), and Ginns and Lefebvre (1993), as well as the literature in Appendix 1, 151 (approximately 60%) of these species were previously unreported from Alaska. Seventeen of these species have not been recorded in the United States, and nine are new reports from North America. In addition, approximately 20 new species will be described in later publications. Gilbertson and Ryvarden (1986, 1987) report 81 species of polypores occurring in Alaska. We report 39 of these species plus an additional 12 species. Ginns and Lefebvre (1993) list 93 species of corticioid fungi from Alaska. Our collections include 46 of these species, plus an additional 120 species. Farr *et al.* (1989) report 176 basidiomycete species from Alaska. Our

collection includes 66 of these fungi. Additional species of fungi from Alaska included in these three publications, as well as the publications of Baxter (1947, 1950), Baxter and Warner (1942) and Baxter and Wadsworth (1939), and not in our collections are listed in Appendix 2.

Although there are some differences in hosts, the Alaskan mycota is similar to that of North Europe and Siberia. The reporting of many of these species from Alaska extends their distribution ranges and significantly contributes to the presumed circumboreal, circumpolar, or Pacific Northwest distribution patterns for these fungi.

MATERIALS AND METHODS

Collecting and culturing techniques were as described in Gilbertson and Ryvardeen (1986). All specimens and cultures are deposited at the Center for Forest Mycology Research (CFMR). Collections were made at the following sites in 1988, 1989, 1990, and 1991:

Kenai Peninsula, September 1988

Russian River Ferry, 12 IX 88
 Trail Lakes Campground, S of Moose Pass, 13 IX 88
 Broadview Guard Station, 13 IX 88
 Mile 12 Seward Highway, 14 IX 88
 Golden Fin Lake, N of Seward, 14 IX 88
 E Fork Creek at Seward Highway, 15 IX 88

Kenai Peninsula, August-September 1989

Mile 40 Sterling Highway, 28 VIII 89
 Mile 10 Seward Highway, 29 VIII 89
 Broadview Guard Station, Sterling Highway, 29 VIII 89
 Exit Glacier, near Seward, 29 VIII 89
 Trail River Campground, 29 VIII 89
 Three Rivers Campground, 29 VIII 89
 Oilwell Road, 5 mi E of Ninilchik, 30 VIII 89
 Oilwell Road, 4 mi E of Ninilchik, 31 VIII 89
 Tustamena Lake, 31 VIII 89
 Mile 60 Seward Highway, 6 IX 89
 Hope Road at Seward Highway, 6 IX 89

Eagle River, August 1989

Keith Reynold's home, Eagle River, 27 VIII 89
 Chugach State Park, near Eagle River, 4 IX 89
 Eaglewood, Eagle River, 4 IX 89

Anchorage, July 1990

McHugh Creek Wayside, Chugach State Park near Anchorage, 3 VII 90
 Elmendorf Airforce Base, Anchorage, 3 VII 90

Interior of Alaska, July 1990

Peters Creek Trail, Peters Creek, 4 VII 90
 S end Turnagain Arm, Portage, 5 VII 90
 E end Turnagain Arm, Portage, 5 VII 90
 Denali National Park Headquarters, 7 VII 90
 Mile 13 Denali National Park Rd., 7 VII 90
 N of Peterson Creek, S of Girdwood, 9 VII 90
 Virgin Creek, Girdwood, 9 VII 90
 Tebay Lake, Chugach Mountains, 10 VII 90
 near Chandalar Creek, Porcupine River., 12 VII 90
 Millers Camp N of Eagle, Yukon River., 12 VII 90
 S shore Walker Lake, NW of Bettles, 14 VII 90
 Clarence Lake Inlet, Upper Susitna River, 15 VII 90
 Clarence Lake Inlet, NW of Lake Louise, 16 VII 90

Kenai Peninsula, July 1990

S end Johnson Pass Trail, Chugach National Forest, 18 VII 90
 Johnson Creek Trail at Trail Lake, Kenai Peninsula, 18 VII 90

Tongass National Forest (Southeastern Alaska), July-August 1991

Todd, Chichagof Island, 22 VII 91
 Hawk Inlet, Admiralty Island, 22 VII 91
 Saook Bay, Baronov Island, 22 VII 91
 Trapp Bay, Chichagof Island, 22 VII 91
 Taku Harbor, 23 VII 91
 Duncan Canal, Kupreanof Island, 23 VII 91
 Port Alexander, Mitkof Island, 23 VII 91
 Thayer Lake, Admiralty Island, 23 VII 91
 Kadake Bay, Kuiu Island, 24 VII 91
 Glass Peninsula near Twin Point, Admiralty Island, 24 VII 91
 Hood Bay, W side Admiralty Island, 24 VII 91
 Hood Bay, Admiralty Island, 24 VII 91
 Gambier Bay, Admiralty Island, 24 VII 91
 Security Bay, Kuiu Island, 24 VII 91
 Murder Cove, S tip Admiralty Island, 24 VII 91
 Mole Harbor, Admiralty Island, 24 VII 91
 Echo Cove, 40 mi N of Juneau, 25 VII 91
 Patterson Bay, Chichagof Island, 25 VII 91
 Port Frederick near Halibut Island, Chichagof Island, 25 VII 91
 N arm Hoonah Sound, Chichagof Island, 25 VII 91
 Neka Bay, Chichagof Island, 25 VII 91
 Pavlof Harbor, Chichagof Island, 25 VII 91
 Sheep Creek Trail, S of Juneau, 28 VII 91
 Mile 12 N Douglas Highway, 29 VII 91
 Mendenhall Glacier, Loop Trail, Juneau, 30 VII 91
 Mendenhall Glacier, Juneau, 31 VII 91
 Switzer Trail, Juneau, 1 VIII 91

Mendenhall Glacier, W Glacier Trail, Juneau, 2 VIII 91
 Yankee Basin Trail, 5 VIII 91
 Eagle Crest Road, 2 mi from lodge, Douglas Island, 6 VIII 91
 Eagle Crest Road at Douglas Island, 6 VIII 91
 John Muir Cabin, Auke Bay, 7 VIII 91
 Aukenu Trail, 7 VIII 91
 Lena Beach, 7 VIII 91
 Spaulding Trail, Auke Bay, 8 VIII 91
 Fish Creek Trail, Douglas Island, 9 VIII 91

Kenai Peninsula, August 1991

Broadview Guard Station, Kenai Lake, Chugach NF, 15 VIII 91
 Stariski State Recreation Area, N of Homer, 16 VIII 91
 Anchor Point Rec. Area, Halibut Campground, 18-19 VIII 91
 Cooper Creek Campground, Cooper Landing, 20 VIII 91

Based on Connors (1967), Ginns (1986), Farr *et al.* (1989), and Ginns and Lefebvre (1993), as well as the literature in the appendix, species in the list below and preceded by the following notations indicate new distributions: * new to Alaska, # new to the United States, @ new to North America. Numbers followed by the following codes (-sp= multispore culture, -T = basidiome tissue culture) indicate that a culture of the collection has been deposited at the Center for Forest Mycology Research (CFMR). Abbreviations included in collection site data are as follows:

AFB	Air Force Base	Mt	Mountain
Cg	Campground	N	north
Cr	Creek	NF	National Forest
Gl	Glacier	NP	National Park
diam	diameter	Pt	Point
E	east	R	River
GS	Guard Station	Rd	Road
Hwy	Highway	RecA	Recreation Area
HQ	Headquarters	S	south
I	Island	-sp	multispore culture
KP	Kenai Peninsula	St	State
L	Lake	-T	tissue culture
Lnd	Landing	Tr	Trail
mi	mile	W	west

Wood-inhabiting fungi of Alaska

* *Acanthophysium cerrusatum* (Bres.) Boid.

Picea, fire killed, Mile 40 Sterling Hwy, KP, 1989, HHB-12618

Populus tremuloides down branch, Denali NP, 1990, HHB-13204-sp

***Acanthophysium lividoeruleum* (P. Karst.) Boid.**

Picea glauca log, Chugach St Park, Eagle River, 1989, HHB-12829-sp

*

***Acanthophysium spiniger* (Rog. et Lemke) Parm.**

Picea sitchensis log, Mile 10 Seward Hwy, KP, 1989, HHB-12672

Tsuga mertensiana, E end Turnagain arm, Portage, 1990, HHB-13118-sp

***Acanthophysium weirii* (Burt) Parm.**

Picea lutzii, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13362

Picea sitchensis or *Tsuga heterophylla* stump, Aukenu Tr, 1991, HHB-14012

P. sitchensis down branches, Mile 10 Seward Hwy, KP, 1989, HHB-12675,
HHB-12678-sp, HHB-12680-sp

P. sitchensis?, E end Turnagain Arm, Portage, 1990, HHB-13131, HHB-13132

***Albatrellus ovinus* (Fr.) Murr.**

Picea x lutzii, Broadview GS, Sterling Hwy, KP, 1989, HHB-12707

***Aleurocystidellum subcruentatum* (Berk. et Curt.) Lemke**

Picea sitchensis live bark, Eagle Crest Rd at Douglas I, Tongass NF, 1991,
HHB-13980-sp HHB-13973

P. sitchensis snag, Lena Beach, Tongass NF, 1991, HHB-13984-sp, HHB-13997

P. sitchensis, E end Turnagain Arm, Portage, 1990, HHB-13135-sp

P. sitchensis log off ground, N of Peterson Cr, S of Girdwood, 1990, HHB-13258

P. sitchensis, trunk live tree, Todd, Chichagof I, Tongass NF, 1991, HHB-13661-sp

P. sitchensis dead, Mendenhall GI, Juneau, 1991, HHB-13893

P. sitchensis, dead branches of live tree, Stariski St RecA, N of Homer, KP, 1991,
HHB-14110

P. sitchensis live bark, Anchor Pt RecA, Halibut Cg, KP, 1991, HHB-14113,
HHB-14120-s

*

***Aleurodiscus amorphus* (Pers.:Fr.) J. Schroet.**

Picea sitchensis, small recently dead, Mendenhall GI, W Glacier Tr, 1991,
HHB-13890

*

***Aleurodiscus penicillatus* Burt**

Picea sitchensis branch, Mendenhall GI, Juneau, 1991, HHB-13878

Picea sitchensis, dead branch live tree, Anchor Pt RecA, Halibut Cg, KP, 1991,
HHB-14115, HHB-14112

Picea sitchensis, dead branch live tree, Stariski St RecA, N of Homer, KP, 1991,
HHB-14108, HHB-14109

Picea sitchensis dead branch live tree, Sheep Cr Tr, S of Juneau, Tongass NF,
1991, HHB-13777

Picea sitchensis, dead branch live tree, Virgin Cr, Girdwood, 1990, HHB-13223,
HHB-13236, HHB-13244, HHB-13245

Picea sitchensis dead branch live tree, Neka Bay, Chichagof I, Tongass NF, 1991,
HHB-13767 cont'd--->

- Picea sitchensis*, Exit Gl, near Seward, KP, 1989, HHB-12689-sp
Picea sitchensis live, Anchor Pt RecA, KP, 1991, HHB-14121
Picea sitchensis, Mendenhall Gl, Juneau, 1991, HHB-13822
Picea sitchensis small diam dead standing, Mendenhall Gl, W Glacier Tr, 1991,
 HHB-13902; dead branch live tree, HHB-13896, HHB-13900, HHB-13901
Tsuga heterophylla, dead branch live tree, Echo Cove, 40 mi N of Juneau, Tongass
 NF, 1991, HHB-13751, HHB-13748
Tsuga heterophylla down twig, Echo Cove, 40 mi N of Juneau, Tongass NF, 1991,
 HHB-13747
Tsuga mertensiana, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13369
- Amphinema byssoides* (Fr.) J. Erikss.**
- Alnus sinuata*, Yankee Basin Tr, Tongass NF, 28 mi N of Juneau, 1991,
 HHB-13939
Alnus, well-decayed stem, N of Peterson Cr, S of Girdwood, 1990, HHB-13264
Picea glauca down, Denali NP HQ, 1990, HHB-13194
P. glauca, E Fork Cr at Seward Hwy, KP, 1988, HHB-12496
P. glauca, Elmendorf AFB, Anchorage, 1990, HHB-13055-sp
P. glauca log, Chugach St Park, Eagle River, 1989, HHB-12814
P. glauca stump, Broadview GS, Kenai L, KP, Chugach NF, 1990, HHB-13331
Picea x lutzii branch, Mile 60 Seward Hwy, KP, 1989, HHB-12848
Picea x lutzii log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13367
Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12394, HHB-12370
Picea mariana log, Mile 13 Denali NP Rd, 1990, HHB-13170, HHB-13167,
 HHB-13172
Picea sitchensis base of dead, Mendenhall Gl, W Glacier Tr, Tongass NF, 1991,
 HHB-13891
P. sitchensis, down branch, Neka Bay, Chichagof I, Tongass NF, 1991,
 HHB-13764
P. sitchensis down twigs, Mendenhall Gl, W Glacier Tr, Juneau, 1991,
 HHB-13915-sp, HHB-13918
P. sitchensis down, Virgin Cr, Girdwood, 1990, HHB-13231, HHB-13227
P. sitchensis log, Yankee Basin Tr, Tongass NF, 1991, HHB-13920
P. sitchensis well-decayed trunk, Port Frederick near Halibut I, Chichagof I,
 Tongass NF, 1991, HHB-13769
Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13060, HHB-13081
Populus trichocarpa log, Cooper Cr Cg, Cooper Landing, KP, 1991, HHB-14153
Salix debris, Mile 13 Denali NP Rd, 1990, HHB-13175, HHB-13179, HHB-13178,
 HHB-13181
Salix, Elmendorf AFB, Anchorage, 1990, HHB-13084
Tsuga heterophylla or *Picea sitchensis* log, Yankee Basin Tr, N of Juneau, Tongass
 NF, 1991, HHB-13934
Tsuga heterophylla? log, Yankee Basin Tr, N of Juneau, Tongass NF, 1991,
 HHB-13927
Tsuga mertensiana, E end Turnagain Ann, Portage, 1990, HHB-13128
Tsuga, well-decayed stump, Golden Fin L, N of Seward, KP, 1988, HHB-12452

* ***Amylocorticium cebennense* (Bourd.) Pouz.***Picea sitchensis*, Todd, Chichagof I, Tongass NF, 1991, HHB-13660* ***Amylocorticium subincarnatum* (Peck) Pouz.***Picea glauca*, Broadview GS, Kenai L, KP, Chugach NF, 1990, HHB-13339*# ***Amylocorticium subsulphureum* (Karst.) Pouz.***Tsuga heterophylla* log, Mile 12 N Douglas Hwy, Tongass NF, 1991,
HHB-13817-sp***Amylocystis lapponicus* (Rom.) Singer***Picea x lutzii*, S end of Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13400-sp***Anomoporia bombycina* (Fr.) Pouz.***Picea x lutzii*, Russian River Ferry, KP, 1988, HHB-12389***Antrodia albida* (Fr.) Donk***Picea* log, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14092
Salix snag, Anchor Pt RecA, KP, 1991, HHB-14146***Antrodia albobrunnea* (Rom.) Ryv.***Picea sitchensis* log, Eagle Crest Rd, Douglas I, Tongass NF, 1991, HHB-13976* ***Antrodia carbonica* (Overh.) Gilbn. et Ryv.***Picea x lutzii*, Johnson Cr Tr at Trail L, KP, 1990, HHB-13356***Antrodia heteromorpha* (Fr.) Donk***Picea x lutzii*, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14074
Picea x lutzii stump, Cooper Cr Cg, Cooper Landing, KP, 1991, HHB-14162-T
Populus trichocarpa stump, Stariski St RecA, 20 mi N of Homer, KP, 1991,
HHB-14107
Tsuga heterophylla, porcupine scar live tree, Eagle Crest Rd, Douglas I, Tongass
NF, 1991, HHB-13977-T***Antrodia sinuosa* (Pers.:Fr.) Karst.***Picea x lutzii* log, Mile 60 Seward Hwy, KP, 1989, HHB-12857
Tsuga, Hope Rd at Seward Hwy, KP, 1989, HHB-12878-sp***Antrodia sitchensis* (Bat.) Gilbn. et Ryv.***Picea glauca* log, E Fork Cr at Seward Hwy, KP, 1988, HHB-12513
Picea x lutzii, Three Rivers Cg, KP, 1989, HHB-12661-sp
Picea x lutzii, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13363***Asterodon ferruginosa* Pat.***Picea glauca* log, Elmendorf AFB, Anchorage, 1990, HHB-13090-sp
Tsuga mertensiana, S end Turnagain Arm, Portage, 1990, HHB-13155

- *#@ ***Athelia acrospora* Jülich**
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13408
- * ***Athelia arachnoidea* (Berk.) Jülich**
Populus trichocarpa stump, Cooper Cr Cg, Cooper Landing, KP, 1991, HHB-14156
- * ***Athelia bombacina* Pers.**
Picea mariana stump, Tustamena L, KP, 1989, HHB-12771
Picea sitchensis, Exit Gl, near Seward, KP, 1989, HHB-12702
Pinus contorta var. *contorta* Eagle Crest Rd, Douglas I, Tongass NF, 1991,
 HHB-13963
- * ***Athelia coprophila* (Wakef.) Jülich**
Alnus sinuata down branch, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF,
 1991, HHB-13942
- * ***Athelia decipiens* (v.Höhn. et Litsch) J. Erik.**
Picea x lutzii, Oilwell Rd, 5 mi E of Ninilchik, KP, 1989, HHB-12709-sp
Tsuga heterophylla, Hawk Inlet, Admiralty I, Tongass NF, 1991, HHB-13651
- * ***Athelia fibulata* M.P. Christ.**
Picea x lutzii down branch, S end Johnson Pass Tr, KP, Chugach NF, 1990,
 HHB-13406
Picea sitchensis log, Exit Gl, near Seward, KP, 1989, HHB-1268
- *# ***Atheliopsis glaucina* (Bourd. et Galz.) Parm.**
Betula papyrifera log, Mile 60 Seward Hwy, Kp, 1989, HHB-12843
- * ***Basidioradulum radulum* (Fr.) Nobles**
Alnus or *Salix* log, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14097
- Bjerkandera adusta* (Willd.:Fr.) Karst.**
Alnus sinuata, dead part live tree, Stariski St RecA, N of Homer, KP, 1991,
 HHB-14100
Populus or *Betula* log, Chugach St Park, Eagle River, 1989, HHB-12842
Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13072-sp
Populus trichocarpa, Chugach St Park, Eagle 1989, HHB-12826-sp
- Botrybasidium botryosum* (Bres.) J. Erikss.**
Picea x lutzii dead root collar, S end Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13420
Picea sitchensis fallen branch, 10 mi N of Seward, Seward Hwy, KP, 1989,
 HHB-12671
Tsuga heterophylla log, Switzer Tr, Juneau, 1991, HHB-13885
T. heterophylla, Taku Harbor, Tongass NF, 1991, HHB-13685

10

* ***Botryobasidium candicans* J. Erik.**

Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12364

Tsuga heterophylla log, Switzer Tr, Juneau, 1991, HHB-13887

T. heterophylla or *Picea sitchensis* log, Lena Beach, Tongass NF, 1991,
HHB-13987

Tsuga mertensiana log, S end Johnson Pass Tr, Chugach NF, KP, 1990,
HHB-13364

* ***Botryobasidium danicum* J. Erik. et Hjortst.**

Picea sitchensis or *Tsuga heterophylla*, Mile 12 N Douglas Hwy, Tongass NF,
1991, HHB-13798

* ***Botryobasidium laeve* (J. Erikss.) Parm.**

Pinus contorta var. *contorta*, Eagle Crest, Tongass NF, 1991, HHB-13958,
HHB-13970

Populus trichocarpa log, Anchor Pt RecA, KP, 1991, HHB-14132

* ***Botryobasidium subcoronatum* (v.Höhn. et Litsch.) Donk**

Picea log, Trail Lake Cg, S of Moose 1988, HHB-12431

Tsuga heterophylla down well-decayed log, Echo Cove, 40 mi N of Juneau, Tongass
NF, 1991, HHB-13750

T. heterophylla log, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14021

* ***Botryohypochnus isabellinus* (Fr.) J. Erikss.**

Betula kenaiaca, Russian River Ferry, KP, 1988, HHB-12380

Picea sitchensis, Trapp Bay, Chichagof I, 1991. HHB-13675

* ***Bourdotia caesio-cinerea* (v.Höhn. et Litsch.) Bourd. et Galz.**

Picea mariana dead root crown, Mile 13 Denali NP Rd, 1990, HHB-13187

***Bourdotia eyrei* (Wakef.) Bourd. et Galz.**

Populus trichocarpa log, Cooper Cr Cg, Cooper Lnd, KP, 1991, HHB-14152

*#@ ***Byssocorticium lutescens* J. Erikss. et Ryv.**

Pinus contorta var. *contorta*?, Eagle Crest, Douglas I, Tongass NF, 1991,
HHB-13959

* ***Calocera cornea* (Batsch.:Fr.) Fr.**

Alnus sinuata, Mendenhall Gl, W Glacier Tr, Juneau, 1991, HHB-13838,
HHB-13917

Tsuga heterophylla or *Picea sitchensis*, Trapp Bay, Chichagof I, Tongass NF, 1991,
HHB-13679-sp

* ***Calocera viscosa* (Pers.:Fr.) Fr.**

Picea log, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12733-sp

***Ceraceomerulius serpens* (Fr.) J. Erikss. et Ryv.**

- Picea mariana* log, Tushmena L, KP, 1989, HHB-12769-sp-T
Picea mariana, decayed root crown, Mile 13 Denali NP Rd, 1990, HHB-13189
Populus tremuloides, Elmendorf AFB, 1990, HHB-13075A, HHB-13064
Tsuga mertensiana, E end Turnagain ann, Portage, 1990, HHB-13152, HHB-13154

* ***Ceraceomyces borealis* (Rom.) J. Erikss.**

- Tsuga heterophylla* log, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14048

* ***Ceraceomyces tessulatus*, (Cooke) Jülich**

- Betula* log, Mile 60 Seward Hwy, KP, 1989, HHB-12854
Betula log, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12720
Picea sitchensis? log, Golden Fin L, N of Seward, KP, 1988, HHB-12457
Tsuga, Hope Rd at Seward Hwy, KP, 1989, HHB-12882

* ***Ceriporiopsis pannocincta* (Rom.) Gilbn. et Ryv.**

- Populus tremuloides* log, Eaglewood, Eagle River, 1989, HHB-12806
P. tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13066

***Cerrena unicolor* (Bull.:Fr.) Murr.**

- Betula* snag, Chugach St Park, Eagle River, 1989, HHB-12822-T

***Chaetoderma luna* (Rog. et Jacks.) Parm.**

- Conifer (undet.), Aukenu Tr, Tongass NF, 1991, HHB-14011
Picea glauca, Chugach St Park, Eagle River, 1989, HHB-12836-sp
Picea mariana log, Mile 13 Denali NP Rd, 1990, HHB-13171-sp
Picea sitchensis down branch, Mile 10 Seward Hwy, KP, 1989, HHB-12673
P. sitchensis, Eagle Crest Rd at stream 2 mi, below lodge, Douglas I, Tongass NF, 1991, HHB-13975
P. sitchensis, Mile 12 Seward Hwy, KP, 1988, HHB-12475
Pinus contorta var. *contorta*, John Muir Cabin, Auke Bay, Tongass NF, 1991, HHB-14010-T-sp
Tsuga heterophylla down branch, Patterson Bay, Chichagof I, Tongass NF, 1991, HHB-13757
T. heterophylla or *P. sitchensis* log, Yankee Basin Tr, N of Juneau, Tongass NF, 1991, HHB-13943
T. heterophylla or *P. sitchensis* branch, N arm Hoonah Sound, Chichagof I, Tongass NF, 1991, HHB-13760
T. heterophylla welldecayed log, Hood Bay, Admiralty I, Tongass NF, 1991, HHB-13742
T. heterophylla? log, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991, HHB-13928, HHB-13924
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13137-sp

***Cheimonophyllum candidissimum* (Berk. et Curt.) Singer**

- Populus trichocarpa* twigs, Exit Gl, near Seward, KP, 1989, HHB-12698-sp

* ***Chlorociboria aeruginascens* (Nyl.) Kanouse**
Betula, Mile 40 Sterling Hwy, KP, 1989, HHB-12640

***Chondrostereum purpureum* (Fr.) Pouz.**
Populus trichocarpa, Broadview GS, Cooper Landing, KP, 1990, HHB-13333-sp,
 HHB-13334-sp

* ***Coniophora arida* (Fr.) Karst.**
Picea x lutzii down branch, S end Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13403
Picea x lutzii, Trail Lakes Cg, S. of Moose Pass, KP, Chugach NF, 1988,
 HHB-12407
Picea mariana stump, Tustamena L, 1989, HHB-12765
Picea sitchensis well-decayed log, Virgin Cr, Girdwood, 1990, HHB-13239
Tsuga heterophylla or *Picea sitchensis*, Trapp Bay, Chichagof I, Tongass NF, 1991,
 HHB-13682

* ***Coniophora olivacea* (Fr.:Fr.) Karst.**
Picea x lutzii dead root, S end Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13402
Picea x lutzii down, Trail Lakes Cg S. of Moose Pass, KP, 1988, HHB-12434
Picea x lutzii log, Three Rivers Cg, KP, 1989, HHB-12659
Picea mariana log, Mile 13 Denali NP Rd, 1990, HHB-13182
Tsuga heterophylla down trunk, Kadake Bay, Kuiu I, Tongass NF, 19901,
 HHB-13725
Tsuga mertensiana, E end Turnagain arm, Portage, 1990, HHB-13141

***Coniophora puteana* (Schum.:Fr.) Karst.**
Betula papyrifera, Eaglewood, Eagle River, 1989, HHB-12786
Picea glauca stump, Broadview GS, Kenai L, KP, Chugach NF, 1990, HHB-13336
Picea x lutzii log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13398

* ***Crepidotus phaseoliformis* Hesler et A.H. Smith**
Betula down twig, Oilwell Rd 5 mi E of Ninilchik, KP, 1989, HHB-12748-sp

***Crustoderma dryinum* (Berk. et Curt.) Parm.**
Picea glauca well-decayed log, Tebay L, Chugach Mt, 1990, HHB-13266

***Cylindrobasidium albulum* (Atk. et Burt) J. Erikss et Hjortst.**
Picea x lutzii down branch, S end Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13411

***Cylindrobasidium laeve* (Pers.:Fr.) Chamuris**
Populus tremuloides, Chugach St Park, Eagle River, 1989, HHB-12828-sp

***Cyphellopsis anomala* (Pers.:Fr.) Donk**

Alnus, Broadview GS, Kenai L, KP, Chugach NF, 1990, HHB-13341-sp,
HHB-13530

Populus trichocarpa log, Anchor Pt RecA, KP, 1991, HHB-14127

***Cytidia salicina* (Fr.) Burt**

Alnus sinuata down branch, Mendenhall Gl, Juneau, 1991, HHB-13823-T

Betula nana, Clarence L inlet, Upper Susitna R, 1990, HHB-13330-sp

Salix snag, Anchor Pt RecA, KP, 1991, HHB-14142, HHB-14138

*

***Dacrymyces chrysospermus* Berk. et Curt.**

Picea dead, Hope Rd at Seward Hwy, KP, 1989, HHB-12881-sp

Picea x lutzii log, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12732

***Dacrymyces deliquescens* (Bull.) Duby**

Picea sitchensis or *Tsuga heterophylla* old log, Trapp Bay, Chichagof I, Tongass
NF, 1991, HHB-13678

*

***Dacrymyces minor* Peck**

Betula, S shore Walker L, NW of Bettles, 1990, HHB-13309, HHB-13315

Picea sitchensis, dead branch of live tree, Sheep Cr Tr, S of Juneau, Tongass NF,
1991, HHB-13778

Pinus contorta var. *contorta*, N Douglas Hwy, Tongass NF, 1991, HHB-13818-sp

Populus trichocarpa Yankee Basin Tr, Tongass NF, 28 mi N of Juneau, 1991,
HHB-13952

*

***Dacrymyces tortus* Fr.**

Pinus contorta var. *contorta*, Eagle Crest Rd, Douglas I, Tongass NF, 1991,
HHB-13967

*

***Dendrothele incrustans* (Lemke) Lemke**

Tsuga mertensiana dead branches live tree, Johnson Pass Tr, Chugach NF, KP,
1990, HHB-13370

T. mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13136

T. mertensiana, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13368

***Diplomitoporus crustulinus* (Bres.) Dom.**

Picea log, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12734-sp

Tsuga heterophylla, Saook Bay, Baronov I, Tongass NF, 1991, HHB-13670

T. heterophylla well-decayed log, Thayer L, Admiralty I, Tongass NF, 1991,
HHB-13746

Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13161

***Diplomitoporus lindbladii* (Berk.) Gilbn. et Ryv.**

Picea x lutzii, Oilwell Rd, 5 mi E of Nhilchik, KP, 1989, HHB-12711-sp

Tsuga heterophylla log, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14025

***Echinodontium tinctorium* (Ell. et Ev.) Ell. et Ev.**

Tsuga, Hope Rd at Seward Hwy, KP, 1989, HHB-12866-T
Tsuga mertensiana live, E end Turnagain arm, Portage, 1990, HHB-13144
T. mertensiana, Trail Lakes Cg, S of Moose Pass, KP, 1988, HHB-12450,
 HHB-12451

* ***Encoelia furfuraceum* (Roth.:Pers.) Karst.**

Alnus, Broadview GS, Cooper Landing, Kenai L, KP, 1990, HHB-13347-sp

* ***Exidia repanda* Fr.**

Betula, S shore Walker L, NW of Bettles, 1990, HHB-13301, HHB-13304,
 HHB-13317

* ***Exidiopsis laccata* (Bourd. et Galz.) Luck-Allen**

Salix, Mendenhall Gl, Loop Tr, Juneau, 1991, HHB-13826

***Fibricium rude* (Karst.) Jülich**

Alnus dead, Broadview GS, KP, 1988, HHB-12445
Betula papyrifera log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13430
Populus tremuloides, Trail Lakes Cg, KP, 1988, HHB-12418

* ***Fibulomyces mutabilis* (Bres.) Jülich**

Picea glauca down tip, Denali NP HQ, 1990, HHB-13197
Picea x lutzii down branch, S end Johnson Pass Tr, Chugach N.F., KP, 1990,
 HHB-13428-sp

***Fomes fomentarius* (L.:Fr.) Kickx.**

Betula snag, Chugach St Park, Eagle River, 1989, HHB-12823

***Fomitopsis pinicola* (Swartz:Fr.) Karst.**

Tsuga heterophylla, base of live, Eagle Crest Rd, Douglas I, Tongass NF, 1991,
 HHB-13982
Tsuga heterophylla log, Fish Cr, Douglas I, Tongass NF, 1991, HHB-14032
Tsuga heterophylla or *Picea sitchensis* log, Lena Beach, Tongass NF, 1991,
 HHB-13999
Tsuga mertensiana snag, E end Turnagain arm, Portage, 1990, HHB-13140

* ***Galerina stylifera* (Atk.) A.H. Smith et Singer**

Betula papyrifera, Mile 60 Seward Highway, KP, 1989, HHB-12845-sp

***Ganoderma applanatum* (Pers.) Pat.**

Alnus sinuata dead, Gambier Bay, Admiralty I, Tongass NF, 1991, HHB-13720
Populus tremuloides live, Chugach St Park, Eagle River, 1989, HHB-12825
Tsuga heterophylla down trunk, Kadake Bay, Kuiu I, Tongass NF, 1991,
 HHB-13724

***Gloeocystidiellum citrinum* (Pers.) Donk**

Tsuga mertensiana well-decayed log, Virgin Cr, Girdwood, 1990, HHB-13234

* ***Gloeocystidiellum convolvens* (Karst.) Donk**

Betula nana?, Peters Cr Tr, Peters Cr, 1990, HHB-13108-sp
conifer, Oilwell Rd 4 mi E of Ninilchik, KP, 1989, HHB-12746A
Populus tremuloides, Elmendorf 1990, HHB-13075-sp

* ***Gloeocystidiellum furfuraceum* (Bres.) Donk**

Picea mariana stump, Tustamena L, KP, 1989, HHB-12759

***Gloeocystidiellum karstenii* (Bourd. et Galz.) Donk**

Populus tremuloides, Elmendorf 1990, HHB-13073-sp

***Gloeocystidiellum leucoanthum* (Bres.) Boid.**

Alnus, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14061
Alnus down, S of Peterson Cr, N of Girdwood, 1990, HHB-13259-sp
Alnus, N of Peterson Cr, S of Girdwood, 1990, HHB-13248
Alnus sinuata dead branch, Broadview GS, Kenai L, KP, Chugach NF, 1991,
HHB-14168
A. sinuata, Mendenhall Gl, Juneau, 1991, HHB-13871
Betula nana?, Peters Cr Tr, Peters Cr, 1990, HHB-13109
Populus trichocarpa branch, Anchor Pt RecA, Halibut Cg, KP, 1991, HHB-14125
Salix, Anchor Pt RecA, Halibut Cg, KP, 1991, HHB-14114
Salix dead branch, Tebay L, Chugach Mt, 1990, HHB-13281, HHB-13282-sp
Salix, Mile 13 Denali NP Rd, 1990, HHB-13166-sp

***Gloeocystidiellum luridum* (Bres.) Boid.**

Alnus? down branch, N of Peterson Cr, S of Girdwood, 1990, HHB-13261

***Gloeophyllum sepiarium* (Wulff.:Fr.) Karst.**

Picea log, Mile 40 Sterling Hwy, KP, 1989, HHB-12626-sp
Picea x lutzii, Cooper Cr Cg, Cooper Lnd, KP, 1991, HHB-14159-T
Picea mariana log, Tustamena L, KP, 1989, HHB-12768

***Grandinia abieticola* (Bourd. et Galz.) Jülich**

Betula papyrifera log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13394
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13150

* ***Grandinia alienata* (Parm.) Jülich**

Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13067
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13164

*#@ ***Grandinia altaica* Parm. (Jülich)**

Betula down branch, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12746
Betula papyrifera log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13388

* ***Grandinia alutacea* (Fr.) Jülich**

Picea glauca, Elmendorf AFB, Anchorage, 1990, HHB-13087-sp

* ***Grandinia alutaria* (Burt) Jülich**

Betula down branch, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12745

Picea log, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14081

Picea x lutzii log, Mile 40 Sterling Hwy, KP, 1989, HHB-12634

Picea x lutzii, yellow stringy rot, Cooper Cr Cg, Cooper Lnd, KP, 1991,

HHB-14161

Sambucus callicarpa, Mendenhall GI, Juneau, 1991, HHB-13839

* ***Grandinia arguta* (Fr.) Jülich**

Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13114

Betula log, Hope Rd at Seward Hwy, KP, 1989, HHB-12873-sp, HHB-12873-T

Picea sitchensis down, Mendenhall GI, W GI Tr, 1991, HHB-13911

P. sitchensis log, Mile 60 Seward Hwy, KP, 1989, HHB-12681

P. sitchensis well-decayed log, Glass Pen. near Twin Pt, Admiralty I, Tongass NF, 1991, HHB-13710

Salix dead branch, Mile 40 Sterling Hwy, KP, 1989, HHB-12633

Salix, Millers Camp N of Eagle, Yukon R, 1990, HHB-13292

***Grandinia aspera* (Fr.) Jülich = *Grandinia granulosa* (Pers.:Fr.) Jülich**

Alnus sinuata log, Mendenhall GI, W Glacier Tr, Juneau, 1991, HHB-13907

Picea x lutzii log, Mile 60 Seward Hwy, KP, 1989, HHB-12850

Picea x lutzii log, Mile 40 Sterling Hwy, KP, 1989, HHB-12625

Picea x lutzii, Trail Lakes Cg, S of Moose Pass, KP, 1988, HHB-12413,

HHB-12415

Picea mariana stump, Tustamena L, KP, 1989, HHB-12770

Picea sitchensis down branches, Mendenhall GI, W Glacier Tr, 1991, HHB-13903

P. sitchensis, Mile 12 Seward Hwy, KP, 1988, HHB-12478

Salix stump, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14086

Tsuga heterophylla, bark of wet log, Security Bay, Kuiu I, Tongass NF, 1991,

HHB-13727

T. heterophylla branch, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14015

T. heterophylla fallen branch, Kadake Bay, Kuiu I, Tongass NF, 1991, HHB-13723

T. heterophylla log, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14040

T. heterophylla, small diam snag, Mendenhall GI, Juneau, 1991, HHB-13845

T. heterophylla, Switzer Tr, Juneau, 1991, HHB-13886

Tsuga heterophylla or *Picea sitchensis* log, Fish Cr Tr, Douglas I, Tongass NF,

1991, HHB-14051

Vaccinium down branch, Mile 12 N Douglas Hwy, Tongass NF, 1991, HHB-13813

* ***Grandinia barba-jovis* (Bull.:Fr.) Jülich**

Alnus down trunk, S. end of Johnson Pass Tr, Chugach NF, KP, 1990,

HHB-13416-sp

Alnus sinuata or *Salix*, Mendenhall GI, Loop Tr, Juneau, 1991, HHB-13834 --->

Alnus sinuata stump, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13788
Betula log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13393
Betula papyrifera, S end Johnson Pass Tr, Chugach NF, 1990, HHB-13412
Populus trichocarpa, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991,
 HHB-13954
Salix sp?, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14069

* ***Grandinia breviseta* (Karst.) Jülich**

Alnus sinuata, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14006-sp
Picea x lutzii log, Three Rive Cg, KP, 1989, HHB-12655
Picea sitchensis dead branch, Mendenhall Gl, W Glacier Tr, Juneau, 1991,
 HHB-13895, HHB-13898
Tsuga heterophylla down branch, Security Bay, Kuiu I, Tongass NF, 1991,
 HHB-13728
T. heterophylla snag, Spaulding Tr Auke Bay, Tongass NF, 1991, HHB-14019
T. heterophylla or *P. sitchensis* log, Mendenhall Gl, Loop Tr, Juneau, 1991,
 HHB-13849
T. heterophylla or *P. sitchensis* log, Lena Beach, Tongass NF, 1991, HHB-13988
Vaccinium, Mile 12 N Douglas Hwy, Tongass NF, 1991, HHB-13809

*#@ ***Grandinia cineracea* (Bourd. et Galz.) Jülich**

Picea log & *Veluticeps*, Broadview GS, Kenai L, KP, Chugach NF, 1991,
 HHB-14091
Vaccinium, Mile 12 N Douglas Hwy, Douglas I, Tongass NF, 1991, HHB-13810

***Grandinia crustosa* (Fr.) J. Erikss.**

Alnus, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14066, HHB-14089,
 HHB-14094
Alnus down branch, N of Peterson Cr, S of Girdwood, 1990, HHB-13252
Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13100-sp, HHB-13103
Betula papyrifera down branch, S. end Johnson Pass Tr, Chugach NF, 1990,
 HHB-13392-SP
Salix, Mile 13 Denali NP Rd, 1990, HHB-13173-sp
Salix trunk dead, Tebay L, Chugach Mt, 1990, HHB-13280
Salix?, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14071

* ***Grandinia floccosa* (Bourd. et Galz.) Jülich**

Picea log, 4 mi E of Ninilchik, KP, 1989, HHB-12716-sp

* ***Grandinia pallidula* (Bres.) Jülich**

Tsuga heterophylla log, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14046-sp

* ***Grandinia pruni* (Lasch) Jülich**

Alnus, McHugh Cr Wayside, Chugach St Park Anchorage, 1990, HHB-13095-sp
Oplopanax horridus, Lena Beach, Tongass NF, 1991, HHB-13991
Pinus contorta var. *contorta*, John Muir Cabin, Auke Bay, Tongass NF, 1991,
 HHB-14009

***Grandinia quercina* (Fr.) J. Erikss.**

Alnus, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14062
Alnus down branch, N of Peterson Cr, S of Girdwood, 1990, HHB-13251
Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13097-sp, HHB-13104-sp,
 HHB-13117-SP
Betula nana, Clarence L Inlet, NW of L 1990, HHB-13326-sp
Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13079
Tsuga mertensiana, dead branch live tree, Johnson Pass Tr, Chugach NF, KP,
 1990, HHB-13372

* ***Grandinia spathulata* (Schrad.:Fr.) Jülich**

Populus trichocarpa, Broadview GS Kenai L Cooper Landing, KP, 1990,
 HHB-13335

* ***Grandinia subalutacea* (Karst.) Jülich**

Alnus sinuata, well-decayed log, Pavlof Harbor, Chichagof I, Tongass NF, 1991,
 HHB-13752
Picea x lutzii trunk, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13424
Tsuga heterophylla down branch, Murder Cove, S tip Admiralty I, Tongass NF,
 1991, HHB-13732

***Hapalopilus nidulans* (Fr.) Karst.**

Alnus, N of Peterson Cr, S of Girdwood, 1990, HHB-13246-sp

* ***Hapalopilus salmonicolor* (Berk. et Curt.) Pouz.**

Picea x lutzii, Oilwell Rd 5 mi E of Ninilchik, KP, 1989, HHB-12714-sp

***Hericium ramosum* (Bull.ex Mérat) Letell.**

Betula papyrifera, wounded live tree, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989,
 HHB-12735-sp
Populus trichocarpa log, Exit Gl, near Seward, KP, 1989, HHB-12700-sp

* ***Heteroporus biennis* (Bull.:Fr.) Laz.**

conifer stump, unknown, near Juneau, 1991, HHB-13856

***Heterotextus luteus* (Bres.) McNabb**

Picea sitchensis, N of Peterson Cr S of Girdwood, 1990, HHB-13255
Picea sitchensis or *Tsuga mertensiana* down twig, Virgin Cr, Girdwood, 1990,
 HHB-13243-sp cont'd ---- >

Tsuga heterophylla down branch, Mile 12 N Douglas Hwy, Tongass NF, 1991,
HHB-13812

T. heterophylla down twigs, Trapp Bay, Chichagof I, Tongass NF, 1991,
HHB-13680

***Hygrophoropsis aurantiaca* (Wulf.:Fr.) Maire**

soil and brown-rotted wood, Chugach St Park, Eagle River, 1989, HHB-12841-T

***Hymenochaete tabacina* (Sow.:Fr.) Lév.**

Salix, Mile 40 Sterling Hwy, KP, 1989, HHB-12628-sp

* ***Hyphoderma argillaceum* (Bres.) Donk**

Tsuga heterophylla or *Picea sitchensis* log, Yankee Basin Tr, N of Juneau, Tongass
NF, 1991, HHB-13932

* ***Hyphoderma litschaueri* (Burt) J. Erikss. et Strid**

Betula shrub, Tebay L, Chugach Mt, 1990, HHB-13269-sp

* ***Hyphoderma medioburiense* (Burt) Donk**

Hardwood, E end Turnagain Arm, Portage, 1990, HHB-13126

* ***Hyphoderma obtusifforme* J. Erikss. et Strid**

Alnus down branch, S end of Johnson Pass Tr, Chugach NF, KP, 1990,
HHB-13415-sp

Salix debris, Mile 13 Denali NP Rd, 1990, HHB-13177-sp

* ***Hyphoderma praetermissum* (Karst) J. Erikss. et Strid**

Alnus sinuata, Mole Harbor, Admiralty I, Tongass NF, 1991, HHB-13715-sp

Picea mariana log, Mile 13 Denali NP Rd, 1990, HHB-13185

Picea sitchensis log, Anchor Pt RecA, KP, 1991, HHB-14119

Populus tremuloides log, Denali NP, 1990, HHB-13206

Tsuga heterophylla or *Picea sitchensis* log, Yankee Basin Tr, N of Juneau, Tongass
NF, 1991, HHB-13946

* ***Hyphoderma sambuci* (Pers.) Jülich**

Picea x lutzii, Trail Lakes Cg, S of Moose Pass, KP, 1988, HHB-12425

Picea sitchensis down branch, Mendenhall Gl, W Glacier Tr, Juneau, 1991,
HHB-13906

Populus trichocarpa log, Anchor Pt RecA, KP, 1991, HHB-14126

Salix?, Millers Camp N of Eagle, Yukon R, 1990, HHB-13290-sp

Sambucus callicarpa, Gambier Bay, Admiralty I, Tongass NF, 1991, HHB-13716,
HHB-13719

S. callicarpa, Lena Beach, Tongass NF, 1991, HHB-13993, HHB-13998

S. callicarpa, Mendenhall Gl, Loop Tr, Juneau, 1991, HHB-13853, HHB-13830

S. callicarpa, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13784, 13796

S. callicarpa, Stariski St RecA, 20 mi N of Homer, KP, 1991, HHB-14099

***Hyphoderma setigerum* (Fr.) Donk**

Alnus, McHugh Cr Wayside, Chugach St Park, 1990, HHB-13091-sp, HHB-13093

Alnus sinuata down, Pavlof Harbor, Chichagof I, Tongass NF, 1991,
HHB-13754-sp

A. sinuata, Mendenhall GI, Juneau, 1991, HHB-13828

Betula papyrifera down branch, S end Johnson Pass Tr, Chugach NF, KP, 1990,
HHB-13383

Betula, S shore Walker L, NW of Bettles, 1990, HHB-13308

Betula standing snag, Broadview GS, Kenai L, Chugach NF, 1991, HHB-14088

Sambucus callicarpa, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13786

*

***Hyphoderma sibiricum* (Parm.) J. Erikss. et Strid**

Picea x lutzii log, Mile 40 Sterling Hwy, KP, 1989, HHB-12636-sp

Salix, Millers Camp, N of Eagle, Yukon R, 1990, HHB-13289-sp

Tsuga heterophylla log, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14041

*#@

***Hyphoderma subdefinitum* J. Erikss. et Strid**

Picea mariana stump, Tustamena L, KP, 1989, HHB-12755-sp

*

***Hyphodermella corrugata* (Fr.) J. Erikss. et Ryv.**

Alnus, Millers Camp, M of Eagle, Yukon R, 1990, HHB-13284-sp, 13287-sp

***Hypholoma sublateritium* (Fr.) Quél.**

Betula papyrifera log, Three Rivers Cg, KP, 1989, HHB-12658

***Hypochnicium bombycinum* (Sommerf.:Fr.) J. Erikss.**

Alnus sinuata or *Populus trichocarpa*, Mendenhall GI, Juneau, 1991, HHB-13873

Alnus, Taku Harbor, Tongass NF, 1991, HHB-13689

Salix, dead branch, big tree, Mile 40 Sterling Hwy, KP, 1989, HHB-12631-sp

*

***Hypochnicium detriticum* (Bourd. et Galz.) J. Erikss. et Ryv.**

Picea sitchensis down, Port Frederick near Halibut I, Chichagof I, Tongass NF,
1991, HHB-13771

Populus trichocarpa down branch, Anchor Pt RecA, KP, 1991, HHB-14134

*

***Hypochnicium eichleri* (Bres.) J. Erikss. et Ryv.**

Betula log, Anchor Pt RecA, Anchor Pt, KP, 1991, HHB-14112

*

***Hypochnicium lundellii* (Bourd.) J. Erikss.**

Picea x lutzii log, Mile 60 Seward Hwy, KP, 1989, HHB-12847

*

***Hypochnicium polonense* (Bres.) Strid**

Alnus dead branch, Eaglewood, Eagle River, 1989, HHB-12802

Populus trichocarpa, Chugach St Park, Eagle River, 1989, HHB-12839

* ***Hypochnicium sphaerosporum* (v.Höhn. et Litsch.) J. Erikss.**

Picea x lutzii, Hope Rd at Seward Hwy, KP, , 1990, HHB-12870, HHB-12879
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13119

***Hypsizygus tessulatus* (Bull.:Fr.) Singer**

Betula kenaiaacu, Russian River Ferry, KP, 1988, HHB-12384

***Inonotus tomentosus* (Fr.) S.C. Teng**

Picea x lutzii, under, Russian River Ferry, KP, 1988, HHB-12371, HHB-13281
Picea x lutzii, Cooper Cr Canyon, Cooper Landing, KP, , HHB-14163-T

***Ischnoderma resinosum* (Fr.) Karst.**

Tsuga mertensiana log, Virgin Cr, Girdwood, 1990, HHB-13235

* ***Lachnella alboviolascens* (Alb. et Schw.:Fr.)Fr.**

Sambucus callicarpa, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13783

* ***Laeticorticium roseum* (Fr.) Donk**

Populus trichocarpa, Broadview GS, Kenai L, KP, 1991, HHB-14166

* ***Lentinellus omphalodes* (Fr.) Karst.**

Betula log, Mile 60 Seward Hwy, KP, 1989, HHB-12856
Salix, dead part live branch, Mile 40 Sterling Hwy, KP, 1989, HHB-12629-sp
Salix snag, Trail River Cg, KP, 1989, HHB-12664-sp
Salix snag, Tustamena L, KP, 1989, HHB-12760-sp

***Lentinellus ursinus* (Fr.) Kuhn.**

Populus trichocarpa, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12743

* ***Leptosporomyces galzinii* (Bourd.) Jülich**

Picea mariana, near Chandalar Cr, Porcupine R, 1990, HHB-13296

* ***Leptosporomyces raunkeri* (M.P. Christ.) Jülich**

Picea sitchensis well-decayed log, Port Frederick near Halibut I, Chichagof I, Tongass NF, 1991, HHB-13768

***Leucogyrophana mollusca* (Fr.) Parm.**

Picea glauca log, East Fork Cr at Seward 1988, HHB-12500
Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12367
Picea mariana log, Tustamena L, KP, 1989, HHB-12763, HHB-12767
Picea sitchensis well-decayed log, N of Peterson Cr, S of Girdwood, 1990, HHB-13260

* ***Leucogyrophana romellii* J. Ginns**

Picea x lutzii log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13399
Tsuga heterophylla log, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14043

* ***Lycoperdon perlatum* Pers.**

well-decayed wood, Mendenhall GI, Juneau, 1991, HHB-13860-sp

* ***Melzericium udicolum* (Bourd.) Hauerslev.**

Alnus sinuata, Mendenhall GI, Juneau, 1991, HHB-13837

Alnus, Taku Harbor, S of Juneau, Tongass NF, 1991, HHB-13688

Sambucus callicarpa, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13787

Tsuga mertensiana, down twigs, Virgin Cr, Girdwood, 1990, HHB-13212

* ***Merismodes fasciculatus* (Schw.) Donk**

Alnus, Broadview GS, Cooper Landing, Kenai L, KP, 1990, HHB-13342

* ***Odonticium romellii* (Lund.) Parm.**

Pinus contorta var. *contorta*?, N Douglas Hwy, Douglas I, Tongass NF, 1991,
HHB-13820

***Oxyporus corticola* (Fr.) Ryv.**

Picea, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12731-sp

***Paxillus involutus* (Batsch.:Fr.) Fr.**

Picea x lutzii stump, Three Rivers Cg, KP, 1989, HHB-12660

***Peniophora aurantiaca* (Bres.) v.Höhn. et Litsch.**

Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13096-sp

Alnus sinuata, dead branch live tree, Sheep Cr Tr, S of Juneau, Tongass NF, 1991,
HHB-13797

Betula down stem, Stariski St RecA, 20 mi N of Homer, KP, 1991, HHB-14105

Salix, dead, Mendenhall GI, Juneau, 1991, HHB-13821

* ***Peniophora cinerea* (Fr.) Cooke**

Betula, S shore of Walker L, NW of Bettles, 1990, HHB-13310-sp

***Peniophora incarnata* (Fr.) Karst.**

Alnus sinuata, Mendenhall GI, Juneau, 1991, HHB-13857

* ***Peniophora nuda* (Fr.) Bres.**

Betula, S shore of Walker L, NW of Bettles, 1990, HHB-13305-sp

***Peniophora polygonia* (Fr.) Bourd. et Galz.**

Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13057-sp,
HHB-13061-sp

P. tremuloides, S shore Walker L, NW of Bettles, 1990, HHB-13300

P. tremuloides snag, Broadview GS, Kenai L, Chugach NF, 1991, HHB-14080

***Peniophora violaceolivida* (Sommerf.) Masee**

Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13116-sp

* ***Perenniporia tenuis* (Schw.) Ryv. var. *tenuis* (Schw.) Ryv.**

Populus trichocarpa snag, Yankee Basin Tr, N of Juneau, Tongass NF, 1991, HHB-13953

* ***Phanerochaete burtii* (Rom.) Parm.**

Alnus, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14065

***Phanerochaete gigantea* (Fr.:Fr.) Rattan**

Picea x lutzii log, Trail Rivers Cg, KP, 1989, HHB-12652-sp

Picea sitchensis, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991, HHB-13950

***Phanerochaete laevis* (Pers.:Fr.) J. Erikss.**

Picea sitchensis, well-decayed log, Mendenhall Gl, Juneau, 1991, HHB-13866

* ***Phanerochaete rimosa* (Cooke) Burds.**

Oplopanax horridus, Lena Beach, Tongass NF, 1991, HHB-13992-sp

* ***Phanerochaete sanguinea* (Fr.) Pouz.**

Tsuga heterophylla or *Picea sitchensis* log, Switzer Tr, Juneau, 1991, HHB-13883

***Phanerochaete sordida* (Karst.) J. Erikss. et Ryv.**

Alnus, Millers Camp north of Eagle, Yukon R, 1990, HHB-13285, HHB-13288-sp

Betula papyrifera log, Eaglewood, Eagle River, 1989, HHB-12793-sp

Picea x lutzii, Mile 60 Seward Hwy, KP, 1989, HHB-12852-sp

Picea sitchensis well-decayed log, Pavlov Harbor, Chichagof I, Tongass NF, 1991, HHB-13753

Populus tremuloides, Elmendorf AFB, 1990, HHB-13076-sp, HHB-13078-sp

P. tremuloides log, Denali NP, 1990, HHB-13207-sp

* ***Phanerochaete velutina* (DC.:Fr.) Karst.**

Alnus log, Broadview GS, Kenai L, Chugach NF, 1991, HHB-14095

Populus tremuloides, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14167

***Phellinus chrysoloma* (Fr.) Donk**

Picea mariana down trunk, Tustamena L, KP, 1989, HHB-12766-sp

***Phellinus ferreus* (Pers.) Bourd. et Galz.**

Alnus, Broadview GS, Kenai L, KP, Cooper Lnd, 1988, HHB-12442; 1990, HHB-13345

Alnus down branch, Virgin Cr, Girdwood, 1990, HHB-13241

Alnus sinuata log, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13782

Betula papyrifera log, Eaglewood, Eagle River, 1989, HHB-12783-sp

Picea x lutzii log, Trail River Cg, KP, 1989, HHE-12650

Picea x lutzii, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13359

Picea sitchensis? log, Aukenu Tr, Tongass NF, 1991, HHB-14014 cont'd ---->

Tsuga mertensiana, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13373
Vaccinium, Mile 12 N Douglas Hwy, Douglas I, Tongass NF, 1991, HHB-13811

***Phellinus igniarius* (L.:Fr.) Quél.**

Alnus snag, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14077
Betula live, Broadview GS Kenai L, KP, Chugach NF, 1991, HHB-14067
Betula papyrifera live, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13377
B. papyrifera live, Russian River Ferry, KP, 1988, HHB-12401
B. papyrifera, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12726-sp
Betula papyrifera var. *Kenaica*, Mile 40 Sterling Hwy, KP, 1989, HHB-12617-T
Betula stump, Trail Lakes Cg, S of Moose Pass, KP, 1988, HHB-12423

* ***Phellinus laevigatus* (Fr.) Bourd. et Galz.**

Alnus sinuata, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13794
Betula papyrifera log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13389
Betula, Peters Cr Tr, Peters Cr, 1990, HHB-13111-sp

***Phellinus nigrolimitatus* (Rom.) Bourd. et Galz.**

Salix? log, Tebay L, Chugach Mt, HHB-13277
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13159

***Phellinus pini* (Brot.:Fr.) A. Ames**

Tsuga heterophylla live, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14038
T. heterophylla log, recently fallen, Fish Cr Tr, Douglas I, Tongass NF, 1991,
 HHB-14034
T. heterophylla snag, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14035
Tsuga heterophylla, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14059
T. mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13125
T. mertensiana log, Virgin Cr, Girdwood, 1990, HHB-13240

***Phellinus viricola* (Schw.:Fr.) Donk**

Alnus, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14063, HHB-14098
Alnus, down well-decayed log, N of Peterson Cr, S of Girdwood, 1990,
 HHB-13250
Alnus, McHugh Cr Wayside, Chugach St Park, Anchorage, 1990, HHB-13092
Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13098
Alnus snag, N of Peterson Cr, S of Girdwood, 1990, HHB-13249
Betula stump, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14068
Picea mariana log, Tustamena L, KP, 1989, HHB-12761

*#@ ***Phlebia firma* J. Erikss. et Hjortst.**

Picea sitchensis, Virgin Cr, Girdwood, 1990, HHB-13210-sp

* ***Phlebia lilascens* (Bourd.) J. Erikss. et Hjortst.**

Picea sitchensis log, Mile 10 Seward Hwy, 1989, HHB-12679-sp

- *#@ ***Phlebia lindtneri* (Pilát) Parm.**
Salix, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14073
- * ***Phlebia subserialis* (Bourd. et Galz.) Donk**
Picea glauca, Chugach St Park, Eagle 1989, HHB-12837-sp
- * ***Phlebiella christiansenii* (Parm.) Larss. et Hjortst.**
Tsuga mertensiana, E end Turnagain arm, Portage, 1990, HHB-13149
- *#@ ***Phlebiella fibrillosa* (Hallenb.) Larss. et Hjortst.**
Picea x lutzii down branch, S end Johnson Pass Ti, Chugach NF, KP, 1990,
 HHB-13409
- * ***Phlebiella grisella* (Bourd.) Larss. et Hjortst.**
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13124
- *# ***Phlebiella insperata* (Jacks.) Ginns et Lefebvre**
Picea x lutzii down branch, S end Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13410
- * ***Phlebiella pseudotsugae* (Burt) Larss. et Hjortst.**
Tsuga heterophylla log, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14022
- Phlebiella vaga* (Fr.) Karst.**
Alnus log well-decayed log, N of Peterson Cr, S of Girdwood, 1990, HHB-13262
Betula log, Hope Rd at Seward Hwy, KP, 1989, HHB-12872
Betula nana, Clarence L Inlet, NW of L Louise, 1990, HHB-13325
Picea x lutzii log, well-decayed log, Three Rivers Cg, KP, 1989, HHB-12666
Picea x lutzii log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13379
Picea x lutzii, Trail Lakes Cg, S of Moose Pass, KP, 1988, HHB-12422
Picea mariana stump, Tustamena L, KP, 1989, HHB-12754
Pinus contorta var. *contorta*, Eagle Crest Rd Douglas I, Tongass NF, 1991,
 HHB-13969
Tsuga heterophylla down, Patterson Bay, Chichagof I, Tongass NF, 1991,
 HHB-13759
T. heterophylla down branch, Murder Cove, S tip Admiralty I, Tongass NF, 1991,
 HHB-13734
T. heterophylla? log, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991,
 HHB-13925
- * ***Pholiota albocrenulata* (Peck) Sacc.**
Betula live tree, Oilwell Rd, 4 mi E of 1989, HHB-12749-sp
- * ***Pholiota alnicola* (Fr.) Singer**
Betula papyrifera snag, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12736-T

* ***Pholiota curvipes* (Fr.) Quél.**

Betula papyrifera, base of live, Trail River Cg, KP, 1989, HHB-12648A-sp

* ***Pholiota limonella* (Peck) Sacc.**

Betula papyrifera base, Eaglewood, Eagle River, 1989, HHB-12811-sp

B. papyrifera, K Reynolds home, Eagle River, 1989, HHB-11272-T

B. papyrifera live, near Keith Reynolds' home, Eagle River, 1989, HHB-12648

B. papyrifera stump, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12721-sp

* ***Pholiota rigidipes* Peck**

Betula papyrifera snag, Oilwell Rd 4 mi E of Ninilchik, KP, 1989,

HHB-12777-SP-T

* ***Pholiota squarrosa* (Fr.) Kummer**

Betula papyrifera snag, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989,

HHB-12737-sp-T

* ***Pholiota terrestris* Overh.**

near *Picea x lutzii*, Roadside near Cooper Cr Cg, KP, 1988, HHB-12404

Soil near *Alnus* and *Picea*, Three Rivers Cg, KP, 1989, HHB-12668-sp-T

* ***Piloderma bicolor* (Peck) Jülich**

Picea x lutzii dead root, S end Johnson Pass Tr, Chugach NF, KP, 1990,

HHB-13421

Picea x lutzii stump, well-decayed/burned, Mile 40 Sterling Hwy, KP, 1989,

HHB-12619

Picea mariana log, Tustamena L, KP, 1989, HHB-12753, HHB-12764

Salix low branch, Elmendorf AFB, Anchorage, 1990, HHB-13059

Tsuga mertensiana, E. end Turnagain Arm, Portage, 1990, HHB-13143

***Pleurocybella porrigens* (Pers.:Fr) Singer**

Picea sitchensis down, Exit Gl, near Seward, KP, 1989, HHB-12699-T

P. sitchensis log, Golden Fin L, N of Seward, KP, 1988, HHB-12462

***Pleurotus ostreatus* (Jacq.:Fr.) Quél.**

Betula, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989, HHB-12750-sp

Populus tremuloides stump, Eaglewood, Eagle 1989, HHB-12797-T

***Plicatura nivea* (Fr.) Karst.**

Alnus, Russian River Ferry, KP, 1988, HHB-12406-sp

Alnus, Eaglewood, Eagle River, 1989, HHB-12782

***Plicaturopsis crispa* (Fr.) Reid**

Betula papyrifera down branch, Eaglewood, Eagle River, 1989, HHB-12787

* ***Polyporus brumalis* Pers.:Fr.**

Betula, Oilwell Rd 4 mi E of Ninilchik, KP, 1989, HHB-12725-sp

***Polyporus elegans* Bull.:Fr.**

Alnus sinuata stump, Mendenhall Gl, Juneau, 1991, HHB-13854, HHB-13877

Salix ?, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14072-sp

***Polyporus melanopus* Fr.**

Picea sitchensis roots, Mendenhall GI, Juneau, 1991, HHB-13864

***Polyporus varius* Fr.**

Alnus, Broadview GS, Cooper Lnd, Kenai L, KP, 1990, HHB-13355-sp

Alnus sinuata, Trap Bay, Chichagof I, Tongass NF, 1991, HHB-13674-T

Salix trunk, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14084

***Postia caesia* (Schrad.:Fr.) Karst.**

Alnus sinuata down branch, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991, HHB-13941

Picea glauca, Chugach St Park, Eagle River, 1989, HHB-12815

Picea x lutzii, Broadview GS, KP, 1988, HHB-12443

Populus tremuloides dead trunk, Eaglewood, Eagle River, 1989, HHB-12805

Tsuga heterophylla down branch, Murder Cove, Admiralty I, Tongass NF, 1991, HHB-13735

T. heterophylla, Mendenhall Gl, Loop Tr, Juneau, 1991, HHB-13844

***Postia fragilis* (Fr.) Jülich**

Picea x lutzii log, Three Rivers Cg, KP, 1989, HHB-12654-T

Tsuga, Hope Rd at Seward Hwy, KP, 1989, HHB-12877-T

***Postia mappa* (Overh. et Lowe) M.J. Larsen et Lombard**

Picea glauca, Elmendorf AFB, Anchorage, 1990, HHB-13070-sp

* ***Postia perdelicata* (Murr.) M.J. Larsen et Lombard**

Alnus sinuata log, Mendenhall GI, Juneau, 1991, HHB-13868-T

A. sinuata well-decayed log, Sheep Cr Tr, S of Juneau, Tongass NF, 1991, HHB-13781

Betula branch, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14078-T

Betula snag, Eaglewood, Eagle River, 1989, HHB-12809-T

* ***Postia stiptica* (Pers.:Fr.) Jülich**

Tsuga heterophylla scar live tree, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14031-T

* ***Postia undosa* (Peck) Jülich**

Picea x lutzii down, Trail Lakes Cg, KP, 1988, HHB-12411

***Pseudohydnum gelatinosum* (Scop.:Fr.) Karst.**

Picea sitchensis and *Populus trichocarpa*, Exit Gl, near Seward, 1989, HHB-12683

* ***Pseudomerulius aureus* (Fr.) Jülich**

Tsuga heterophylla or *Picea sitchensis* log, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14027-sp

* ***Pseudotomentella humicola* M.J. Larsen**

Alnus trunk well-decayed, N of Peterson Cr, S of Girdwood, 1990, HHB-13263

***Pycnoporellus alboluteus* (Ell. et Ev.) Kotl. et Pouz.**

Picea glauca log, Chugach St Park, Eagle River, 1989, HHB-12816-sp

Picea sitchensis well-decayed log, Mile 12 Seward Hwy, KP, 1988, HHB-12490

* ***Ramaricium flavomarginatum* (Burt) Ginns**

Picea sitchensis log, Exit Gl, near Seward, 1989, HHB-12690-sp

* ***Resinicium bicolor* (Fr.) Parm.**

Oplomanax horridus, Lena Beach, Tongass NF, 1991, HHB-13995

* ***Resinicium furfuraceum* (Bres.) Parm.**

Picea x lutzii log, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13381

Picea sitchensis or *Tsuga heterophylla* log, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14008

P. sitchensis or *T. heterophylla*, Aukenu Tr, Chugach NF, 1991, HHB-14013

Picea sitchensis, Saook Bay, Baronov I, Tongass NF, 1991, HHB-13671

Tsuga heterophylla log, Mile 12 N Douglas Hwy, Douglas I, Tongass NF, 1991, HHB-13802, HHB-13803

T. heterophylla stump, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14018

T. heterophylla or *P. sitchensis* log, Spaulding Tr, Auke Bay, Tongass NF, 1991, HHB-14007

***Rigidoporus crocatus* (Pat.) Ryv.**

Picea sitchensis log, Lena Beach, Tongass NF, 1991, HHB-14000

Tsuga heterophylla, Port Alexander, Mitkof I, 1991, HHB-13692

* ***Schizopora paradoxa* (Fr.) Donk**

Alnus dead branches, Eaglewood, Eagle River, 1989, HHB-12803-sp

Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13101-sp

Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13071

***Sebacina cinerea* Bres.**

Alnus sinuata down, Cooper Cr Cg, Cooper Lnd, KP, 1991, HHB-14150

* ***Sistotrema brinkmannii* (Bres.) J. Erikss.**

Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12372

*# ***Sistotrema farinacea* Hallenb.**

Alnus sinuata twig, Pavlov Harbor, Chichagof I, Tongass NF, 1991, HHB-13755-sp
Pinus contorta var. *contorta*, Eagle Crest Rd Douglas I, Tongass NF, 1991,
 HHB-13964

***Sistotrema muscicola* (Pers.) Lundell**

Tsuga heterophylla log, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991,
 HHB-13947
T. heterophylla or *Picea sitchensis* log, Yankee Basin Tr, N of Juneau, Tongass NF,
 1991, HHB-13937

*# ***Sistotrema oblongisporum* M.P. Christ. et Hauersl.**

Betula papyrifera log, S end Johnson Pass Tr, Chugach N.F. KP, 1990,
 HHB-13426-sp
Picea sitchensis? stump, Yankee Basin Tr, Tongass NF, 1991, HHB-13931

*# ***Sistotrema porulosum* Hallenb.**

Alnus sinuata, Mendenhall Gl, Juneau, 1991, HHB-13858

* ***Sphaerobasidium minutum* (J. Erikss.) Oberw.:Jülich**

Tsuga heterophylla log, Switzer Cr, Juneau, 1991, HHB-13884

* ***Steccherinum fimbriatum* (Pers.:Fr.) Liberta**

Ainus sinuata, Cooper Cr Cg, Cooper Lnd, KP, 1991, HHB-14149

***Steccherinum ochraceum* (Pers. apud Gmel.:Fr.) S.F. Gray**

Populus tremuloides down branch, Denali NP, 1990, HHB-13202-sp
Populus trichocarpa, Peters Cr Tr, Peters Cr, 1990, HHB-13110-sp

***Stereum rugosum* (Pers.:Fr.) Fr.**

Alnus, Eaglewood, Eagle River, 1989, HHB-12781
Alnus, Peters Cr Tr, Peters Cr, 1990, HHB-13113-sp
Alnus snag, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13390-sp
Alnus sinuata, dead branch live tree, Stariski St RecA, N of Homer, KP, 1991,
 HHB-14101
A. sinuata, Mendenhall Gl, Juneau, 1991, HHB-13852
Betula nana, Clarence L inlet, NW of L Louise, 1990, HHB-13324
Betula, S shore Walker L, NW of Bettles, 1990, HHB-13303-sp
Betula twigs, Mile 40 Seward Hwy, KP, 1989, HHB-12635
Salix down branch, Broadview GS, KP, Chugach NF, 1991, HHB-14083
Vaccinium down branch, Mile 12 N Douglas Hwy, Tongass NF, 1991, HHB-13816

***Stereum sanguinolentum* (Alb. et Schw.:Fr.) Fr.**

Picea glauca down tip, Denali NP, 1990, HHB-13196-sp
Picea x lutzii stump, Three Rivers 1989, HHB-12656-sp
Picea sitchensis log, Mendenhall Gl, W Glacier Tr, Juneau, 1991, HHB-13910-sp -->

- P. sitchensis* log off ground, N of Peterson Cr, S of Girdwood, 1990, HHB-13257
P. sitchensis log, Exit GI, near Seward, KP, 1989, HHB-12688-sp
P. sitchensis, wound of dead standing, Lena Beach, Tongass NF, 1991, HHB-13983
Tsuga heterophylla, live, porcupine scarred, Port Alexander, Mitkof I, Tongass NF, 1991, HHB-13693
Tsuga, Hope Rd at Seward Hwy, KP, 1989, HHB-12865-sp, HHB-12869
Tsuga mertensiana dead branch of live tree, Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13371-sp, HHB-13376-sp

* ***Subulicystidium longisporium* (Pat.) Parm.**

- Alnus sinuata*, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14056
Alnus sinuata, Mendenhall Gl, Juneau, 1991, HHB-13870
Tsuga heterophylla down bark, Mendenhall GI, Juneau, 1991, HHB-13846

***Thelephora terrestris* Fr.**

- Picea* stump, well-decayed, Trail R Cg, KP, 1989, HHB-12651
Tsuga heterophylla, sphagnum under, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14036

* ***Tomentella bryophila* (Pers.) M.J. Larsen**

- Picea glauca*, Broadview GS, Kenai L, KP, Chugach NF, 1990, HHB-13350
Picea sitchensis log, Yankee Basin Tr, 28 mi N of Juneau, Tongass NF, 1991, HHB-13921

* ***Tomentella ramosissima* (Berk. et Curt.) Wakef.**

- Tsuga heterophylla* or *Picea sitchensis*, Mole Harbor, Admiralty I, Tongass NF, 1991, HHB-13714

*# ***Tomentella subalpina* M.J. Larsen**

- Populus*, well-decayed log, Cooper Cr Cg, Cooper Landing, , 1991, HHB-14151

* ***Tomentella umbrinospora* M.J. Larsen**

- Betula* log, Hope Rd at Seward Hwy, KP, 1989, HHB-12875-sp

* ***Tomentellopsis echinospora* (Ell.) Hjortst.**

- Picea x lutzii*, Russian River Ferry, KP, 1988, HHB-12368

* ***Trametes cervina* (Schw.) Bres.**

- Picea glauca*, Broadview GS, Cooper Lnd, Kenai L, KP, 1990, HHB-13353-sp
Picea x lutzii, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13358-sp

***Trametes hirsuta* (Wulff.:Fr.) Pilát**

- Betula papyrifera*, Eaglewood, Eagle River, 1989, HHB-12790

***Trametes ochracea* (Pers.) Gilbn. et Ryv.**

- Populus tremuloides* log, Tustamena L, KP, 1989, HHB-12758

***Trametes pubescens* (Schum.:Fr.) Pilát**

Betula papyrifera down branch, Johnson Pass Tr, Chugach NF, KP, 1990,
HHB-13429-sp

***Trametes suaveolens* L.:Fr.**

Populus log, 1609 Eagle River Rd, Eagle 1991, HHB-14170-T
P. trichocarpa, Chugach St Park, Eagle River, 1989, HHB-12827, HHB-12840-T

***Trametes trogii* Berk.**

Picea glauca, East Fork Cr at Seward 1988, HHB-12505

***Trechispora confinis* (Bourd. et Galz.) Liberta**

Populus tremuloides, Elmendorf AFB, Anchorage, 1990, HHB-13062-sp

*** *Trechispora farinacea* (Pers.:Fr.) Liberta**

Picea x lutzii dead roots, S end Johnson Pass Tr, Chugach NF, KP, 1990,
HHB-13422
Picea sitchensis well-decayed log, Hood Bay, W side Admiralty I, Tongass NF,
1991, HHB-13740
Tsuga heterophylla down log, Fish Cr Tr, Douglas I, Tongass NF, 1991,
HHB-14042
T. heterophylla or *P. sitchensis* log, Lena Beach, Tongass NF, 1991, HHB-13986

*** *Trechispora microspora* (Karst.) Liberta**

Picea x lutzii, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13366,
HHB-13395
Tsuga mertensiana? log, Virgin Cr, Girdwood, 1990, HHB-13229

***Trechispora mollusca* (Pers.:Fr.) Liberta**

Picea sitchensis log, Virgin Cr, Girdwood, 1990, HHB-13226
P. sitchensis, Todd, Chichagof I, Tongass NF, 1991, HHB-13667
Tsuga heterophylla or *P. sitchensis* log, Lena Beach, Tongass NF, 1991,
HHB-13996

***# *Trechispora stellulata* (Bourd. et Galz.) Liberta**

Betula log, Broadview GS, Kenai L, KP, Chugach NF, 1991, HHB-14079
Picea x lutzii, S end Johnson Pass Tr, Chugach NF, KP, 1990, HHB-13361
Tsuga heterophylla or *Picea sitchensis* log, Lena Beach, Tongass NF, 1991,
HHB-13989
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13121

*** *Tremella fuciformis* Berk.**

Betula log, Hope Rd at Seward Hwy, KP, 1989, HHB-12876-sp

* ***Tremella mesenterica* Fr.**

Alnus sinuata down branch, Sheep Cr Tr, S of Juneau, Tongass NF, 1991,
HHB-13795

Populus trichocarpa log, Anchor Pt RecA, Halibut Cg, KP, 1991, HHB-14128

***Trichaptum abietinum* (Dick.:Fr.) Ryv.**

Picea glauca down top, Denali NP HQ, 1990, HHB-13198

Picea x lutzii, Mile 60 Seward Hwy, KP, 1989, HHB-12858

Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12385

Picea x lutzii, Trail Lakes Cg, S of Moose Pass, KP, 1988, HHB-12429

Picea sitchensis, Golden Fin L, N of Seward, KP, 1988, HHB-12467

P. sitchensis stump, Mile 10 Seward Hwy, KP, 1989, HHB-12677

P. sitchensis or *Tsuga heterophylla*, Mile 12 N Douglas Hwy, Tongass NF, 1991,
HHB-13799-sp

T. heterophylla log, Fish Cr, Douglas I, Tongass NF, 1991, HHB-14033

* ***Trichoderma harzianum* Rifai**

Picea glauca log, Denali NP HQ, 1990, HHB-13192

Populus tremuloides down branch, Denali NP HQ, 1990, HHB-13203

Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13160

* ***Tubulicrinis accedens* (Bourd. et Galz.) Donk**

Picea x lutzii stump, Mile 40 Sterling 1989, HHB-12623-sp

Picea glauca well-decayed log, Tebay L, Chugach Mt, 1990, HHB-13267

* ***Tubulicrinis angustus* (Rog. et Weres.) Donk**

Tsuga mertensiana, E end Turnagain Ann, Portage, 1990, HHB-13148

* ***Tubulicrinis borealis* J. Erikss.**

Betula, S shore Walker L, NW of Bettles, 1990, HHB-13307

Picea glauca stump, Broadview GS, Kenai L, KP, Chugach NF, 1990, HHB-13338

Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12390

Picea sitchensis?, Exit GI, near Seward, KP, 1989, HHB-12687

* ***Tubulicrinis effugiens* (Bourd. et Galz.) Oberw.**

Tsuga heterophylla, well-decayed log, Murder Cove, Admiralty I, Tongass NF,
1991, HHB-13736

* ***Tubulicrinis gracillimus* (Rog. et Jacks.) G.H. Cunn.**

Betula log, Anchor Pt RecA, Anchor Pt, KP, 1991, HHB-14118

Betula, S shore Walker L, NW of Bettles, 1990, HHB-13312

Betula nana, Clarence L Inlet, NW of L 1990, HHB-13321-sp, HHB-13321-sp,
HHB-13323-sp, HHB-13328sp

Betula papyrifera, Broadview GS Cooper Lnd, Kenai L, KP, 1990, HHB-13352

Menziesia, Security Bay, Kuiu I, Tongass NF, 1991, HHB-13729

Picea glauca log, Chugach St Park, Eagle River, 1989, HHB-12830 cont'd --->

- P. glauca* stump, Broadview GS, Cooper Lnd, Kenai L., KP, 1990, HHB-13332
Picea x lutzii down branch, Johnson Pass Tr, Chugach N.F., KP, 1990,
 HHB-13404-sp
Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12391
Picea sitchensis, dead branch live tree, Mendenhall GI, W Glabier Tr, 1991,
 HHB-13897, HHB-13899, HHB-13912
P. sitchensis, Mendedhall GI, Juneau, 1991, HHB-13861
P. sitchensis, dead branch, Mendenhall GI, W Glacier Tr, Juneau, 1991,
 HHB-13905, HHB-13908
P. sitchensis, dead branch live tree, Virgin Cr, Girdwood, 1990, HHB-13237,
 HHB-13242
P. sitchensis, dead branch live tree, Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13382
P. sitchensis, down branch, Anchor Pt RecA, KP, 1991, HHB-14124
P. sitchensis or *Tsuga heterophylla*, down branch, Switzer Tr, Juneau, 1991,
 HHB-13879
Salix dead branch, Tebay L, Chugach Mt, 1990, HHB-13265, HHB-13283
Salix debris, Mile 13 Denali NP Rd, 1990, HHB-13174, HHB-13176, HHB-13180,
 HHB-13199
Tsuga heterophylla down branch, Eagle Crest Rd, Douglas I, Tongass NF, 1991,
 HHB-13978
T. heterophylla down branch, Spaulding Tr, Auke Bay, Tongass NF, 1991,
 HHB-14016
T. heterophylla down branches, Kadake Bay, Kuiu I, Tongass NF, 1991,
 HHB-13726
T. heterophylla down branch, Mile 12 N Douglas Hwy, Tongass NF, 1991,
 HHB-13800
T. heterophylla, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14037
T. heterophylla, well-decayed log, Switzer Tr, Juneau, 1991, HHB-13881
T. heterophylla?, Hawk Inlet, Admiralty I, Tongass NF, 1991, HHB-13653
T. heterophylla?, Hawk Inlet, Admiralty I, Tongass NF, 1991, HHB-13650
T. heterophylla or *P. sitchensis* down, Thayer L, Admiralty I, Tongass NF, 1991,
 HHB-13743
Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13134, HHB-13146
Tsuga mertensiana, S end Turnagain Arm, Portage, 1990, HHB-13123
- * ***Tubulicrinis regificus* (Jacks. et Deard.) Donk**
Betula papyrifera down branch, S end Johnson Pass Tr, Chugach NF, KP, 1990,
 HHB-13413
- *#@ ***Tubulicrinis sororius* (Bourd. et Galz.) Oberw.**
Tsuga heterophylla down branch, Patterson Bay, Chichagof I, Tongass NF, 1991,
 HHB-13756
T. heterophylla or *Picea sitchensis* down, N arm Hoonah Sound, Chichagof I,
 Tongass NF, 1991, HHB-13761

* ***Tubulicrinis subulatus* (Bourd. et Galz.) Donk**

Picea glauca, Broadview GS, Cooper Lnd, Kenai L, KP, 1990, HHB-13349

Picea x lutzii, S end Johnson Pass Tr, Chugach NF KP, 1990, HHB-13360

Picea sitchensis down, Virgin Cr, Girdwood, 1990, HHB-13225

Tsuga heterophylla, Mile 12 N Douglas Hwy, Tongass NF, 1991, HHB-13807

T. heterophylla or *P. sitchensis* log, Yankee Basin Tr, N of Juneau, Tongass NF, 1991, HHB-13936

* ***Tulasnella allantospora* Wakef. et Pearson**

Tsuga heterophylla log, Fish Cr Tr, Douglas I, Tongass NF, 1991, HHB-14054-sp

Betula log, East Fork Cr at Seward Hwy, KP, 1988, HHB-12522

* ***Tulasnella bifrons* Bourd. et Galz.**

Alnus sinuata or *Salix*, Mendenhall GI, Loop Tr, Juneau, 1991, HHB-13835

* ***Tulasnella fuscoviolacea* Bres.**

Picea sitchensis, bark down branches, Mile 12 Seward Hwy, KP, 1988, HHB-12483

* ***Tulasnella violea* (Quél.) Bourd. et Galz.**

Betula log, Mile 60 Seward Hwy, KP, 1989, HHB-12844

Alnus sinuata, Mendenhall GI, Loop Tr, Juneau, 1991, HHB-13840

* ***Typhula setipes* (Greville) Berthier**

Epilobium (fireweed) stems, Oilwell Rd, 4 mi E of Ninilchik, KP, 1989,

HHB-12747-sp

***Tyromyces chioneus* (Fr.) Karst.**

Betula papyrifera dead branch, Mile 40 Sterling Hwy, KP, 1989, HHB-12627-sp

* ***Vararia investiens* (Schw.) Karst.**

Betula, S shore Walker L, NW of Bettles, 1990, HHB-13306

Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12362

***Veluticeps abietina* (Pers.:Fr.) Hjortst. et Tell.**

Alnus sinuata, Hawk Inlet, Admiralty I, Tongass NF, 1991, HHB-13649-sp

Picea log, Broadview GS, Kenai L, Chugach NF, 1991, HHB-14090, HHB-14093

Picea x lutzii log, Mile 40 Sterling Hwy, KP, 1989, HHB-12622-sp

Picea x lutzii, Mile 60 Seward Hwy, KP, 1989, HHB-12862-sp

Picea x lutzii, Russian River Ferry, KP, 1988, HHB-12363

Picea mariana log, Tustamena L, KP, 1989, HHB-12773, HHB-12774

Picea sitchensis log, Mile 10 Seward Hwy, KP, 1989, HHB-12676

P. sitchensis, N of Peterson Cr, S of 1990, HHB-13256

P. sitchensis?, Golden Fin L, N of Seward, 1988, HHB-12456

P. sitchensis, Todd, Chichagof I, Tongass NF, 1991, HHB-13663-sp

Tsuga heterophylla, down branch, Spaulding Tr, Auke Bay, Tongass NF, 1991,
HHB-14017 cont'd --->

T. heterophylla or *P. sitchensis* log, Eagle Crest Rd, Douglas I, Tongass NF, 1991, HHB-13981-sp

Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13120, HHB-13133

* ***Xenasma pruinosum* (Pat.) Donk**

Tsuga mertensiana, E end Turnagain Arm, Portage, 1990, HHB-13142

***Xeromphalina campanella* (Bat.:Fr.) Kühn. et Maire**

Picea x lutzii, Hope Rd at Seward Hwy, KP, 1989, HHB-12864-sp

ACKNOWLEDGMENTS. We thank Paul Hennon for critical support of collecting in southeastern Alaska and David Farr for providing a computerized list of Alaskan fungi from Farr *et al.* (1989). We thank James H. Ginns and Walter J. Sundberg for critical review of the manuscript.

Host index of wood-inhabiting fungi of Alaska
-includes only fungi listed in this report

***Alnus sinuata* (Reg.) Rydb.**

Amphinema byssoides, *Athelia coprophila*, *Bjerkandera adusta*, *Calocera cornea*, *Cytidia salicina*, *Ganoderma applanatum*, *Gloeocystidiellum leucoxanthum*, *Grandinia aspera*, *Grandinia barba-jovis*, *Grandinia breviseta*, *Grandinia subalutacea*, *Hyphoderma praetermissum*, *Hyphoderma setigerum*, *Hypochnicium bombycinum*, *Melzericium udicolum*, *Peniophora aurantiaca*, *Peniophora incarnata*, *Phellinus ferreus*, *Phellinus laevigatus*, *Polyporus elegans*, *Polyporus varius*, *Postia caesia*, *Postia perdelicata*, *Sebacina cinerea*, *Sistotrema farinacea*, *Sistotrema porulosum*, *Steccherinum fimbriatum*, *Stereum rugosum*, *Subulicystidium longisporium*, *Tremella mesenterica*, *Tulasnella biformis*, *Tulasnella violea*, *Veluticeps abietina*

Alnus sp.

Amphinema byssoides, *Basidioradulum radulum*, *Encoelia furfuraceum*, *Fibricium rude*, *Gloeocystidiellum leucoxanthum*, *Gloeocystidiellum luridum*, *Grandinia arguta*, *Grandinia barba-jovis*, *Grandinia crustosa*, *Grandinia pruni*, *Grandinia quercina*, *Hapalopilus nidulans*, *Hyphoderma obtusifforme*, *Hyphoderma setigerum*, *Hyphodermella corrugata*, *Hypochnicium bombycinum*, *Hypochnicium polonense*, *Melzericium udicolum*, *Merismodes anomala*, *Merismodes fasciculatus*, *Peniophora aurantiaca*, *Peniophora violaceolivida*, *Phanerochaete burtii*, *Phanerochaete sordida*, *Phanerochaete velutina*, *Phellinus ferreus*, *Phellinus viticola*, *Phlebiella vaga*, *Plicatura nivea*, *Polyporus varius*, *Pseudotomentella humicola*, *Schimpora paradoxa*, *Stereum rugosum*

***Betula nana* L.**

Cytidia salicina, *Gloeocystidiellum convolvens*, *Gloeocystidiellum leucoxanthum*, *Grandinia quercina*, *Phlebiella vaga*, *Stereum rugosum*, *Tubulicrinis gracillimus*

***Betula papyrifera* Marsh.**

Atheliopsis glaucina, Coniophora puteana, Fibricium rude, Galerina stylifera, Grandinia abieticola, Grandinia altaica, Grandinia barba-jovis, Grandinia crustosa, Hericium ramosum, Hyphoderma setigerum, Hypholoma sublateritium, Phanerochaete sordida, Phellinus ferreus, Phellinus igniarius, Phellinus laevigatus, Pholiota alnicola, Pholiota curvipes, Pholiota limonella, Pholiota rigidipes, Pholiota squarrosa, Plicaturopsis crispa, Sistotrema oblongisporum, Trametes hirsuta, Trametes pubescens, Tubulicrinis gracillimus, Tubulicrinis regificus, Tyromyces chioneus

***Betula* sp.**

Cerrena unicolor, Chlorocibora aeruginascens, Crepidotus phaseoliformis, Cudonia circinans, Dacrymyces minor, Exidia repanda, Fomes fomentarius, Grandinia altaica, Grandinia arguta, Grandinia barba-jovis, Hyphoderma litschaueri, Hyphoderma setigerum, Hypochnicium eichleri, Hypsizygus tessulatus, Lentinellus omphalodes, Peniophora aurantiaca, Peniophora cinerea, Peniophora nuda, Phellinus igniarius, Phellinus laevigatus, Phellinus viticola, Phlebiella vaga, Pholiota albocrenulata, Pleurotus ostreatus, Polyporus brumalis, Postia perdelicata, Stereum rugosum, Tomentella umbrinospora, Trechispora stellulata, Tremella fuciformis, Tubulicrinis borealis, Tubulicrinis gracillimus, Tulasnella allantospora, Tulasnella violea, Vararia investiens

***Epilobium* (Fireweed)**

Typhula setipes

***Menziesia ferruginea* Sm.**

Tubulicrinis gracillimus

***Oplopanax horridus* (Sm.) Miq.**

Grandinia pruni, Phanerochaete rimosa, Resinicium bicolor

***Picea glauca* (Moench) Voss**

Acanthophysium lividocaeruleum, Amphinema byssoides, Amylocorticium subincarnata, Antrodia sitchensis, Asterodon ferruginosa, Chaetoderma luna, Coniophora puteana, Crustoderma dryinum, Fibulomyces mutabilis, Grandinia alutacea, Leucogyrophana mollusca, Phlebia subserialis, Postia caesia, Postia mappa, Pycnoporellus alboluteus, Stereum sanguinolentum, Tomentella bryophila, Trametes cervina, Trametes trogii, Trichaptum abietinum, Trichoderma harzianum, Tubulicrinis accedens, Tubulicrinis borealis, Tubulicrinis gracillimus, Tubulicrinis subulatus

Picea x lutzii

Acanthophysium weirii, Albatrellus ovinus, Amphinema byssoides, Amylocystis lapponicus, Anomoporia bombycina, Antrodia carbonica, Antrodia heteromorpha, Antrodia sinuosa, Antrodia sitchensis, Athelia decipiens, Athelia fibulata, Botrybasidium botryosum, Botrybasidium candicans, Coniophora arida,

Coniophora olivacea, Coniophora puteana, Cyllindrobasidium albulum, Dacrymyces chrysospermus, Diplomitoporus lindbladii, Fibulomyces mutabilis, Gloeophyllum sepiarium, Grandinia alutaria, Grandinia aspera, Grandinia breviseta, Grandinia subalutacea, Hapalopilus salmonicolor, Hyphoderma sambuci, Hyphoderma sibiricum, Hypochnicium lundellii, Hypochnicium sphaerosporum, Inonotus tomentosus, Leucogyrophana mollusca, Leucogyrophana romellii, Paxillus involutus, Phanerochaete gigantea, Phanerochaete sordida, Phellinus ferreus, Phlebiella fibrillosa, Phlebiella insperata, Phlebiella vaga, Pholiota terrestris, Piloderma bicolor, Postia caesia, Postia fragilis, Postia undosa, Resinicium furfuraceum, Sistotrema brinkmannii, Stereum sanguinolentum, Tomentellopsis echinospora, Trametes cervina, Trechispora farinacea, Trechispora microspora, Trechispora stellulata, Trichaptum abietinum, Tubulicrinis accedens, Tubulicrinis borealis, Tubulicrinis gracillimus, Tubulicrinis subulatus, Vararia investiens, Veluticeps abietina, Xeromphalina campanella

***Picea mariana* (Mill.) B.S.P.**

Amphinema byssoides, Athelia bombacina, Bourdotia caesio-cinerea, Ceraceomerulius serpens, Chaetoderma luna, Coniophora arida, Coniophora olivacea, Gloeocystidiellum furfuraceum, Gloeophyllum sepiarium, Grandinia aspera, Hyphoderma praetermissum, Hyphoderma subdefinitum, Leptosporomyces galzinii, Leucogyrophana mollusca, Phellinus chrysoloma, Phellinus viticola, Phlebiella vaga, Piloderma bicolor, Veluticeps abietina

***Picea sitchensis* (Bong.) Carr.**

Acanthophysium spiniger, Acanthophysium weirii, Aleurocystidellum subcruentatum, Aleurodiscus amorphus, Aleurodiscus penicillatus, Amphinema byssoides, Amylocorticium cebennense, Antrodia albobrunnea, Athelia bombacina, Athelia fibulata, Botryobasidium botryosum, Botryobasidium danicum, Botryohypochnus isabellinus, Ceraceomyces tessulatus, Chaetoderma luna, Coniophora arida, Dacrymyces delequescens, Dacrymyces minor, Grandinia arguta, Grandinia aspera, Grandinia breviseta, Heterotextus luteus, Hyphoderma praetennissum, Hyphoderma sambuci, Hypochnicium detriticum, Leptosporomyces raunkeri, Leucogyrophana mollusca, Phanerochaete gigantea, Phanerochaete laevis, Phanerochaete sanguinea, Phanerochaete sordida, Phellinus ferreus, Phlebia firma, Phlebia lilascens, Pleurocybella porrigens, Polyporus melanopus, Pseudohydnum gelatinosum, Pycnoporellus alboluteus, Ramaricium flavomarginatum, Resinicium furfuraceum, Rigidoporus crocatus, Sistotrema oblongisporum, Stereum sanguinolentum, Tomentella bryophila, Trechispora farinacea, Trechispora mollusca, Trichaptum abietinum, Tubulicrinis borealis, Tubulicrinis gracillimus, tubulicrinis subulatus, Tulasnella fuscoviolacea, Veluticeps abietina

***Picea* sp.**

Aleurodiscus cerrusatus, Antrodia albida, Botryobasidium subcoronatum, Calocera viscosa, Dacrymyces chrysospermus, Diplomitoporus crustulinus, Gloeophyllum sepiarium, Grandinia alutaria, Grandinia floccosa, Oxyporus corticola, Thelephora terrestris, Veluticeps abietina

Pinus contorta* Dougl. var. *contorta

Athelia bombacina, Botryobasidium laeve, Byssocorticium lutescens, Chaetoderma luna, Dacrymyces minor, Dacrymyces tortus, Grandinia pruni, Odonticium romellii, Phlebiella vaga, Sistotrema farinacea

***Populus tremuloides* Michx.**

Acanthophysium cerrusatus, Amphinema byssoides, Bjerkandera adusta, Ceraceomerulius serpens, Ceriporiopsis pannocincta, Cylindrobasidium laeve, Fabricium rude, Ganoderma applanatum, Gloeocystidiellum convolvens, Gloeocystidiellum karstenii, Grandinia alienata, Grandinia quercina, Hyphoderma praetermissum, Peniophora polygonia, Phanerochaete sordida, Phanerochaete velutina, Pleurotus ostreatus, Postia caesia, Schizopora paradoxa, Steccherinum ochraceum, Trametes ochracea, Trechispora confinis, Trichoderma harzianum

***Populus trichocarpa* Torr. & Gray**

Amphinema byssoides, Antrodia heteromorpha, Athelia arachnoidea, Bjerkandera adusta, Botryobasidium laeve, Bourdotia eyeri, Cheimonophyllum candidissimum, Chondrostereum purpureum, Cyphellopsis anomala, Dacrymyces minor, Gloeocystidiellum leucoxanthum, Grandinia barba-jovis, Grandinia spathulata, Hericium ramosum, Hyphoderma sambuci, Hypochnicium detriticum, Hypochnicium polonense, Laeticorticium roseum, Lentinellus ursinus, Perenniporia tenuis var. tenuis, Pseudohydnum gelatinosum, Steccherinum ochraceum, Trametes suaveolens, Tremella mesenterica

***Salix* sp.**

Amphinema byssoides, Antrodia albida, Cytidia salicina, Exidiopsis laccata, Gloeocystidiellum leucoxanthum, Grandinia arguta, Grandinia aspera, Grandinia barba-jovis, Grandinia crustosa, Hymenochaete tabacina, Hyphoderma obtusifforme, Hyphoderma sambuci, Hyphoderma sibiricum, Hypochnicium bombycinum, Lentinellus omphalodes, Peniophora aurantiaca, Phellinus nigrolimitatus, Phlebia lindtneri, Piloderma bicolor, Polyporus elegans, Polyporus varius, Stereum rugosum, Tubulicrinis gracillimus

***Sambucus callicarpa* Greene.**

Grandinia alutaria, Hyphoderma sambuci, Hyphoderma setigerum, Lachnella alboviolascens, Melzericium udicolum

***Tsuga heterophylla* (Raf.) Sarg.**

Aleurodiscus penicillatus, Amphinema byssoides, Amylocorticium subsulphureum, Antrodia heteromorpha, Athelia decipiens, Botryobasidium botryosum, Botryobasidium candicans, Botryobasidium subcoronatum, Calocera cornea, Ceraceomyces borealis, Chaetoderma luna, Coniophora arida, Coniophora olivacea, Diplomitoporus crustulinus, Diplomitoporus lindbladii, Fomitopsis pinicola, Ganoderma applanatum, Grandinia aspera, Grandinia breviseta, Grandinia pallidula, Grandinia subalutacea, Heterotextus luteus, Hyphoderma argillaceum, Hyphoderma praetermissum, Hyphoderma sibiricum, Leucogyrophana romellii, Phanerochaete

sanguinea, Phellinus pini, Phlebiella pseudotsugae, Phlebiella vaga, Postia caesia, Postia stiptica, Pseudomerulius aureus, Resinicium furfuraceum, Rigidoporus crocatus, Sistotrema muscicola, Sphaerobasidium minutum, Stereum sanguinolentum, Subulicystidium longisporum, Thelephora terrestris, Tomentella ramosissima, Trechispora farinacea, Trechispora mollusca, Trechispora stellulata, Trichaptum abietinum, Tubulicrinis effugiens, Tubulicrinis gracillimus, Tubulicrinis sororius, Tubulicrinis subulatus, Tulasnella allantospora, Veluticeps abietina

***Tsuga mertensiana* (Bong.) Carr.**

Acanthophysium spiniger, Acanthophysium weirii, Aleurodiscus penicillatus, Amphinema byssoides, Asterodon ferruginosa, Athelia acrospora, Botryobasidium candicans, Ceracwmyces serpens, Chaetoderma luna, Coniophora olivacea, Dendrothele incrustans, Diplomitoporus crustulinus, Echinodontium tinctorium, Fomitopsis pinicola, Gloeocystidiellum citrinum, Grandinia abieticola, Grandinia alienata, Grandinia quercina, Hypochnicium sphaerosporum, Ischnoderma resinotum, Melzericium udicolum, Phellinus ferreus, Phellinus nigrolimitatus, Phellinus pini, Phlebiella christiansenii, Phlebiella grisella, Piloderma bicolor, Stereum sanguinolentum, Trechispora microspora, Trechispora stellulata, Trichoderma harzianum, Tubulicrinis angustus, Tubulicrinis gracillimus, Veluticeps abietina Xenasma pruinotum

Tsuga sp.

Antrodia sinuosa, Ceracwmyces tessulatus, Echinodontium tinctorium, Postia fragilis, Stereum sanguinolentum

Vaccinum sp.

Grandinia aspera, Grandinia breviseta, Grandinia cineracea, Phellinus ferreus, Stereum rugosum

Literature cited

- Baxter, D.V. 1947. Occurrence of fungi in the major forest types of Alaska. Mich. Acad. Sci., Arts, & Letters **31**:93-115
- Baxter, D.V. 1950. Pathology in the future forest practice in Alaska. Alaskan Science Conference, Washington D.C. Privately printed. 9 pp.
- Baxter, D.V. and F.H. Wadsworth. 1939. Forest and fungus succession in the lower Yukon Valley. Univ. Mich. school of Forestry and Conservation Bulletin No. 9. 52 pp.
- Baxter, D.V. and R.W. Warner. 1942. Importance of fungi and defects in handling Alaskan airplane spruce. Univ. Mich. school of Forestry and Conservation Circular no. 6. 35 pp.
- Connors, IL. 1967. An annotated index to the plant disease in Canada and fungi recorded on plants in Alaska, Canada and Greenland. Canada Department of Agriculture. Publication 1251. 381 pp.
- Farr, D., G. Bills, G.P. Chamuris, and A.Y. Rossman. 1989. Fungi on Plants and Plant Products in the United States. Minneapolis: APS Press. 1252 pp.

- Ginns, J.H. 1986. Compendium of plant diseases and decay fungi in Canada 1960-1980. Agriculture Canada Publication 1813. 416 pp.
- Ginns, J.H., and M.N.L. Lefebvre. 1993. Lignicolous corticioid fungi (Basidiomycota) of North America. Systematics, distribution, and ecology. Mycologia Memoir **19**. 247 pp.
- Larson, F.R. 1992. Downed woody material in southeast Alaska forest stands. USDA Forest Service Research Paper PNW-RP-452.
- Maser, C. and J.M. Trappe, technical eds. 1984. The seen and unseen world of the fallen tree. USDA Forest Service General Technical Report PNW-164.
- Maser, C. R.F. Tarrant, J.M. Trappe, and J.F. Franklin, technical eds. 1988. From the forest to the sea: A story of fallen trees. USDA Forest Service General Technical Report PNW-GTR-229.
- Viereck, L. and E. Little, 1972. Alaska Trees and Shrubs. USDA Forest Service Handbook No. 410. 265 pp.

Appendix 1. Literature reporting basidiomycete fungi in Alaska.

- Anonymous. 1960. Index of Plant Diseases in the United States. USDA Handbook No. 165. 531 pp.
- BPI National Fungus collection, USDA, Beltsville MD
- Baxter, D.V. 1942. Some resupinate polypores from the region of the Great Lakes. XIII. Pap. Michigan Acad. Sci. 27:139-161.
- Baxter, D.V. 1947. Occurrence of fungi in the major forest types of Alaska. Mich. Acad. Sci., Arts, & Letters **31**:93-115
- Baxter, D.V. 1950. Pathology in the future forest practice in Alaska. Alaskan Science Conference, Washington D.C. Privately printed. 9 pp.
- Baxter, D.V. and F.H. Wadsworth. 1939. Forest and fungus succession in the lower Yukon Valley. Univ. Mich. school of Forestry and Conservation Bulletin No. 9. 52 pp.
- Baxter, D.V. and R.W. Warner. 1942. Importance of fungi and defects in handling Alaskan airplane spruce. Univ. Mich. school of Forestry and Conservation Circular no. 6. 35 pp.
- Burdsall, H.H., Jr. 1985. A contribution to the taxonomy of the genus *Phanerochaete*. Mycologia Memoir 10: 1-165.
- Carling, D.E., and R.H. Leiner. 1986. Isolation and characterization of *Rhizoctonia solani* and binucleate *R. solani*-like fungi from aerial stems and subterranean organs of potato plants Phytopathology **76**:725-729.
- Cash, E.K. 1953. A checklist of Alaskan fungi Pl. Dis. Reporter Suppl. **219**:1-70.
- Chamuris, G. 1988. The nonstipitate steroid fungi in the northeastern United States and adjacent Canada. Mycologia Memoir 14. 247 pp.
- Chase, T.E., and R.C. Ullrich. 1985. Fruiting and genetic analysis of *Heterobasidion annosum*. Mycologia **77**:464-471.
- Connors, I.L. 1967. An annotated index to the plant diseases in Canada and fungi recorded on plants in Alaska, Canada and Greenland. Canada Department of Agriculture. Publication 1251. 381 pp.

- Eglitis, M., C.J. Gould, and F. Johnson. 1966. Fungi found on Ericaceae in the Pacific coastal area, Wash. State Agric. Exp. Sta. Bulletin **675**:1-21.
- Farr, D., G. Bills, G.P. Chamuris, and A.Y. Rossman. 1989. Fungi on Plants and Plant Products in the United States. Minneapolis: APS Press. 1252 pp.
- Gilbertson, R.L., and L. Ryvarden. 1986, Vol. 1; 1987, Vol. 2 North American Polypores. Oslo: Fungiflora. 885 pp.
- Guild, B. 1977-9. The Alaskan Mushroom Hunter's Guide. Anchorage: Alaskan Northwest Publishing Co. 286 pp.
- Ginns, J.H. 1986. Compendium of plant disease and decay fungi in Canada 1960-1980. Agriculture Canada Publication 1813. 416 pp.
- Ginns, J.H., and M.N.L. Lefebvre. 1993. Lignicolous corticioid fungi (Basidiomycota) of North America. Systematics, distribution, and ecology. Mycologia Memoir 19. 247 pp.
- Hennon, P.E. 1990. Fungi on *Chamaecyparis nootkatensis*. Mycologia **82**:59-66.
- Hennon, P.E., and E.M. Hansen. 1987. Nuclear behavior of *Phellinus arctostaphyli*, *P. ignarius*, and *P. tremulae*. Mycologia **79**:501-507.
- Holsten, E.H., P.E. Hennon, and R.A. Werner. 1985. Insects and Diseases of Alaskan Forests. USDA Forest Service Alaska Region Report No. 181. 217 pp.
- Hinds, T.E., and T.H. Laurent. 1978. Common aspen diseases found in Alaska. Pl. Dis. Reporter **62**:972-975.
- Kimmy, J.W., and J.A. Stevenson. 1957. A forest disease survey of Alaska. Pl. Dis. Reporter Suppl. **247**:86-98.
- Kobayasi, Y., N. Hiratsuka, Y. Otani, K. Tubaki, S. Udagawa, and M. Soneda. 1969. The second report on the mycological flora of the Alaskan Arctic. Bull. Natl. Sci. Mus. **12**:311-430.
- Kobayasi, Y., N. Hiratsuka, R. Korf, K. Tubaki, K. Aoshima, M. Soneda, J. Sugiyama. 1967. Mycological Studies of the Alaskan Arctic. Ann. Rept. Inst. Fermentation, Osaka **3**:1-138.
- Laursen, G.A., and J.F. Ammirati, eds. 1982. Arctic and Alpine Mycology. Univ. Washington Press. 559 pp.
- Lebeau, J.B., and C.E. Logsdon. 1958. Snow mold of forage crops in Alaska and Yukon. Phytopathology **48**: 148-150.
- Lefebvre, C.L. 1950. Observations on plant diseases in Alaska. Pl. Dis. Reporter **34**:3-4.
- Lemke, P.A. 1964. The genus *Aleurodiscus* (sensu stricto) in North America. Canad. J. Bot. **42**:213-282.
- Lentz, P.L., and H.H. Burdsall, Jr. 1973. *Scytinostroma galactinum* as a pathogen of woody plants. Mycopathol. Mycologia Appl. **49**:289-305.
- Lindsey, J.P., and R.L. Gilbertson. 1979. A new *Steccherinum* (Aphyllophorales, Steccherinaceae) from Alaska Mycologia **71**: 1264-1267.
- Logsdon, C.E. 1955. Notes on plant disease incidence in the Matanuska and Tanana Valleys, Alaska - 1953 and 1954. Pl. Dis. Reporter **39**:274.
- Logsdon, C.E., and G. Strobel. 1960. Additional records of vegetable diseases in Alaska. Pl. Dis. Reporter **44**:92-93.

- Lowe, J.L., and R.L. Gilbertson. 1961. Synopsis of the Polyporaceae of the Western United States and Canada. *Mycologia* **53**:474-511.
- Martin, K.J., and R.L. Gilbertson. 1977. Synopsis of wood-rotting fungi on spruce in North America: I. *Mycotaxon* **6**:43-77.
- Martin, K.J., and R.L. Gilbertson. 1978. Synopsis of wood-rotting fungi on spruce in North America: II. *Mycotaxon* **7**:337-356.
- Martin, K.J., and R.L. Gilbertson. 1980. Synopsis of wood rotting-fungi on spruce in North America: III. *Mycotaxon* **10**:479-501.
- Miller, O.K., Jr. 1968. Interesting fungi of the St. Elias Mountains, Yukon Territory, and adjacent Alaska. *Mycologia* **60**: 1190-1203.
- Miller, O.K., Jr. 1982. Higher fungi in Alaskan subarctic tundra and taiga plant communities. *Arctic and subalpine Mycology* eds Larson and Ammirati University of Washington Press. 123-143.
- Miller, O.K., Jr., and R.L. Gilbertson. 1969. Notes on Homobasidiomycetes from northern Canada and Alaska. *Mycologia* **61**: 840-844.
- Miller, O.K., Jr., G.A. Laursen, and D.F. Farr. 1982. Notes on Agaricales from Arctic tundra in Alaska *Mycologia* **74**:576-591.
- Miller, O.K., Jr. and L. Stewart. 1971. The genus *Lentinellus*. *Mycologia* **63**: 333-369.
- Nakasone, K.K. 1990. A taxonomic study of *Veluticeps*. *Mycologia* **82**:622-641
- Redhead, S.A., O.K. Miller, Jr., R. Watling, and E. Ohenoja. 1982. *Marasmius epidryas*. *Fungi Canadenses* **213**: 1-2.
- Saccardo, P.A., C.H. Peck, and W. Trelease. 1904. Alaska: Cryptogamic Botany. Harriman Alaska Expedition. Volume V: 1-65.
- Sprague, R. 1954. Some leafspot fungi on western Gramineae. VII *Mycologia* **46**: 76-88.
- Sprague, R. 1955. A check list of fungi of glacier bay, Alaska. *Res. Stud. State Coll. Wash.* **23**: 202-224.
- Sprague, R. 1962. Some leafspot fungi on western Gramineae - XVI *Mycologia* **54**:593-610.
- Sprague, R., and D.B. Lawrence. 1959. The fungi on deglaciaded Alaskan terrain of known age. *Res. Stud. State Coll. Wash.* **27**: 110-128.
- Traquair, J.A., J.B. Lebeau, J.E. Moffat, and M. Kokko. 1983. Northern distribution of LTB snow mold in Canada. *Canad. Plant Dis. Surv.* **63**: 1-2.
- Wells, V.L., and P.E. Kempton. 1965. *Togaria aurea* in Alaska. *Mycologia* **57**:316-318.
- Wells, V.L., and P.E. Kempton. 1967. Studies on the fleshy fungi of Alaska. I. *Lloydia* **30**:258-268.
- Wells, V.L., and P.E. Kempton. 1968. Studies on the fleshy fungi of Alaska. II. *Mycologia* **60**: 888-901,
- Wells, V.L., and P.E. Kempton. 1970. Studies on the fleshy fungi of Alaska. IV. A preliminary account of the genus *Helvella*. *Mycologia* **62**:940-959.
- Wells, V.L., and P.E. Kempton. 1971. Studies on the fleshy fungi of Alaska. V. The genus *Strobilurus* with notes on extralimital species. *Mycologia* **63**:370-379.

Wells, V.L., and P.E. Kempton. 1973. Studies on the fleshy fungi of Alaska. VI.
Notes on *Gyromitra*. *Mycologia* **65**:396-400.

Appendix 2. Wood-inhabiting fungi reported from Alaska in selected references,
but not collected in this study.

F --Farr *et al.* (1989)
G&R --Gilbertson and Ryvarden (1986, 1987)
G&L --Ginns and Lefevbre (1993)
B --Baxter (1947, 1950), Baxter and Warner (1942) or Baxter and
Wadsworth (1939)

Amylostereum chailetii (Pers.:Fr.) Boid. **G&L**
Antrodia crassa (Karst.) Ryv. **F, G&R, B**
Antrodia odora (Peck ex Sacc.) Gilbn. et Ryv. **F, G&R**
Antrodia serialis (Fr.:Fr.) Donk **F, G&R, B**
Antrodia variiformis (Peck) Donk **F, G&R, B**
Antrodia xantha (Fr.:Fr.) Ryv. **F, G&R, B**
Armillaria mellea (Vahl.:Fr.) Kummer **F**
Athelia neuhoffii (Bres.) Donk **F, G&L**
Auricularia auricula-judae (Bull.:Fr.) Wettst. **G&L**
Auriculariopsis ampla (Lév.) Maire **F, G&L, B**
Bondatzewia montana (Quél.) Singer **F**
Botryobasidium pruinautum (Bres.) J. Erikss. **F, G&L**
Botryobasidium vagum (Berk. & Curt.) D.P. Rogers **F, G&L**
Ceriporia excelsa (Lund.) Parm. **G&R**
Ceriporia purpurea (Fr.:Fr.) Donk **F**
Ceriporia reticulata (Pers.:Fr.) Dom. **F**
Ceriporia viridans (Berk. et Br.) Donk **G&R**
Ceriporiopsis aneirina (Sommerf.:Fr.) Dom. **F, G&R, B**
Ceriporiopsis mucida (Pers.:Fr.) Gilbn. et Ryv. **G&R**
Cerocorticium hiemale (Laurila) Jülich et Stalpers **F**
Climacocystis borealis (Fr.:Fr.) Kotl. et Pouz. **F, G&R**
Collybia acervata (Fr.:Fr.) Kummer **F**
Coprinus martinii J.Favre ex P.D. Orton **F**
Coprinus psychromorbidus Redhead et J. Traquair **F**
Cylindrobasidium corrugum (Burt) J.Ginns **F, G&L**
Dacrymyces dictyosporus G.W. Martin **G&L**
Dacrymyces stillatus Nees:Fr. **G&L**
Dacryobolus karstenii (Bres.) Oberw. ex Parm. **F, G&L**
Daedaleopsis confragosa (Bolt.:Fr.) J.Schroet. **F, B**
Datronia mollis (Sommerf.:Fr.) Donk **F, G&R**
Datronia scutellata (Schw.) Gilbn. et Ryv. **F**
Datronia stereoides (Fr.:Fr.) Ryv. **F, G&R, B**
Dentipellis dissita (Berk. et Cooke) Maas G. **B**

- Dentipellis fragilis* (Per.:Fr.) Donk **F, G&L**
Dichomitus squalens (Karst.) D.Reid **F, G&R, B**
Diplomitoporus lenis (Karst.) Gilbn. et Ryv. **F, G&R**
Eichleriella deglubens (Berk. et Broome) D.Reid **F, G&L**
Exidia glandulosa Fr.:Fr. **F, G&L**
Exidia saccharina Alb. et Schw.:Fr. **G&L**
Exidiopsis calcea (Pers.) K.Wells **F, B, G&L**
Fibulomyces septentrionalis (J.Erikss.) Jülich **F**
Flammulina velutipes (CurtkFr.) Singer **F**
Fomitopsis officinalis (Villars:Fr.) Bond. et Singer **F, G&R**
Fomitopsis rosea (Alb. et Schw.:Fr.) Karst. **F, B**
Ganoderma oregonense Murr. **F**
Globulicium hiemale (Laurila) Hjortst. **G&L**
Gloeocystidiellum karstenii (Bourd. et Galz.) Donk **F, G&L**
Gloeocystidiellum ochraceum (Fr.:Fr.) Donk **F, G&L, B**
Gloeocystidiellum porosum (Berk. & Curt.) Donk **F, G&L**
Gloeophyllum odoratum (Wulf.:Fr.) Imazeki **F, B**
Gloeophyllum protractum (Fr.) Imaz. **G&R**
Gloeoporus dichrous (Fr.:Fr.) Bres. **F**
Grandinia stenospora (Karst.) Jülich **F**
Helicobasidium brebissonii (Desm.) Donk **G&L**
Hericium abietis (Weir ex Hubert) K.A.Harrison **F, G&L**
Hericium coralloides (Scop.:Fr.) S.F. Gray **F, G&L**
Heterobasidium amosum (Fr.:Fr.) Bref. **F, G&R, B**
Hymenochaete agglutinans Ellis **F, B**
Hymenochaete corrugata (Fr.) Lév. **G&L**
Hymenochaete tenuis Peck **F, G&L**
Ischnoderma benzoinum (Vahl:Fr.) Karst. **B**
Inonotus cuticularis (Bull.:Fr.) Karst. **G&R**
Inonotus radiatus (Sow.:Fr.) Karst. **F, G&R, B**
Kavinia albobiridis (Morg.) Gilbn. et Budn. **B**
Kuehneromyces mutabilis (Schaeff. :Fr.) Singer et A.H. Smith **F**
Laetiporus sulphureus (Bull.:Fr.) Murr. **F, G&R, B**
Laurilia sulcata (Burt) Pouz. **F, G&L, B**
Lentinus strigosus (Schw.:Fr.) Fr. **F**
Lenzites betulina (L.:Fr.) Fr. **F, B**
Leucogyrophana mollusca (Fr.:Fr.) Pouz. **F, G&L**
Leucogyrophana pinastri (Fr.:Fr.) Ginns et Weres. **F, G&L**
Marasmiellus filipes (Peck) Redhead **F**
Marasmius epidryas Kühn **F**
Meruliopsis ambiguus (Berk.) Ginns **G&L**
Meruliopsis corium (Fr.:Fr.) Ginns **F, G&L, B**
Meruliopsis taxicola (Pers.) Bond. **F**
Micromphale perforans (Hoffm.:Fr.) Singer **F**
Neolentinus kauffmanii (A.H. Smith) Redhead et Ginns **F**
Nidula candida (Peck) V.S. White **F**

- Oxyporus cuneatus* (Murr.) Aoshima **F, G&R**
Peniophora borealis (Peck) Burt **G&L**
Peniophora rufa (Fr.:Fr.) Boid. **F, G&L, B**
Perenniporia subacida (Peck) Donk **F, G&R, B**
Perenniporia tenuis (Schw.) Ryv. var. *pulchella* (Schw.) Gilbn. et Ryv. **G&R**
Phaeolus schweinitzii (Fr.:Fr.) Pat. **F, G&R, B**
Phanerochaete carnosa (Burt) Parm. **F, G&L**
Phellinus ferrugineofuscus (Karst.) Bourd. **F, G&R, B**
Phellinus ferruginosus (Schrad.:Fr.) Pat. **F, G&R, B**
Phellinus gilvus (Schw.) Pat. **B**
Phellinus hartigii (Allesch. et Schnabl) Pat. **G&R**
Phellinus nigricans (Fr.:Fr.) Karst. **F, B**
Phellinus punctatus (Fr.) Pil. **F, G&R, B**
Phellinus robustus (Karst.) Bourd. et Galz. **F**
Phellinus tremulae (Bond.) Bond. et Boriss. **G&R**
Phellinus weirii (Murr.) Gilbn. **F**
Phlebia albida Post **G&L**
Phlebia radiata Fr. **G&L**
Pholiota adiposa (Fr.:Fr.) Kummer **F, B**
Pholiota populnea (Pers.:Fr.) Kuyper et Tjal1.-Beukers **F**
Pholiota squarrosoides (Peck) Sacc. **F**
Physiosporinus sanguinolentus (Alb. et Schw.:Fr.) Pil. **G&R**
Physiosporinus vitreus (Pers.:Fr.) Karst. **G&R**
Piptoporus betulinus (Bull.:Fr.) Karst. **F, G&R, B**
Polyporus badius (Pers.) Schw. **F, G&R**
Polyporus mori (Pollini:Fr.) Fr. **F**
Postia balsamea (Peck) Jülich **F**
Postia leucospongia (Cke. et Harkn.) Jülich **G&R**
Postia placenta (Fr.) M.J. Larsen et Lomb. **F**
Pycnoporellus fulgens (Fr.) Donk **F**
Pycnoporus cinnabarinus (Jacq.:Fr.) Karst. **G&R**
Scytinostroma arachnoideum (Peck) Gilbn. **F, G&L**
Scytinostroma galactinum (Fr.) Donk **F, G&L**
Scytinostroma portentosum (Berk. & Curt.) Donk **F, G&L**
Scytinostromella nannfeldtii (J.Erikss) G.Freeman et R.Petersen **F, G&L**
Sebacina arctica Y. Kobayasi **G&L**
Serpula lacrimans var. *lacrimans* (Jacq.:Fr.) Schroet. **G&L**
Sistotrema raduloides (Karst.) Donk **F, G&L**
Skeletocutis amorpha (Fr.:Fr.) Kotl. et Pouz. **F**
Skeletocutis subincarnata (Peck) J. Keller **F, G&R**
Spongipellis delectans (Peck) Murr. **G&R**
Steccherinum alaskense Lindsey et Gilbn. **F, G&L**
Stereum gausapatum (Fr.:Fr.) Fr. **F, G&L**
Stereum hirsutum (Willd.:Fr.) S.F. Gray **F, G&L, B**
Strobilurus occidentalis V.Wells et P.Kempton **F**
Tapinella panuoides (Batsch:Fr.) E.J. Gilbert **F**

- Thanatephorus cucumeris* (A.B.Frank) Donk **F, G&L**
Thelephora anthocephala var. *anthocephala* Bull.:Fr. **G&L**
Thelephora caryophyllea Fr.:Fr. **F, G&L**
Tomentellina fibrosa (Berk. & Curt.) M.J. Larsen **F, G&L, B**
Trametes versicolor (L.:Fr.) Pil. **F, G&R B**
Trechispora cohaerens (Schw.) Jülich et Stalpers **F**
Trechispora mollusca (Pers.:Fr.) Liberta **G&R**
Trichaptum bifforme (Fr.) Ryv. **F, G&R, B**
Trichaptum laricinum (Karst.) Ryv. **G&R**
Trichaptum subchartaceum (Murr.) Ryv. **G&R**
Tricholomopsis rutilans (Schaeff.:Fr.) Singer **F**
Typhula incarnata Fr. **F**
Typhula uncialis (Grev.) Berth. **F**
Veluticeps fimbriata (Ellis et Ev.) Nakas. **G&L**

