

BASIDIOMYCOTA families Q-Z

RAMARIACEAE

Gautieria

crispa E.L. Stewart & Trappe
gautieroides
graveolens Vittad. -BPI-
monticola Harkn.

Ramaria

apiculata (Fr.) Donk -TENN-
armeniaca R.H. Petersen & Scates
aurea (Schaeff.) Quel.
aureofulva Corner
celerivirescens Marr & D.E. Stuntz -TENN-
coultrarae Scates
distinctissima R.H. Petersen & M. Zang
formosa (Pers.) Fr.
fuscobrunnea Corner
glaucoaromatica R.H. Petersen
invalidi (Cott. *et* Wakef.) Donk -BPI-
largentii Marr & D.E. Stuntz
magnipes Marr & D.E. Stuntz
marrii Scates
mutabilis Schild & R.H. Petersen -TENN-
pinicola (Burt) Corner
purpurissima R.H. Petersen & Scates
rasilispora Marr & D.E. Stuntz -UTC-
rubricarnata Marr & D.E. Stuntz
rubrievanescens Marr & D.E. Stuntz
rubripermanans Marr & D.E. Stuntz
sanguinea (Pers.) Quel.
Sierriana
stricta (Pers.) Quel. -UTC-
subgracilis
vinosimaculans Marr & D.E. Stuntz

RHIZOPOGONACEAE

Brauniellula

albipes (Zeller) A.H. Smith & Singer -MICH-
crassitunicata Pacioni & Fogel -MICH-
leucosarx A.H. Smith & Singer
nancyae A.H. Smith & Singer -BPI-

Rhizopogon

abietis A.H. Smith in A.H. Smith & Zeller
albidus A.H. Smith in A.H. Smith & Zeller
albiroseus A.H. Smith in A.H. Smith & Zeller
alkalivirens A.H. Smith in A.H. Smith & Zeller
alpestris A.H. Smith in A.H. Smith & Zeller
anomalus A.H. Smith in A.H. Smith & Zeller
arenicola A.H. Smith in A.H. Smith & Zeller
argillaceus A.H. Smith in A.H. Smith & Zeller
argillascens A.H. Smith in A.H. Smith & Zeller
atroviolaceus A.H. Smith in A.H. Smith & Zeller
aurantiacus A.H. Smith in A.H. Smith & Zeller

avellaneitectus A.H. Smith
bacillisporus A.H. Smith in A.H. Smith & Zeller
brunneicolor A.H. Smith in A.H. Smith & Zeller
butyraceus A.H. Smith in A.H. Smith & Zeller
chamaleontinus A.H. Smith
cinerascens A.H. Smith in A.H. Smith & Zeller
claitisporus A.H. Smith in A.H. Smith & Zeller
cokeri A.H. Smith
colossus A.H. Smith
 var. colossus
cylindrisporus A.H. Smith in A.H. Smith & Zeller
deceptivus A.H. Smith in A.H. Smith & Zeller
defectus A.H. Smith in A.H. Smith & Zeller
diabolicus A.H. Smith in A.H. Smith & Zeller
ellenae A.H. Smith in A.H. Smith & Zeller
evadens A.H. Smith in A.H. Smith & Zeller
 var. evadens
 var. subalpinus A.H. Smith in A.H. Smith & Zeller
fallax A.H. Smith in A.H. Smith & Zeller
flavofibrillosus A.H. Smith
florecianus A.H. Smith in A.H. Smith & Zeller
fragrans A.H. Smith in A.H. Smith & Zeller
griseogleba A.H. Smith in A.H. Smith & Zeller
hawkerae A.H. Smith in A.H. Smith & Zeller
hysterangioides A.H. Smith -MICH-
idahoensis A.H. Smith in A.H. Smith & Zeller
inquinatus A.H. Smith in A.H. Smith & Zeller
kauffmanii A.H. Smith in A.H. Smith & Zeller
laetiflavus A.H. Smith in A.H. Smith & Zeller
luteorubescens A.H. Smith
luteoalboides A.H. Smith in A.H. Smith & Zeller
luteoalbus A.H. Smith in A.H. Smith & Zeller
luteoloides A.H. Smith in A.H. Smith & Zeller
luteolus Fr.
luteorubescens A.H. Smith in A.H. Smith & Zeller
lutescens A.H. Smith in A.H. Smith & Zeller
milleri A.H. Smith
molallaensis A.H. Smith in A.H. Smith & Zeller
monticola A.H. Smith in A.H. Smith & Zeller
molligleba A.H. Smith in A.H. Smith & Zeller
montigleba A.H. Smith in A.H. Smith & Zeller
mutabilis A.H. Smith in A.H. Smith & Zeller
obscurus A.H. Smith in A.H. Smith & Zeller
occidentalis Zeller & C.W. Dodge
ochraceisporus A.H. Smith in A.H. Smith & Zeller
ochraceobrunnescens A.H. Smith in A.H. Smith & Zeller
ochraceorubens A.H. Smith in A.H. Smith & Zeller
ochroleucoides A.H. Smith in A.H. Smith & Zeller
ochroleucus A.H. Smith in A.H. Smith & Zeller
olivaceofuscus A.H. Smith in A.H. Smith & Zeller
parvulus A.H. Smith in A.H. Smith & Zeller
pedicellus A.H. Smith in A.H. Smith & Zeller
pinyonensis K.A. Harrison & A.H. Smith
ponderosus
pseudoaffinis A.H. Smith in A.H. Smith & Zeller -BPI-
pseudoalbus A.H. Smith in A.H. Smith & Zeller

pseudoroseolus A.H. Smith in A.H. Smith & Zeller
 pseudovillosulus A.H. Smith in A.H. Smith & Zeller
 quercicola A.H. Smith in A.H. Smith & Zeller
 rogersii A.H. Smith in A.H. Smith & Zeller
 roseolus (Corda) Th. Fr.
rubescens (Tul. & C. Tul.) Tul. & C. Tul. -BPI, MICH-
var. rubescens -BPI, MICH-
var. ochraceous A.H. Smith in A.H. Smith & Zeller -BPI-
 var. pallidimaculatus A.H. Smith in A.H. Smith & Zeller
 var. rileyi A.H. Smith in A.H. Smith & Zeller
 rudus A.H. Smith in A.H. Smith & Zeller
 salebrosus A.H. Smith in A.H. Smith & Zeller
 semireticulatus A.H. Smith in A.H. Smith & Zeller
 semitectus A.H. Smith
 sordidus A.H. Smith in A.H. Smith & Zeller
 subareolatus A.H. Smith in A.H. Smith & Zeller
 subbadius A.H. Smith in A.H. Smith & Zeller
 subcaerulescens A.H. Smith in A.H. Smith & Zeller
 var. subcaerulescens
 var. subapannosus A.H. Smith in A.H. Smith & Zeller
 var. viridescens A.H. Smith in A.H. Smith & Zeller
 subcinnamomeus A.H. Smith in A.H. Smith & Zeller
 subcitrinus A.H. Smith in A.H. Smith & Zeller
 subclavitisporus A.H. Smith in A.H. Smith & Zeller
 subcroceus A.H. Smith in A.H. Smith & Zeller
 subgelatinosus A.H. Smith in A.H. Smith & Zeller
 sublateritius A.H. Smith in A.H. Smith & Zeller
 subolivascens A.H. Smith in A.H. Smith & Zeller
 subpurpurascens A.H. Smith
 subsalmonius A.H. Smith in A.H. Smith & Zeller
 var. subsalmonius
 var. griseolilascens A.H. Smith in A.H. Smith & Zeller
 var. persicinus A.H. Smith in A.H. Smith & Zeller
 var. roseitinctus A.H. Smith in A.H. Smith & Zeller
 var. similis A.H. Smith in A.H. Smith & Zeller
 udus A.H. Smith in A.H. Smith & Zeller
 umbrinoviolascent A.H. Smith in A.H. Smith & Zeller
 variabilisporus A.H. Smith in A.H. Smith & Zeller
 ventricisporus A.H. Smith in A.H. Smith & Zeller
 vesiculosus A.H. Smith in A.H. Smith & Zeller
 villescens A.H. Smith in A.H. Smith & Zeller
 villosulus Zeller & C.W. Dodge
 vinicolor A.H. Smith in A.H. Smith & Zeller
 vulgaris (Vittad.) M. Lange
 zelleri A.H. Smith in A.H. Smith & Zeller

RUSSULACEAE

Arcangeliella

camphorata (Singer & A.H. Smith) Pegler & T.W.K. Young
 crassa
 lactarioides
 tenax
 variegata

Gymnomyces

abietis Trappe & Castellanno
 ferruginascens Singer & A.H. Smith

Lactarius

- acerrimus** Britzelm. (if *L. insulsus* sensu Pearson)
alnicola A.H. Smith in Hesler & A.H. Smith
var. *alnicola*
var. *pitkinensis* A.H. Smith
alpinus Peck -NY-
var. *alpinus*
var. *mitis* Hesler & A.H. Smith
aspideoides Kühner
aspideus Fr. (if sensu A.A. Pearson = *L. flavidus* Boud.)
aurantiacus (Fr.) Gray
barrowsii Hesler & A.H. Smith
caespitosus Hesler & A.H. Smith -MICH, TENN-
camphoratus (Bull.) Fr.
carbonicola A.H. Smith in Hesler & A.H. Smith
cascadensis Hesler & A.H. Smith
chelidonium Peck
cilicioides Fr.
circellatus (Battarra) Fr.
var. *circellatus*
var. *borealis* Hesler & A.H. Smith
controversus (Pers.) Fr.
deliciosus (L.) Fr. -MICH, NY, UTC-
var. *deliciosus*
var. **areolatus** A.H. Smith -MICH, NY-
var. *piceus* Smotl.
fallax A.H. Smith & Hesler
var. *fallax*
var. *concolor* A.H. Smith & Hesler
fragilis (Burl.) Hesler & A.H. Smith
glyciosmus (Fr.) Fr.
hepaticus Plowr.
hysginus (Fr.) Fr.
var. *hysginus*
var. *americanus* Hesler & A.H. Smith
indigo (Schwein.) Fr.
insulsus (Fr.) Fr.
kauffmannii Hesler & A.H. Smith
var. *kauffmannii*
var. *sitchensis* Hesler & A.H. Smith
luculentus Burl.
Var. *luculentus*
var. *laetus* Hesler & A.H. Smith
mucidus Burl.
Var. *mucidus*
var. *fudcogriseus* Hesler & A.H. Smith
nordmanensis A.H. Smith in Hesler & A.H. Smith
oculatus (Peck) Burl.
Olivaeoumbrinus Hesler & A.H. Smith
olympianus Hesler & A.H. Smith -MICH-
pallescens Hesler & A.H. Smith
payettensis Hesler & A.H. Smith
var. *payettensis*
var. *pallescens* A.H. Smith in Hesler & A.H. Smith
piperatus (Scop.) Fr.
var. *piperatus* (Fr.) Gray
pseudomucidus Hesler & A.H. Smith
pubescens Fr. -MICH-
var. *pubescens*
var. *betulae* (A.H. Smith) Hesler & A.H. Smith
repraesentaneus Britzelm.

resimus (Fr.) Fr.
var. *resimus*
var. *intermedius* A.H. Smith in Hesler & A.H. Smith
var. *regalis* Peck
rubrilacteus Hesler & A.H. Smith
rufus (Scop.) Fr. –MICH-
var. *rufus*
var. *parvus* Hesler & A.H. Smith
sanguifluus Fr.
sanmiguelensis A.H. Smith
scrobiculatus (Scop.) Fr.
var. *scrobiculatus*
var. *canadensis* (A.H. Sm.) Hesler & A.H. Smith
sordidus Peck
subdolcis (Bull.) Gray
subflammeus Hesler & A.H. Smith
subpurpurascens Peck
thejogalus (Bull.) Gray
torminosus (Schaeff.) Gray
var. *torminosus*
var. *nordmanensis* (A.H. Smith) Hesler & A.H. Smith
trivialis (Fr.) Fr.
uvidus (Fr.) Fr. –MICH, NY-
var. *montanus* (Fr.) Fr.
vietus (Fr.) Fr.
zonarius (Bull.) Fr. (if: *L. insulsus* sensu Phillips)

Macowanites

acris Singer & A.H. Smith
albidigleba Singer & A.H. Smith
americanus Singer & A.H. Smith
citrinus Singer & A.H. Smith
fulvescens Singer & A.H. Smith
fuscoviolaceus Singer & A.H. Smith
iodiolens
lilacinus Singer & A.H. Smith
luteolus
nauseosus Singer & A.H. Smith
olidus Singer & A.H. Smith
pinicola Singer & A.H. Smith
pseudometricus Singer & A.H. Smith
subolivaceus Singer & A.H. Smith
subrosaceus Singer & A.H. Smith
vinicolor Singer & A.H. Smith

Martellia

brunnescens Singer & A.H. Smith
ellipospora (Zeller) Singer & A.H. Smith
foetens Singer & A.H. Smith
fragrans A.H. Smith
fulvispora A.H. Smith
idahoensis Singer & A.H. Smith
monticola (Harkn.) Singer & A.H. Smith
subochracea A.H. Smith

Russula

abietina Peck
adusta (Pers.) Fr.

aeruginea Fr. -UTC-
albidula Peck
albonigra (Krombh.) Fr.
alcalinicola Burl.
alutacea (Fr.) Fr.
americana
atropurpurea (Krombholtz) Britzemayr -UTC-
atroviolacea Burl.
azurea Bres.
basifurcata Peck
borealis Kauffman
brevipes Peck -MICH-
var. brevipes
var. acrior (Peck) Shaffer
cascadensis Shaffer
claroflava Grove
crassotunicata Singer -UTC-
cremoricolor Earle
cyanoxantha (Schaeff.) Fr.
decolorans Fr.
densifolia Secr. Ex Gillet
forma cremeispora Shaffer
dissimulans
emetica Fr.
farnipes Romell
fragilis (Pers.) Fr.
fragrantissima Romagn.
heterophylla Fr.
laurocerasi Melzer
lilaceae Quél.
Lutea Vent. or (Huds.) Fr.
marginata
mariae Peck (= R. mariae if sensu sensu auct.)
montana Shaffer -MICH, UTC-
mordax
nana Killerm.
nigricans (Bull.) Fr.
norvegica D.A. Reid
occidentalis Bon or Singer
olivacea (Schaeff.) Fr.
olivaceoviolascens
paludosa Britzelm.
parazurea Jul. Schöff.
pascua (F.H. Møller & Jul. Schaff.) Kühner
pectinata (Bull.) Fr.
pectinatoides Peck
robinsoniae Burl.
rosacea (Pers.) Fr. -UTC-
sanguinea (Bull.) Fr.
sardoniana Fr.
sororia Fr.
urens Romell
versicolor Jul. Schöff.
vesca Fr.
vinosa Linblad
subsp. occidentalis Singer
virescens (Schaeff.) Fr.

viscida Kudřna
xerampelina (Schaeff.) Fr. -NY-

SCHIZOPHARIACEAE

Hyphodontia
aspera (Fr.) J. Erikss.
pallidula (Bres.) J. Erikss.

SCHIZOPHYLLACEAE

Henningsomyces
candidus (Pers.) Kuntze
idahoensis

Schizophyllum

commune (L.) Fr. -UBC-

SCHIZOPORACEAE

Oxyporus
cuneatus (Murrill) Aoshima

SCLERODERMATACEAE

Astraeus

hygrometricus (Pers.) Morgan -BPI, MICH-
petrificus
pteridis Zeller

Scleroderma

areolatum Ehmb. -BPI-
cepa Pers. -BPI-
citrinum Pers.
hypogaeum Zeller
michiganense

SEPTOBASIDICEAE

Septobasidium
melioloides -OSC-

SISTOTREMATACEAE

Trechispora
pseudoferruginea

SPARASSIDACEAE

Sparassis
crispa (Wulfen) Fr.

STECCHERINACEAE

Diplomitoporus

crustulinus (Bres.) Domański -BPI-

Steccherinum

Adustum (Schwein.) Z.S. Bi & G.Y. Zheng -BPI-

STEREACEAE

Aleurodiscus

abietietis Lyon & P.A. Lemke
amorphus Rabenh.

bertii Lloyd
diffusus (Sacc.) Burt
lividocaeruleus (P. Karst.) P.A. Lemke
penicillatus Burt
spiniger D.P. Rogers & P.A. Lemke
tsugae Yasuda
weirii Burt
utahensis Lindsey & Gilb. -BPI-

Stereum

regisporum -BPI-
rufum if (Fr.)Fr. = *Peniophora rufa* (Pers.) Boidin or if sensu auct., pro parte = *Eichleriella deglubens* (Berk. & Broome) Lloyd -BPI-
rugisporum (Ellis & Everh.) Burt -BPI-
sanguinolentum (Alb. & Schwein.) Fr.

STROPHARIACEAE

Hypholoma

capnoides (Fr.) Quel.
coronatum (Fr.) P. Karst.
dispersum (Fr.) Quel.
var. idahoensis A.H. Smith
fasciculare (Huds.) Quel.
polytrichi (Fr.) Rickm
rigidipes Peck
udum (Pers.) Kühner

Kuehneromyces

apinus A.H. Smith in Hesler & A.H. Smith
carbonicola A.H. Smith
lignicola (A.H. Sm. & Hesler) M.M. Moser
mutabilis (Schaeff.) Singer & A.H. Smith
vernalis (Peck) Singer & A.H. Smith

Mythiocomyces

corneipes (Fr.) Redhead & A.H. Smith

Nivatogastrium

nubigenum (Harkn.) Singer & A.H. Smith

Pholiota

abietis A.H. Smith & Hesler
aggulutina A.H. Smith & Hesler
angustipes Peck
alnicola (Fr.) Singer
astragalina (Fr.) Singer
atripes A.H. Smith & Hesler
aurantioflava A.H. Smith & Hesler
aurea (Matt.) Pers.
aurivella (Batsch) Fr.
aurivelloides Overh.
avellaveifolia A.H. Smith & Hesler
baptistae
baptistii A.H. Smith & Hesler
brevistipes A.H. Smith & Hesler
brunnea A.H. Smith & Hesler

brunnescens A.H. Smith & Hesler
carbonaria A.H. Smith or (Fr.) Singer
condensa (Peck) A.H. Smith & Hesler
conica A.H. Smith & Hesler
connata A.H. Smith & Hesler
coprinophila
curcuma (Berk. & M.A. Curtis) A.H. Smith & Hesler
curvipes (Fr.) Quel.
decorata (Murrill) A.H. Smith & Hesler
 var. decorata
elongatipes (Peck) A.H. Smith & Hesler
fagicola (Murrill) Kauffman
fasciculare (Fr.) Karst.
ferruginea A.H. Smith & Hesler
ferrugineo-lutescens A.H. Smith & Hesler
filamentosa (Schaeff.) Fr.
flammans (Batsch) P. Kumm.
flavida (Schaeff.) Singer (= P. alnicola if sensu auct. Brit.)
 var. flavida
 var. graveolens A.H. Smith & Hesler
flavopallida A.H. Smith & Hesler
flavovelata
foedata (Peck) A.H. Smith & Hesler
fulviconica
fulvodisca A.H. Smith & Hesler
fulvozonata A.H. Smith & Hesler
graveolens (Peck) A.H. Smith & Hesler
gruberi A.H. Smith & Hesler
gummosa (Lasch) Singer
hiemalis A.H. Smith & Hesler
highlandensis (Peck) A.H. Smith & Hesler
 var. highlandensis
humidicola (Murrill) A.H. Smith & Hesler
humii A.H. Smith & Hesler
laracina
lenta (Pers.) Singer (= P. mixta (Fr.) Kuyper & Tjall.-Beuk. If sensu Wakefield & Dennis)
limonella Peck
lubrica (Pers.) Singer
 var. lubrica
 var. luteifolia A.H. Smith & Hesler
lurida A.H. Smith & Hesler
macrocystis A.H. Smith & Hesler
malicola (Kauffman) A.H. Smith
 var. macropoda A.H. Smith & Hesler
marginella Peck
milleri A.H. Smith & Hesler
molesta A.H. Smith & Hesler
myosotis (Fr.) Singer
nigripes A.H. Smith & Hesler
obscura A.H. Smith & Hesler
occidentalis A.H. Smith & Hesler
 var. luteifolia A.H. Smith & Hesler
olivaceobrunnea A.H. Smith & Hesler
pallida A.H. Smith & Hesler
piceina (Murrill) A.H. Smith & Hesler
polychroa (Berk.) A.H. Sm. & H.J. Brodie
populicola A.H. Sm. & Hesler

populnea (Pers.) Kuyper & Tjall.-Beuk.
proximans A.H. Smith & Hesler
pseudopulchella
pulchella A.H. Smith & Hesler
var. pulchella
var. brevipes A.H. Smith & Hesler
rhodospora
ripariae A.H. Smith & Hesler
rivulosa A.H. Smith & Hesler
rubronigra A.H. Smith & Hesler
rufodisca A.H. Smith & Hesler
scamba (Fr.) M.M. Moser
scamboides A.H. Smith & Hesler
sienna
spumosa (Fr.) Singer
squamosa -BPI- (likely a typo for P. squarosa)
squarosa (Weigel) P. Kumm. -UTC-
var. squarrosa
squarrosoides (Peck) Sacc.
stratosus A.H. Smith & Hesler
subangularis A.H. Smith & Hesler
subcaerulea
subechinata A.H. Smith & Hesler
subflavida (Murrill) A.H. Smith & Hesler
subfulva (Peck) A.H. Smith & Hesler
sublubrica A.H. Smith & Hesler
subochracea (A.H. Sm.) A.H. Smith & Hesler
subpapillata A.H. Smith & Hesler
subsaponacea A.H. Smith & Hesler
subsulphurea A.H. Smith & Hesler
subvelutina A.H. Smith & Hesler
terrestris Overh. -UTC-
tetonensis
trachyspora
umbilicata A.H. Smith & Hesler
velaglutinosa A.H. Smith & Hesler
velata
velutipes A.H. Smith & Hesler
verna
vernalis (Peck) A.H. Smith & Hesler
vialis (Murrill) A.H. Smith & Hesler
vinaceobrunnea A.H. Smith & Hesler

Psilocybe

angustispora
azurescens Stamets & Gartz{?}
baecystis
chionophila Lamoure
coprophila (Bull.) P. Kumm.
cyanescens Wakef.
fimataria (P.D. Orton) Watling
inequilina (Fr.) Bres.
laticystis
montana (Pers.) P. Kumm.
pelliculosa (A.H. Sm.) Singer & A.H. Sm.
physaloides (Bull.) Quél.

silvatica (Peck) Singer & A.H. Sm.
strictipes Singer & A.H. Sm.
stuntzii
subborealis Guzman & A.H. Smith
subfimetaria

Stropharia

albonitens (Fr.) P. Karst.
ambigua (Peck) Zeller
aeruginosa (Curtis) Quel.
coronilla (Bull.) Fr. or W. Saunders & W.G. Smith
hornemannii (Fr.) S. Lundell & Nannf.
kauffmannii
pseudocyanea Berk.
riparia A.H. Smith
semiglobata (Batsch) Quel.
umbonatescens (Britzelm.) Sacc. & Traverso or Peck

Weraroa

coprophila A.H. Smith
cucullata (Seaver & Shop) Thiers & Watling
nivalis A.H. Smith

SUILLACEAE

Boletinus

cavipes (Opat.) Kalchbr.

Suillus

albivelatus A.H. Smith, Thiers & O.K. Miller
amabilis (Peck) Singer
americanus (Peck) Snell
borealis
brevipes (Peck) Kuntze -NY, UTC-
cavipes (Opat.) A.H. Smith & Thiers
flavidus (Fr.) Singer -UTC-
flavogrannulatus A.H. Smith et al
fuscotomentosus Thiers & A.H. Smith -UTC-
granulatus (L.) Snell -NY-
grevillei (Klotzsch) Singer
kiababensis Thiers -UTC-
lakei (Murrill) A.H. Sm. & Thiers -NY, UTC-
luteus (L.) Gray
ochraceourosus (Snell) Singer
pallidiceps A.H. Smith & Thiers
pseudobrevipes A.H. Smith & Thiers -UTC-
punctipes (Peck) Singer
salmonicolor (Frost) Halling
sibericus (Singer) Singer
tomentosus (Kauffman) Singer -NY, UTC-
var. *discolor* A.H. Smith, Thiers & O.K. Miller
umbonatus E.A. Dick & Snell -BPI (annotated by M. Moser as *S. flaviatus*)-
variegatus (Sw.) Kuntze

Truncocolumella

citrina Zeller
var. *separabilis* A.H. Smith in A.H. Smith & Zeller
smithii Trappe

THELEPHORACEAE

Polyozellus

multiplex (Underw.) Murrill

Thelephora

americana Lloyd

anthocephala Fr.

var. *americana* (Peck) Corner

var. *clavularis* Quel.

caryophyllea Fr.

cervicornis Corner

griseozonata Cke.

intybacea Fr.

penicillata Fr.

var. *byssoideofimbriata* Bourd. *Et Galz.*

Forma *subfimbriata* Bourd. *Et Galz.*

regularis Sew.

Var. *multipartia* (Schw.) Corner

terrestris Fr.

vialis Schw.

Tomentella

pseudoferruginea Skovst.

TREMELLACEAE

Tremella

mesenterica Retz. -UTC-

TRICHOLOMATACEAE

Arrhenia

acerosa (Fr.) Kühner

auriscalpia (Fr.) Fr.

lobata (Pers.) Kühner & Lamoure *ex* Redhead

retiruga (Bull.) Redhead

Callistosporium

luteo-olivaceum (Berk. & M.A. Curtis) Singer

Calocybe

chrysenteron (Bull.) Singer

onychina (Fr.) Donk

Calyptella

capula (Holmsk.) Quel.

Camarophyllopsis

foetens (W. Phillips) Arnolds

virgineus (Wulfen) P. Kumm.

Cantharellula

umbonata (J.F. Gemel.) Singer

Cantharocybe

gruberi (A.H. Smith) H.E. Bigelow & A.H. Smith

Catathelasma

evanescens Lovejoy
imperiale (Fr.) Singer
ventricosum (Peck) Singer

Caulorhiza

hygrophoroides (Peck) Halling -UTC-

Cheimonophyllum

candidissimum (Berk. & M.A. Curtis) Singer

Chromosera

cyanophylla (Fr.) Redhead, Ammirati & Norvell

Chrysomphalina

chrysophylla (Fr.) Cléménçon
grossula (Pers.) Norvell, Redhead & Ammirati

Clitocybe

albomontana
alborhiza H.E. Bigelow & A.H. Smith -UTC-
alutaceotincta H.E. Bigelow
americana H.E. Bigelow
candicans Pers.
candida Pers.
caperata H.E. Bigelow
crassa H.E. Bigelow & A.H. Smith
dealbata Sowerby
deceptiva (Fr.) Kummer
dilatata (Pers.) P. Karst.
dryadicola (J. Favrea) Harmaja
epichysium (Fr.) Bigelow
epigaea H.E. Bigelow
flaccida (Sowerby) P. Kumm.
gibba (Pers.) P. Kumm.
idahoensis H.E. Bigelow
impolita H.E. Bigelow
irina (Fr.) H.E. Bigelow & A.H. Smith
nebularis (Batsch) Quéf.
odora (Buul.) Fr.
pallidipes H.E. Bigelow
payettensis H.E. Bigelow
profundidisca H.E. Bigelow
pseudamarginella H.E. Bigelow
pungens H.E. Bigelow
squamosa H.E. Bigelow
squamosa (Pers.) Fr.
var. montana H.E. Bigelow
variabilis Murrill
varispora H.E. Bigelow
utahensis H.E. Bigelow

Clitocybula

abundans
atroalba
familia (Peck) Singer
lacerata (Lasch) Singer

oculata

Collybia

agricola Murrill
bakerensis
cirrhata (Schumach.) P. Kumm. (if sensu Cooke = *C. cookei*)
cookei (Bres.) Arnold
familia Peck
tuberosa (Bull.) Quel.

Cystoderma

amianthinum (Scop.) Harmaja
fallax A.H. Smith & Singer
granulosum (Batsch) Fayod
gruberianum

Fayodia

bisphaerigera (J.E. Lange) Singer

Floccularia

albolaripes (G.F. Atk.) Redhead
luteovirens
straminea (Krombh.) Pouzar

Gamundia

striatula (Kühner) Raitheh.

Gymnopus

acervatus (Fr.) Murrill
contrarius (Peck) Halling
dryophilus (Bull.) Murrill
fuscopurpureus (Pers.) Antonín, Halling & Noordel.

Hemimycena

delectabilis (Peck) Singer
delicatella (Peck) Singer
gracilis (Qué.) Singer
lactea (Pers.) Singer
mauretana (Maire) Singer
pseudolactea (Kühner) Singer

Hydropus

marginella (Pers.) Singer
scabripes (Murrill) Singer

Hygrocybe

caliciphila Orton
conica (Scop.) P. Kumm.
nigrescens (Qué.) Kühner (if other = *H. conica*)
pratensis (Pers.) Bon
psittacina (Fr.) Fr.

Hygrophorus

acutoconicus (Clem.) A.H. Smith
var. acutoconicus
acutoides A.H. Smith & Hesler
var. acutoides

agathosmus Fr.
 amarus A.H. Smith & Hesler
 angelesianus A.H. Sm. & Hesler
 avellaneifolius A.H. Smith & Hesler
 bakerensis A.H. Smith & Hesler
 borealis Peck
 forma borealis
 burgdorfensis Hesler & A.H. Smith
 caeruleus O.K. Miller
 calophyllus P. Karst.
 camarophyllus (Alb. & Schwein.) Dumeé, Grandjean & Maire
 capreolarius Kalchbr.
 Chlorophanus (Fr.) Fr.
 chrysodon (Batsch) Fr.
 colemannianus A. Bloxam
 conicus (Scop.) Fr.
 cossus (Sowerby) Fr.
 cremicolor (Murrill) Murrill
 discoideus (Pers.) Fr.
 eberneus (Bull.) Fr.
 var. eberneus
 ellenae (Bull.) Fr.
 erubescens Fr.
 var. erubescens
 flavodiscus Frost
 foetens W. Phillips [if W. Phillips (1878), (=Camarophylloopsis foetens)]
 fuliginosus Frost
 fuscoalboides Hesler & A.H. Smith
 fuscoalbus (Lasch) Fr. [if sensu NCL (1960), non. Cooke, non. Rea (1922) = Hygrophorus latitabundus]
gliocyclus Fr. -UTC-
 hondurensis (Murrill) Murrill
 hypothejus Fr.
inocybiformis A.H. Smith -UTC-
 laetus (Pers.) Fr.
 laurae Morgan
 luteo-omphaloides
 lucorum Kalchbr.
 marginatus Peck
 var. marginatus
 var. olivacea
 marzuolus (Fr.) Bres.
 miniatus (Fr.) Fr.
 var. miniatus
 monticola Hesler & A.H. Smith
 minutula
 morrisii Peck
 nordmanensis Hesler & A.H. Smith
 odoratus A.H. Smith & Hesler
olivaceoalbus (Fr.) Fr. -UTC-
 var. olivaceoalbus
 var. gracilis
 var. intermedius -UTC-
 pacificus A.H. Smith & Hesler
 pallidus Peck
 piceae Kuhner
 ponderatus Britzelm.
 pratensis (Pers.) Bon
 psittacina Fr.

pudorinus Fr.
 forma *pudorinus*
 var. *fragrans*
purpurascens (Alb. & Schwein.) Fr.
pusillus Peck
pustulatus (Pers.) Fr.
rainierensis Hesler & A.H. Smith
reae Maire
recurvatus Peck
russula (Fr.) Kauffman
saxatilis A.H. Smith & Hesler
siccipes A.H. Smith & Hesler
speciosus Peck
 var. *speciosus*
 var. *kauffmanii*
subalpinus A.H. Smith
sublilacinus A.H. Smith
subminiatus Murrill
subpurpurascens Allesch.
Subviolaceus Peck
tephroleucus (Pers.) Fr.
 var. *tephroleucus*
turundus (Fr.) Fr.
 var. *turundus*
 var. *sphagnophilus*
velatus Hesler & A.H. Smith
vinicolor Hesler & A.H. Smith
virginicus (Wulfen) Fr. (1838), (=Camarophyllus *virginicus*)

Hypsizygus
 tessulatus (Bull.) Singer

Lepista
 cespitosa (Bres.) Singer
 diatreta
 flaccida (Sowerby) Pat. (1887), (=Clitocybe *flaccida* (Sowerby) P. Kumm.)
 harperi
 idahoensis (Bigelow) Harmaja
 irina (Fr.) H.E. Bigelow
 var. *irina*
 var. *luteospora*
 nebularis (Fr.) Harmaja (1974), (=Clitocybe *nebularis* (Batsch) Qué.)
 nuda (Bull.) Cooke
 personata (Fr.) Cooke
 praemagna
 robusta
 saeva (Fr.) P.D. Orton (1960), (=L. *personata*)
 sordida (Fr.) Singer
 subconnexa (Murrill) Harmaja
 tarda

Leucopaxillus
 albissimus (Peck) Singer
 var. *monticola* Singer & A.H. Smith
 amarus (Alb. & Schwein.) Kühner
 forma *roseibrunneus* S. & S.
 sf. *Majusculus* Singer & A.H. Smith
 gentianeus (Quel.) Kotl.

giganteus (Quél.) Kotl. or (Sowerby) Singer
laterarius (Peck) Anon.
Septontrionalis Singer & A.H. Smith

Lyophyllum

canescentipes Cléménçon & A.H. Smith
decastes (Fr.) Singer
fistulosum Cléménçon & A.H. Smith
infumatum (Bres.) Kühner
leptosarx Cléménçon & A.H. Smith
montanum A.H. Smith -UTC-
semitale (Fr.) Kühner ex Kalamees

Megacollybia

platyphylla (Pers.) Kotl. & Pouzar

Melanoleuca

angelesiana
cognata (Fr.) Konrad & Maubl.
evenosa (Sacc.) Konrad [if sensu auct. Brit. = *M. strictipes* (P. Karst.) Jul. Schäff.]
graminicola (Velen.) Kühner & Maire [if Kühner & Romagn. = *M. melaleuca* var. *melaleuca*] -UTC-
humilis (Pers.) Pat. [if sensu Breitenbach & Kranzlin = *M. turrita* (Fr.) Singer]
melaleuca (Pers.) Murrill
microspora (Ellis) Murrill or O.K. Mill.
polioleuca G. Moreno

Mycena

adonis (Bull.) Fr.
alcalina (Fr.) Quel.
alcaliniformis Murrill
alnicola A.H. Smith
amabilissima Peck
amicta (Fr.) Quel.
atroalboides (Peck) Sacc.
aurantiidisca Murrill
aurantiomarginata (Fr.) Quel.
capillaripes Peck
capillaris (Schumach.) Gillet or P. Karst.
chloranthoides Maas Geest.
cinerella P. Karst.
citrinomarginata Gillet
clavicularis (Fr.) Gillet
cookei W.B. Cooke
debilis (Fr.) Quel.
deceptor Maas Geest.
delectabilis (Peck) Sacc.
delicatella (Peck) Singer
elegans (Pers.) Quel.
elegantula Peck -UTC-
epipterygia (Scop.) Gray
var. *epipterygia*
var. *epiptergoides* (Per.) Kuhn sensu Smith
var. *viscosa*
epipterygioides A. Pearson
fibula (Bull.) Kühner
flavoalba (Fr.) Quel.
var. *microspora* A.H. Smith

fragillima A.H. Smith
galericulata (Scop.) Schaeff.
gracilis (Quel.) Kühner
haematopus (Fr.) Quel.
hudsoniana A.H. Smith
iodiolens S. Lundell
latifolia Peck
leptocephala (Pers.) Gillet
lilacifolia (Peck) A.H. Smith
maculata P. Karst.
marginella (Fr.) Quel.
 var. marginella
mauretanica (Maire) Kühner
metata (Fr.) Quel.
mirata Peck
misera (Fr.) A.H. Smith
monticola A.H. Smith
murina Murrill
nodulosa A.H. Smith
occidentalis Murrill
oregonensis A.H. Smith
overholtsii A.H. Smith & Solheim
parabolica (Fr.) Quel.
paucilamellata A.H. Smith
pelianthina (Fr.) Quel.
pinicola G. Stev.
plicosa (Fr.) Gillet
plumbea (Fr.) Sacc.
 var. robusta A.H. Smith
psammicola (Berk. & Broome) Sacc.
pseudoclavicularis A.H. Smith
pterigena (Fr.) Quel.
pura (Pers.) Sacc.
purpureofusca Peck -UTC-
pusilla A.H. Smith
rainierensis A.H. Smith in A.H. Smith & Stuntz
robusta (A.H. Sm.) Maas Geest.
rorida (Scop.) Quel.
roseipallens Murrill
rosella (Fr.) Quel.
rubromarginata (Fr.) Gillet & P. Kumm.
scabripes Murrill
stannea (Fr.) Quel.
strobilinoidea Peck
stylobates (Pers.) Quel.
subaquosa A.H. Smith
subceracea
subplicosa P. Karst.
thujina A.H. Smith
vulgaris (Pers.) Gray

Nyctalis

lycoperdoides (Pers.) Konrad & Maubl.
parasitica (Bull.) Fr.

Omphalina

chrysophylla (Fr.) M.M. Moser or Murrill
var. salmonispora H.E. Bigelow
epichysium (Pers.) Quel. -UTC-
ericetorum (Pers.:Fr.) H.E. Bigelow
marchantiae (Singer & Cléménçon) Norvell, Redhead & Ammirati
postii (Fr.) Singer
pyxidata (Bull.) Quéf.
rivulicola (J. Favre) Lamoure
virgultorum
viridis (Hornem.) Kuyper
wynniae (Berk. & Broome) P.D. Orton

Panellus

mitis (Pers.) Singer
serotinus (Schrad.) J.G. Kühn
stipticus (Bull. ex Fr.) Karst.

Phaeolepiota

aurea (Fr.) Maire

Phyllotopsis

nidulans (Pers.) Singer -TENN, UTC-

Phytoconis

ericetorum (Pers.) Redhead & Kuyper

Pleurocybella

porrigens (Pers.) Singer

Pseudoarmillariella

ectypoides (Peck) Singer

Pseudoclitocybe

cyathiformis (Bull.) Singer

Rickenella

fíbula (Bull.) Raitheh.
mellea (Singer & Clem.) Lamoure
swartzii (Fr.) Kuyper

Squamanita

paradoxa (A.H. Smith & Singer) Bas
pearsonii Bas

Tricholoma

acre
aestuans (Fr.) Gillet
atrosquamosum (Chevall.) Sacc.
atroviolaceum
aurantio-olivaceum A.H. Smith
aurantium (Schaeff.) Ricken (if sensu Cooke = T. focale)
caligatum (Viv.) Ricken
cheilolaminium
cingulatum (almfelt) Jacobashch
flavovirens (Pers.) S. Lundell
focale (Fr.) Ricken
fulvum (DC.) Sacc.

fumosoluteum Peck
imbricatum (Fr.) Quel.
inamoenum (Fr.) Gillet
leucophyllum Ovrebo & Tylutki
luteomaculosum
magnivelare (Peck) Redhead
melaleucum (Pers.) P. Kumm. Or Secr.
mutabile Shanks
myomyces (Pers.) J.E. Lange
odorum Peck
orirubens Quel.
pardinum Quel. -NY-
pessundatum (Fr.) Quel.
Populinum Fr.
saponaceum (Fr.) P. Kumm. -NY-
scalpturatum (Fr.) Quel. -NY-
sejunctum Fr.
stans (Fr.) Gillet
subluteum Peck
subsejunctum Peck
sulphureum Rick
terreum (Schaeff.) Quel.
transmutans (Peck) Sacc.
vaccinum (Schaeff.) P. Kumm.
vernaticum Shanks
virgatum (Fr.) P. Kumm.
zelleri

Tricholomopsis

bella
decora (Fr.) Singer
fallax A.H. Smith -UTC-
flavissima (Sm.) Singer
glaucipes
rutilans (Schaeff.) Singer
sulphureoides (Peck) Singer

Xeromphalina

brunneaola O.K. Miller
campanella (Batsch) Maire
campanelloides
cauticinalis (With.) Kühner & Maire -UTC-
cirris
corui
fulvipes (Murrill) A.H. Smith
parvibulbosa

TUBULICRINACEAE

Tubulicrinis
glebulosa (Bres.) Donk
subulatus (Bourdot & Galzin) Donk

TULOSTOMATACEAE

Battarrea

phalloides (Dicks.) Pers. -BPI-
griffithsii Underw. ex V.S. White -BPI-

stevenii (Lib.) Fr.

Chlamydopus

meyenianus (Klotzsch) Lloyd

Tulostoma -MICH-

albicans V.S. White

albocretaceus Long

album Masse

americanum Lloyd

brumale Berk. or Pers.

campestre Morgan

chudaei Pat.

cretaceum Long

delbustoi J.E. Wright

excentricum Long

fimbriatum Fr.

var. campestre (Morgan) G. Moreno

var. egranulosum (Lloyd) J.E. Wright

var. tuberculatum (V.S. White) J.E. Wright

forma fibrillosum (V.S. White) J.E. Wright

fusipes Hariot & Pat.

giganteum J.E. Wright

gracile V.S. White

herteri Lohwag & Swoboda

innermongolicum B. Liu

involucratum Long

jourdani Pat.

meridionale J.E. Wright

meristostoma Long

mohavei Lloyd

montanum Pat.

nanum (Pat.) J.E. Wright

obesum Cooke & Ellis

obscurum J.E. Wright

occidentale Lloyd

opacum

poculatum V.S. White -BPI_

pulchellum Sacc.

punctilabratum Long

simulans Lloyd -BPI-

squamosum Pers.

striatum G. Cunn.

subfuscum V.S. White

theirsii J.E. Wright

utahense J.E. Wright

volvulatum I.G. Borshch. -UBC-

var. volvulatum

var. elatum Pat.

var. obesum (Cooke & Ellis) J.E. Wright

vulgare Long & Ahmad

TYPHULACEAE

Typhula

idahoensis Remsberg