

Survey and Manage Gilled Fungi Description Form

Provide notes and circle as many of the characters from grouped character sets as appropriate.

Genus/species: _____ Mycology team collection number: _____
Other collector's number: _____ Date: _____
Collected by: _____

Ecology:

Dominant trees and shrubs: _____
Growth habit: single scattered caespitose grouped
Age of specimens: immature mature old mixed
Substrate (circle one): On duff: pine cone leaves needles twig litter
On soil: mineral humus
On wood: conifer hardwood Species: _____
Other: fungus insect

General characters (write range of dimensions in mm for multiple specimens)

Color of spore print: _____
Height of entire specimen: _____ Length of stem: _____
Width of cap: _____ Height of cap at center: _____
Width of stem at apex: _____ Widest width of stem: _____
Odor: mild strong pleasant unpleasant Other: _____
Taste (don't swallow): mild strong pleasant unpleasant peppery Other: _____

Color (note color gradations, spots, streaks, bruising reactions, changes with age or drying)

Cap surface: _____
Hygrophanous (watery appearance when wet; changes color when losing moisture): N Y
Cap flesh: _____
Gills: _____ Gill edge: concolorous darker lighter
Stem surface: _____
Stem flesh: _____

Cap characters:

Latex: N Y Latex color: _____
Surface texture: dry greasy sticky slimy
Surface ornamentation: smooth pubescent fibrillose cracked wrinkled scaly granular warty
Shape: convex conic bell-shaped plane depressed umbilicate funnel mammilate umbonate
Other: _____
Margin shape: straight uplifted recurved inrolled incurved
Contours of margin: striate even wavy irregular appendiculate Other: _____
Flesh consistency: fleshy brittle spongy tough chalky Other: _____

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Stem characters:

Stem shape: equal ventricose tapered at apex tapered at base radicate (rooted) clavate bulbous twisted

Other: _____

Surface texture: viscid sticky dry polished smooth fibrillose punctate

Surface ornamentation: smooth pruinose (powdered at apex) scaly fibrillose tomentose

Other: _____

Stem consistency: cartilaginous fibrous chalky Other: _____

Flesh texture: solid stuffed hollow Other: _____

Gill characters:

Attachment to stem: free adnexed adnate sinuate decurrent Other: _____

Edge shape: entire scalloped wavy serrate eroded Other: _____

Veil:

Any veil or veil remnants present: N Y if yes, complete the following:

Partial veil: N Y Veil color: _____

Veil structure: membranous fibrillose cortina slimy

Annulus: N Y General position of annulus: apical central basal

Annulus type: single double Annulus color: _____

Universal veil: N Y Volva shape: saccate collared sheathing concentric zones

Volva color: _____

Remnants present on cap: N Y Color of remnant: _____

Notes/Sketch:

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Survey and Manage Nongilled Fungi Description Form
Elfin saddles, Cups, Club-like fungi, Cantharellaceae, Tooth fungi Jelly fungi

Provide notes and circle as many of the characters from grouped character sets as appropriate.

Genus/species: _____ Mycology team collection number: _____
 Other collector's number: _____ Date: _____
 Collected by: _____

Ecology:

Dominant trees and shrubs: _____
 Growth habit: single scattered caespitose grouped
 Age of specimens: immature mature old mixed
 Substrate (circle one): On duff: pine cone leaves needles twig litter
 On soil: mineral humus
 On wood: conifer hardwood Species: _____

General characters (write range of dimensions in mm for multiple specimens)

Sporocarp type: Morel-types Elfin saddles Cups Club-like fungi Cantharellaceae Tooth fungi Jelly fungi
 Height of entire specimen: _____ Length of stem: _____
 Width of cap: _____ Cap flesh thickness: _____
 Odor: mild strong fragrant farinaceous Other: _____
 Taste (don't swallow): mild strong sweet bitter hot Other: _____
 Sporocarp shape: cup disk cushion rabbit-ear truncate club spatulate "mushroom"-like saddle-stipitate
 brain-stipitate pitted-stipitate funnel cantherelloid Other: _____
 Flesh consistency (in cross-section): gelatinous fleshy brittle tough rubbery spongy
 Flesh color and bruising: _____
 Cap color (top of chanterelle or tooth fungus): _____
 Hymenium color (spore-bearing surface): _____
 Abhymenium color (opposite spore-bearing surface): _____
 Abhymenium/cap texture: smooth pubescent scaly granular warty fibrillose greasy sticky dry silky
 hygrophanous (changing color when losing moisture)

Stem characters (if present, use cross-section for measurement):

Stem present: N Y (if yes, then continue)
 Length (mm): _____ Width at widest point (mm): _____ Width at base (mm): _____
 Shape: equal ventricose tapered at apex tapered at base compressed
 Other: _____
 Stem flesh texture: gelatinous firm solid stuffed hollow
 Flesh color: _____ Surface color: _____
 Surface character: dry moist viscid smooth tomentose ribbed scaly folded grooved wrinkled
 fibrillose Other: _____

Survey and Manage Coral Fungi Description Form

Provide notes and circle as many of the characters from grouped character sets as appropriate.

Genus/species: _____ Mycology team collection number: _____
 Other collector's number: _____ Date: _____
 Collected by: _____

Ecology:

Dominant trees and shrubs: _____
 Age of specimens: immature mature old mixed
 Substrate (circle one): **On duff:** pine cone leaves needles twig litter
 On soil: mineral humus
 On wood: conifer hardwood Species: _____

General characters (write range of dimensions in mm for multiple specimens)

Height of entire specimen (mm): _____ Crown diameter (mm): _____
 Width of stem: _____ Width of stem at base: _____
 Odor: not distinct weak strong sweet anise beany pungent unpleasant musty earthy citrus
 Taste (don't swallow): not distinct mild strong bitter acrid *Other:* _____

Surface color (Write range for multiple specimens; note color gradations, spots, streaks, and bruising):

Tips: _____
 Branches: _____

 Stem: _____

 Bruising (note color and location): _____
 Yellow band at junction of stem and branches (fades after picking and in older specimens): N Y

Color of flesh in cross section:

Tips: _____
 Branches: _____
 Stem: _____
 Rusty root present (pale brown band in lower stipe when cut longitudinally; can look like a water mark): N Y

Branch and stem characters:

Stem form: massive chunky slender single fused fascicled
 Stem flesh consistency (one or more): solid hollow fleshy-fibrous brittle rubbery-cartilaginous
 firm-cartilaginous slimy-cartilaginous marbled-gelatinous *Other:* _____
 Branch consistency: fragile firm fleshy-fibrous cartilaginous brittle rubbery firmly-gelatinous
 slimy-gelatinous) *Notes:* _____
 Rhizomorphs present (white threads at base): N Y
 Reaction of Melzer's reagent on interior stem flesh (optional): amyloid dextrinoid none

Survey and Manage Sequestrate Fungi Description Form

Provide notes and circle as many of the characters from grouped character sets as needed

Genus/species: _____ Mycology team collection number: _____

Other collector's number: _____ Date: _____

Collected by: _____

Ecology:

Dominant trees and shrubs: _____

Growth habit: single scattered grouped

Age of specimens: immature mature old mixed

Substrate (circle one): In duff: pine cone leaves needles twig litter

In soil: mineral humus

On wood: conifer hardwood Species: _____

General characters (write range of dimensions in mm for multiple specimens)

Height (mm) _____ Width (mm): _____

Shape: globose subglobose irregular top-shaped

Overall consistency: tough crisp rubbery friable hard powdery inside

Odor: mild strong pleasant unpleasant Describe: _____

Peridium (outer surface):

Color immediately upon collection: _____

Color changes or bruising: _____

Texture: warty smooth tomentose wrinkled folded crusty

Color change with KOH 5% (when available): _____

Separable from gleba (inner portion): N Y Thickness (mm): _____

Flesh consistency: tough crisp rubbery friable hard

Rhizomorphs present: N Y If yes, attachment: at base along sides overall

Rhizomorph color and changes: _____

Gleba (inner portion: describe when cut in half):

Arrangement: solid veined gilled convoluted chambered

Texture: powdery cottony marbled gelatinous waxy

Color: _____

Color changes and bruising after 5 minutes: _____

Latex present: N Y Latex color: _____

Columella present (sterile differentiated tissue): N Y If yes: single robust joins apex of peridium dendritic

Columella color: translucent opaque Other: _____

Stem present: N Y If yes, as: basal pad distinct stem