This Provisional List of **Terrestrial Fungi** of Big Creek Reserve is taken is taken from :

(GH) Hoffman, Gretchen 1983 "A Preliminary Survey of the Species of Fungi of the Landels-Hill Big Creek Reserve", unpublished manuscript Environmental Field Program, University of California, Santa Cruz Santa Cruz

note that this preliminary list is incomplete, nomenclature has not been checked or updated, and there may have been errors in identification. Many species' identifications are based on one specimen only, and should be considered provisional and subject to further verification.

family	latin name	notes
Agaricaceae	Agaricus californicus	possible; no specimens collected
Agaricaceae	Agaricus campestris	a specimen in grassland soils
Agaricaceae	Agaricus hondensis	possible; no spcimens collected
Agaricaceae	Agaricus silvicola group	several in disturbed grassland soils
Agaricaceae	Agaricus subrufescens	one specimen in oak woodland roadcut soil
Agaricaceae	Agaricus subrutilescens	Two specimenns in pine-manzanita woodland
Agaricaceae	Agaricus arvensis or crocodillinus	One specimen in grassland soil
Agaricaceae	Agaricus sp. (cupreobrunues?)	One specimen in grassland soil
Agaricaceae	Agaricus sp. (meleagris?)	Three specimens in tanoak duff of pine-manzanita woodland
Agaricaceae	Agaricus spp.	Other species in soiils of woodland and grassland
Amanitaceae	Amanita calyptrata calyptroderma	One specimen in mycorrhizal association with live oak in live oak woodland
Amanitaceae	Amanita chlorinosa	Two specimens in mixed hardwood forest soils
Amanitaceae	Amanita fulva	One specimen in soil of pine-manzanita woodland
Amanitaceae	Amanita gemmata	One specimen in soil of mixed hardwood forest
Amanitaceae	Amanita pantherina	One specimen in humus under Monterey Pine
Amanitaceae	Amanita vaginata	One specimen in humus of mixed hardwood forest
Amanitaceae	Amanita velosa	Two specimens in mycorrhizal association with live oak in oak woodland area
Bolbitiaceae	Agrocybe sp.	In cow dung in grassland
Bolbitiaceae	Bolbitius vitellinus	Two specimens in grassland/chamise ecotone; one in grass, one on cow dung
Bolbitiaceae	Bolbitiaceae sp.	possible; specimens collected
Bolbitiaceae	Bolbitius sp.	One specimen on decaying wood in streamside redwood forest
Bolbitiaceae	Conocybe sp.	One specimen on dung in mixed hardwood forest
Boletaceae	Boletus edulis	possible; no specimens collected
Boletaceae	Boletus flaviporus	One specimen in humus in mixed hardwood forest
Boletaceae	Boletus spp.	These specimens in humus in mixed hardwood forest
Boletaceae	Leccinum manzanitae	Four specimens in mychorrizal association with madrone and manzanita
Boletaceae	Leccinum spp.	Several other species in mychorrizal association with madrone and manzanita
Boletaceae	Suillus brevipes	possible; no specimens collected
Boletaceae	Suillum pungens	Four specimens associated with madrone and manzanita in pine-manzanita woodland
Boletaceae	Suillum spp.	About five other species associated with madrone and manzanita in pine-manzanita woodland
Coprinaceae	Coprinus atramentarius	On dung in grassland
Coprinaceae	Coprinus cinereus	One specimen in leaf litter in pine-manzanita woodland
Coprinaceae	Coprinus sp.	One specimen on cow dung in streambank woodland

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Coprinaceae	Panaeolus campanulatas	One specimen on cow dung in grassland
Coprinaceae	Psathyrella candolleana	A group on decaying wood in mixed hardwood forest
Coprinaceae	Psathyrella subnuda	Two specimens in oak duff
Cortinariaceae	Cortinarius	Many specimens under live oaks in oak woodland
Cortinariaceae	Cortinariaceae genera	Other genera of Cortinariaceae on cow dung in grassland
Cortinariaceae	Crepidotus crocophyllum	One specimen on decaying wood in mixed hardwood forest
Cortinariaceae	Crepidotus mollis	Scattered specimens in decaaying wood in mixed hardwood forest
Cortinariaceae	Gymnopilus sapineus	Four clusters on decaying wood in mixed hardwood forest
Cortinariaceae	Gymnopilus spp.	A few other specimens of this genus were found on dacaying wood in mixed hardwood forest
Cortinariaceae	Hebeloma crustiliniforme	Common in groups on humus in mixed hardwood forest
Cortinariaceae	Hebeloma mesophaeum	One cluster in road soil in mixed hardwood forest
Cortinariaceae	Inocybe sp.	Scattered specimens in soil of oak woodland
Cortinariaceae	Pholiota spp.	A few specimens on decaying wood in pine-manzanita woodland
Hygrophoraceae	Hygrophorus acutoconicus acutoconicu	Commonly found in humus in moist, shaded areas in redwood forest
Hygrophoraceae	Hygrophorus conicus	Commonly found in humus in moist, shaded areas in mixed hardwood forest
Hygrophoraceae	Hygrophorus cuspidatus	One specimen in humus in redwood forest
Hygrophoraceae	Hygrophorus eburneus	A few specimens in mycorrhizal association with madrone in pine-manzanita woodland
Hygrophoraceae	Hygrophorus pratensis	One specimen on humus in oak woodland
Hygrophoraceae	Hygrophorus psittacinus	A few scattered specimens on oak-pine leaf litter in pine-manzanita woodland
Hygrophoraceae	Hygrophorus puniceus	Two specimens in humus in redwood forest
Hygrophoraceae	Hygrophorus roseibrunneus	One specimen in leaf litter in oak woodland
Hygrophoraceae	Hygrophorus sordidus	possible; no specimens collected
Hygrophoraceae	Hygrophorus virgineus	Several specimens found in humus in redood and mixed hardowood forest
Hygrophoraceae	Hygrophorus spp.	unid. specimens found in humus (and minute specimens on pine needles) in pine-manzanita woodland
Hygrophoraceae	Hygrophorus sp.	see possible occurrence list
Hygrophoraceae	Hygrophorus sp.	see possible occurrence list
Paxillaceae	Paxillus involutus	One specimen on pine litter in pine-manzanita woodland
Rhodophyllaceae	Entoloma spp.	Many specimens of this genus and family were found in the humus of redwood mixed hardwood forest, re
Rhodophyllaceae	Nolanea sp.	One specimen on humus in in redwood-mixed hardwood forest
Russulaceae	Lactarius camphoratus	One specimen in mycorrhizal association with with live oak in oak woodland
Russulaceae	Lactarius chrysorheus	a few specimens under pine in pine-manzanita woodland
Russulaceae	Lactarius deliciosus	Scatterered specimens under pine in pine-manzanita woodland
Russulaceae	Lactarius insulsus	Abundant in mycorrhizal association with live oak in pine-manzanita woodland
Russulaceae	Lactarius trivialis	common in humus in mixed hardwood forest
Russulaceae	Lactarius spp.	other uncommon and unid. Lactarius spp. In various habitats
Russulaceae	Russula adusta	Found in mycorrhizal association with live oaks in oak woodland
Russulaceae	Russula cerolens	One specimen with live oak in pine-manzanita woodland
Russulaceae	Russula cassana	One specimen from under oak in pine-manzanita woodland
Russulaceae	Russula choroides or brevipes	Common in mycorrhizal association with oak and madrone in pine-manzanita woodland
Russulaceae	Russula emetica	Common under pines and hardwoods in pine-manzanita woodland
Russulaceae	Russula lepida	Common under pines and hardwoods in mixed hardwood forest

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Russulaceae	Russula ochroleuca	One specimen under live oak in mixed hardwood forest
Russulaceae	Russula rosaceae	One specimen under ponderosa pine in pine-manzanita woodland
Russulaceae	Russula xerampelina	Found several times under pine in pine-manzanita woodland
Russulaceae	Russula sp. (pectinatoides?)	Seen under live oak in oak woodland
Russulaceae	Russula spp.	Many unid. Specimens in association with hardwoods and pines in mixed woods
Strophariaceae	Naematoloma fasciculare	Common on decaying wood in redwood-mixed hardwood forest
Strophariaceae	Stropharia semiglobata	Seen a few times on dung in grassland and chemise communities
Tricholomataceae	Armillaria albolanaripes	One specimen in humus in mixed hardwood forest
Tricholomataceae	Armillaria sp. (ponderosa?)	One specimen under tanoak in mixed hardwood forest
Tricholomataceae	Armillariella mellea	Fairly common saprophyte in redwoods and mixed hardwood forest
Tricholomataceae	Clitocybe dealbata	Found on soil in grassland
Tricholomataceae	Clitocybe inversa	in tanoak litter in mixed hardwood forest
Tricholomataceae	Clitocybe subconnexa	on humus in mixed hardwood forest
Tricholomataceae	Clitocybe spp.	Other unid. Clitocybe on wood and in humus of mixed woods
Tricholomataceae	Collybia umbonata	Common on decaying wood in redwood-streamside forest
Tricholomataceae	Collybia spp.	Unid. specimens found in humus of mixed hardwood forest
Tricholomataceae	Hohenbuehelia sp.	One cluster found on decaying wood in mixed hardwood forest
Tricholomataceae	Laccaria amethystina	possible; no spcimens collected
Tricholomataceae	Laccaria laccata	Frequently encountered in pine litter in pine-manzanita woodland
Tricholomataceae	Lepista nuda	Very common and locally abundant on humus in oak woodland
Tricholomataceae	Leucopaxillus albissimus	Three specimens in redwood litter in redwood-streamside forest
Tricholomataceae	Marasmius sp. (magnisporus?)	Commonly seen in scattered clusters on decaying wood in redwood streamside forest
Tricholomataceae	Marasmius spp.	Other Marasmius spp. were found in humus of redwood streamside forest
Tricholomataceae	Mycena spp.	Common on decaying wood and in humus of redwood streamside forest
Tricholomataceae	Omphalotus olivascens	One cluster on dead trunk of tanoak in oak woodland
Tricholomataceae	Pleurotus ostreatus	Common and locally abundant on on hardwood logs in mixed hardwood forest
Tricholomataceae	Tricholoma sp. (portentosum?)	One specimen in redwood duff of pure redwood forest
Volvariaceae	Pluteus sp. (cervinus?)	One specimen on decaying wood in redwood mixed hardwood forest
Cantherellaceae	Cantharellus cibarius	Abundant associate of live oak and conifers in mixed woods
Clavariaceae	Clavaria vermicularis	One specimen found in redwood duff in pure redwood forest
Clavariaceae	Claveriadelphis pistillaris	Two records under tanoaks in mixed woods
Clavariaceae	Ramaria sp. (myceliosa?)	One specimen from redwood duff in pure rredwood forest
Clavariaceae	Ramaria sp. (rasilispora rasilispora?)	One specimen in oak litter in mixed hardwood forest
Clavariaceae	Ramariopsis kunzei	One specimen found in redwood duff in redwood mixed hardwood forest
Hydnaceae	Dentinium repandum	In leaf litter in mixed woods
Hydnaceae	Hericium ramosum	One sample sollected from live oak bark in oak woodland
Hydnaceae	Hydnum sp.	A few specimens were collected in tanoak litter in pine-manzanita woodland
Polyporaceae	Cryptoporus volvatus	One specimen on live ponderosa pine in pine-manzanita woodland
Polyporaceae	Ganoderma brownii	One specimen seen attached to a live California Bay tree in redwood streamside forest
Polyporaceae	Ganoderma spp.	Other species were often found in association with hardwoods usually in redwood streamside forest
Polyporaceae	Lenzites betulina	Common on decaying hardwood logs in redwood streamside forest

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Polyporaceae	Phellinus gilvus	One specimen from a tanoak log in mixed hardwood forest
Polyporaceae	Polyporus decurrens	One cluster from soil along roadside in chemise
Polyporaceae	Schizophyllum commune	Many patches were found on dead hardwood logs in mixed hardwood forest
Polyporaceae	Stereum hirsutum	Abundant on hardwood logs in mixed woods
Polyporaceae	Stereum ostrea	On hardwood logs in mixed woods
Polyporaceae	Trametes versicolor	Common on hardwood logs in all woods
Rhizopogonaceae	Rhizopogon rubescens	One specimen was unearthed in a trail in pine-manzanita woodland
Rhizopogonaceae	Rhizopogon parksii	One specimen was found half-uncovered in the ground in pine-manzanita woodland
Rhizopogonaceae	Rhizopogon spp.	Found half-uncovered in the ground in pine-manzanita woodland
Secotiaceae	Longula texensis	One specimen from trailside soil in grassland
Astraeaceae	Astraeus hygrometicus	Found along roadsides in pine-manzanita woodland and mixed hardwood forest
Lycoperdaceae	Bovista sp. (pusilla?)	Specimens found in redwood litter in redwood streamside forest
Lycoperdaceae	Bovista plumbea	possible; spcimens collected
Lycoperdaceae	Langermannia bovista	In soil of grassland
Lycoperdaceae	Langermannia gigantea	Two impressive specimens in grassland
Lycoperdaceae	Lycoperdon foetidum	One specimen in soil in mixed woods
Lycoperdaceae	Lycoperdon perlatum	One sample discovered in roadway soil in redwood mixed hardwood forest
Lycoperdaceae	Lycoperdon sp.	Unid. specimens found in mixed woods
Phallaceae	Phallus impudicus	Found twice in garden soiil near cabin
Tremellaceae	Phlogiotis hellvelloides	Two specimens found in redwood duff in pure redwood foret
Tremellaceae	Tremella foliacea	Two specimens on hardwood log in mixed hardwood forest
Tremellaceae	Tremella mesenterica	Common on dead hardwoods especially in in oak woodland
Helvellaceae	Helvella lacunosa	Two samples from raod soil in pine-manzanita woodland
Leotiaceae	Phaeobulgaria inquinans	One specimen from tanoak log in redwood mixed hardwood forest
Pezizaceae	Otidea alutacea	One cluster in mycelial debris in mixed woods
Sarcoscyphaceae	Pithya cupressina	Minute samples found on dead pine branches in mixed woods
Xylariaceae	Daldinia spp.	Common on decaying oaks and other hardwoods in mixed woods
Xylariaceae	Xylaria hypoxylon	Many specimens on rotting wood in redwood streamside forest
?	Aleuria aurantia	possible; no specimens collected
?	Poria sp.	possible; no specimens collected
?	Leptonia sp.	possible; no specimens collected
Coprinaceae	Coprinus radiatus	possible; specimens collected
?	Hebeloma sp.	possible; specimens collected
ZZZ end of list		