

Accessory publication

Mechanical mastication and prescribed fire in conifer–hardwood chaparral: differing responses of ectomycorrhizas and truffles. *International Journal of Wildland Fire* 20(7): 888-896.

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Table A1. Concensus taxa with GenBank accession numbers, based on BLAST matches, for ectomycorrhizas from Whiskeytown National Recreation Area, CA, USA

Site letters refer to macroplots (A, B, D, E, J) and treatments (NU, non-masticated unburned (control); NB, non-masticated burned; MU, masticated unburned; and MB, masticated burned). Numbers in parentheses are the number of base pairs aligned and percentage similarity.

Concensus taxon	Site	GenBank number	Closest BLAST match
<i>Amanita</i>	JMU	GU183957	<i>Amanita lanei</i> (516, 100%)
<i>Boletus</i>	DNB	GU183958	<i>Boletus speciosus</i> (436, 78%)
<i>Boletus</i>	ANU	GU183959	<i>B. pseudoregius</i> (504, 89%)
Cantharellales	DNB	GU183960	Cantharellales (405, 95%)
<i>Cenococcum</i>	ENU	GU183961	<i>Cenococcum geophilum</i> (367, 97%)
<i>Clavariadelphus</i>	JMU	GU183962	<i>Clavariadelphus occidentalis</i> (306, 98%)
Corticaceae	EMB	GU183963	Corticaceae (515, 92%)
<i>Cortinarius</i> 1	BNB	GU183964	<i>Cortinarius</i> (537, 93%)
<i>Cortinarius</i> 1	ENU	GU183965	<i>Cortinarius</i> (540, 93%)
<i>Cortinarius</i> 2	DMB	GU183966	<i>C. leucopus</i> (397, 88%)
<i>Cortinarius</i> 2	DNB	GU183967	<i>C. vernus</i> (606, 95%)
<i>Cortinarius</i> 2	EMU	GU183968	<i>Cortinarius</i> cf. <i>decepiens</i> (205, 94%)
<i>Craterellus</i>	ANU	GU183969	<i>Craterellus cornucopioides</i> (320, 92%)
<i>Genabea</i>	DNU	GU183970	<i>Genabea cerebriformis</i> (489, 92%)
<i>Genea</i>	DNB	GU183971	<i>Genea harknessii</i> (589, 92%)
<i>Hebeloma</i>	ENU	GU183972	<i>Hebeloma</i> (449, 98%)
Helotiales 1	JNB	GU183973	<i>Phialocephala fortinii</i> (405, 81%)
Helotiales 2	AMU	GU183974	Hyaloscyphaceae (375, 96%)
Helotiales 2	BNB	GU183975	Ericoid mycorrhiza (489, 99%)
Helotiales 3	BNU	GU183976	<i>Pezicula livida</i> (177, 91%)
Helotiales 4	AMU	GU183977	Helotiales (347, 95%)
Helotiales 4	AMU	GU183978	Helotiales (257, 89%)
Helotiales 4	ANU	GU183979	Helotiaceae (360, 95%)
Helotiales 4	ANU	GU183980	Helotiales (503, 91%)
Helotiales 4	BNU	GU183981	Helotiales (339, 92%)
Helotiales 4	ENU	GU183982	Helotiales (397, 94%)
<i>Helvella</i>	EMB	GU183983	<i>Helvella</i> (426, 98%)
<i>Hydnoplicata</i>	AMU	GU183984	<i>Hydnoplicata ellipsospora</i> (546, 93%)
<i>Hydnoplicata</i>	BMU	GU183985	<i>H. ellipsospora</i> (427, 94%)
<i>Hydnoplicata</i>	BNU	GU183986	<i>H. ellipsospora</i> (505, 88%)

<i>Hydnoplicata</i>	DNU	GU183987	<i>H. ellipospora</i> (506, 88%)
<i>Inocybe</i> 1	BMU	GU183988	<i>Inocybe</i> (569, 95%)
<i>Inocybe</i> 1	BMU	GU183989	<i>Inocybe</i> (576, 94%)
<i>Inocybe</i> 1	BNB	GU183990	<i>I. rufuloides</i> (601, 93%)
<i>Inocybe</i> 1	DMU	GU183991	<i>Inocybe</i> (601, 93%)
<i>Inocybe</i> 1	DNB	GU183992	<i>Inocybe</i> (578, 92%)
<i>Inocybe</i> 2	BMU	GU183993	<i>Inocybe</i> (237, 95%)
<i>Inocybe</i> 2	DNU	GU183994	<i>Inocybe</i> (505, 98%)
<i>Inocybe</i> 2	DNU	GU183995	<i>Inocybe</i> (500, 96%)
<i>Inocybe</i> 3	AMU	GU183996	<i>I. nematoloma</i> (548, 87%)
<i>Inocybe</i> 3	ENU	GU183997	<i>I. nematoloma</i> (479, 93%)
<i>Inocybe</i> 4	ANB	GU183998	<i>I. tenebrosa</i> (521, 87%)
<i>Inocybe</i> 4	EMB	GU183999	<i>I. tenebrosa</i> (315, 95%)
<i>Inocybe</i> 4	JMB	GU184000	<i>I. tenebrosa</i> (590, 87%)
<i>Inocybe</i> 5	ENU	GU184001	<i>I. phaeodisca</i> (537, 87%)
<i>Inocybe</i> 6	JMB	GU184002	<i>I. armeniaca</i> (600, 99%)
<i>Inocybe</i> 7	ANU	GU184003	<i>Inocybe</i> cf. <i>lanuginosa</i> (423, 82%)
<i>Inocybe</i> 8	DNB	GU184004	<i>I. sororia</i> (477, 89%)
<i>Inocybe</i> 9	BMB	GU184005	<i>Inocybe</i> cf. <i>pudica</i> (540, 99%)
<i>Laccaria</i>	BMB	GU184006	<i>Laccaria amethysteo-occidentalis</i> (476, 94%)
<i>Laccaria</i>	BNB	GU184007	<i>L. amethysteo-occidentalis</i> (293, 88%)
<i>Laccaria</i>	EMU	GU184008	<i>L. amethysteo-occidentalis</i> (263, 86%)
<i>Laccaria</i>	JMU	GU184009	<i>L. amethysteo-occidentalis</i> (422, 97%)
<i>Laccaria</i>	JNU	GU184010	<i>L. amethystina</i> (466, 99%)
<i>Lactarius</i> 1	ENB	GU184011	<i>Lactarius alnicola</i> (171, 90%)
<i>Lactarius</i> 1	ENB	GU184012	<i>L. alnicola</i> (471, 91%)
<i>Lactarius</i> 1	ENB	GU184013	<i>L. alnicola</i> (351, 95%)
<i>Lactarius</i> 1	JMB	GU184014	<i>L. alnicola</i> (611, 99%)
<i>Lactarius</i> 1	JMB	GU184015	<i>L. alnicola</i> (612, 99%)
<i>Lactarius</i> 1	JMB	GU184016	<i>L. alnicola</i> (493, 99%)
<i>Lactarius</i> 1	JMB	GU184017	<i>L. alnicola</i> (259, 99%)
<i>Lactarius</i> 1	JMU	GU184018	<i>L. alnicola</i> (426, 99%)
<i>Lactarius</i> 2	ANU	GU184019	<i>L. xanthogalactus</i> (406, 99%)
<i>Lactarius</i> 2	BMB	GU184020	<i>L. xanthogalactus</i> (583, 99%)
<i>Lactarius</i> 2	BMB	GU184021	<i>L. xanthogalactus</i> (520, 99%)
<i>Lactarius</i> 2	BNU	GU184022	<i>L. xanthogalactus</i> (489, 98%)
<i>Lactarius</i> 2	JMB	GU184023	<i>L. xanthogalactus</i> (599, 99%)
<i>Lactarius</i> 2	JMU	GU184024	<i>L. xanthogalactus</i> (614, 99%)
<i>Lactarius</i> 3	BMU	GU184025	<i>L. substriatus</i> (222, 96%)
<i>Lactarius</i> 3	EMB	GU184026	<i>L. substriatus</i> (478, 100%)
<i>Lactarius</i> 4	ANU	GU184027	<i>L. pallescens</i> (484, 95%)
<i>Lactarius</i> 4	BNB	GU184028	<i>L. pallescens</i> (550, 96%)
<i>Leucophleps</i>	DNB	GU184029	<i>Leucophleps spinispora</i> (302, 87%)
<i>Oidiodendron</i>	DMB	GU184030	<i>Oidiodendron citrinum</i> (438, 88%)
<i>Pachyphloeus</i>	DMB	GU184031	<i>Pachyphloeus</i> (401, 88%)
<i>Pachyphloeus</i>	DNB	GU184032	<i>P. carneus</i> (404, 92%)
<i>Pezizomycotina</i>	JMB	GU184033	<i>Pezizomycotina</i> (476, 96%)
<i>Pezizomycotina</i>	JMB	GU184034	<i>Pezizomycotina</i> (587, 97%)
<i>Pyronemataceae</i>	DNU	GU184035	<i>Pyronemataceae</i> (606, 97%)
<i>Pyronemataceae</i>	ENB	GU184036	<i>Pyronemataceae</i> (240, 98%)
<i>Rhizopogon</i> 1	BMB	GU184037	<i>Rhizopogon vulgaris</i> (481, 100%)
<i>Rhizopogon</i> 1	EMB	GU184038	<i>R. vulgaris</i> (441, 97%)
<i>Rhizopogon</i> 2	BMB	GU184039	<i>R. occidentalis</i> (711, 99%)
<i>Rhizopogon</i> 1	JMB	GU184040	<i>R. abietis</i> (578, 99%)
<i>Rhizopogon</i> 1	JMB	GU184041	<i>R. vulgaris</i> (546, 99%)
<i>Rhizopogon</i> 1	JNU	GU184042	<i>R. abietis</i> (371, 96%)

<i>Russula</i> 1	ANB	GU184043	<i>Russula brevipes</i> (233, 92%)
<i>Russula</i> 1	BNB	GU184044	<i>R. brevipes</i> (540, 98%)
<i>Russula</i> 1	DMB	GU184045	<i>R. brevipes</i> (693, 99%)
<i>Russula</i> 1	DNB	GU184046	<i>R. brevipes</i> (658, 98%)
<i>Russula</i> 1	DNU	GU184047	<i>R. brevipes</i> (616, 98%)
<i>Russula</i> 1	DNU	GU184048	<i>R. brevipes</i> (544, 99%)
<i>Russula</i> 2	BNB	GU184049	<i>R. cremoricolor</i> (391, 75%)
<i>Russula</i> 2	BNB	GU184050	<i>R. cremoricolor</i> (289, 92%)
<i>Russula</i> 2	ENU	GU184051	<i>R. cremoricolor</i> (707, 99%)
<i>Russula</i> 3	BNB	GU184052	<i>Russula</i> cf. <i>crassotunicata</i> (293, 96%)
<i>Russula</i> 3	BNB	GU184053	<i>Russula</i> cf. <i>crassotunicata</i> (278, 98%)
<i>Russula</i> 3	JNU	GU184054	<i>Russula</i> cf. <i>crassotunicata</i> (451, 99%)
<i>Russula</i> 3	JNU	GU184055	<i>Russula</i> cf. <i>crassotunicata</i> (379, 77%)
<i>Russula</i> 3	JNU	GU184056	<i>Russula</i> cf. <i>crassotunicata</i> (521, 98%)
<i>Russula</i> 4	ENU	GU184057	<i>Russula</i> aff. <i>olivacea</i> (706, 99%)
<i>Russula</i> 4	JMU	GU184058	<i>R. basifurcata</i> (557, 99%)
<i>Russula</i> 5	JMU	GU184059	<i>Russula</i> (619, 99%)
<i>Russula</i> 6	DMB	GU184060	<i>R. curtipes</i> (437, 97%)
Sebacinaceae 1	BNU	GU184061	Sebacinaceae (528, 98%)
Sebacinaceae 1	DMB	GU184062	<i>Sebacina</i> (641, 96%)
Sebacinaceae 1	DNU	GU184063	Sebacinaceae (444, 97%)
Sebacinaceae 2	ANU	GU184064	<i>Sebacina</i> (428, 91%)
Sebacinaceae 2	DNB	GU184065	<i>Sebacina</i> (554, 93%)
Sebacinaceae 2	DNU	GU184066	<i>Sebacina</i> (554, 93%)
Sebacinaceae 2	ENB	GU184067	<i>Sebacina</i> (433, 86%)
Sebacinaceae 3	BNB	GU184068	<i>Sebacina incrustans</i> (528, 96%)
Sebacinaceae 3	BNU	GU184069	Sebacinaceae (495, 90%)
Sebacinaceae 3	JMB	GU184070	Sebacinaceae (461, 94%)
Sebacinaceae 3	JNU	GU184071	Sebacinaceae (490, 97%)
Sebacinaceae 4	BNU	GU184072	Sebacinaceae (566, 97%)
Sebacinaceae 5	DNU	GU184073	Sebacinaceae (465, 98%)
Sebacinaceae 6	EMU	GU184074	Sebacinaceae(504, 94%)
<i>Thelephora</i> 1	AMB	GU184075	<i>Thelephora caryophyllea</i> (632, 93%)
<i>Thelephora</i> 1	DNB	GU184076	<i>T. caryophyllea</i> (573, 81%)
<i>Thelephora</i> 1	EMB	GU184077	<i>T. caryophyllea</i> (442, 95%)
<i>Thelephora</i> 1	EMB	GU184078	<i>T. caryophyllea</i> (432, 92%)
<i>Thelephora</i> 2	ANU	GU184079	<i>T. anthocephala</i> (451, 94%)
Thelephoraceae 1	JNB	GU184080	Thelephoraceae (590, 88%)
Thelephoraceae 1	ENU	GU184081	Thelephoraceae (513, 93%)
Thelephoraceae 2	JNB	GU184082	Thelephoraceae (513, 93%)
Thelephoraceae 2	JNB	GU184083	Thelephoraceae (449, 92%)
Thelephoraceae 3	DNU	GU184084	Thelephoraceae (608, 96%)
Thelephoraceae 3	ENB	GU184085	Thelephoraceae (285, 98%)
<i>Tomentella</i> 1	AMU	GU184086	<i>Tomentella lateritia</i> (421, 94%)
<i>Tomentella</i> 2	BNU	GU184087	<i>Tomentella</i> (538, 95%)
<i>Tomentella</i> 3	DNB	GU184088	<i>Tomentella</i> (535, 99%)
<i>Tomentella</i> 4	DNU	GU184089	<i>T. punicea</i> (336, 96%)
<i>Tomentella</i> 5	EMU	GU184090	<i>T. galzinii</i> (512, 98%)
<i>Tomentella</i> 6	ENB	GU184091	<i>T. lapidum</i> (150, 92%)
<i>Tomentella</i> 7	ENU	GU184092	<i>Tomentella</i> cf. <i>coerulea</i> (469, 97%)
<i>Tomentella</i> 8	JMB	GU184093	<i>Tomentella</i> (398, 96%)
<i>Tomentellopsis</i>	ANB	GU184094	<i>Tomentellopsis submollis</i> (661, 95%)
<i>Tricholoma</i>	AMU	GU184095	<i>Tricholoma moseri</i> (325, 95%)
<i>Tylospora</i>	BNU	GU184096	<i>Tylospora</i> (323, 95%)
<i>Tylospora</i>	DNB	GU184097	Atheliaceae (418, 98%)