

Burnaby Lake Bioblitz Total Species Tallies

	2011	2011 NEW	2010	BioBlitz Totals
Mammals	10	3	9	12
Birds	61	28	46	74
Herptiles	4	2	4	6
Fish	4	2	6	8
Invertebrates	27	7	27	34
Trees and Shrubs	46	7	54	61
Herbs	58	10	80	90
Grasses, Sedges, Rushes	10	3	13	16
Ferns, Horsetails, Clubmosses	9	1	10	11
Bryophytes	74	7	75	82
Lichens	33	8	29	37
Fungi and Slimemolds	23	16	32	48
Total Number of Species	359	94	385	479

Mammal Species

2011

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Name	Scientific Name	NEW!
Domestic Dog*	<i>Canis lupus familiaris</i>	
Beaver	<i>Castor Canadensis</i>	
Big Brown Bat	<i>Eptesicus fuscus</i>	Y
Horse	<i>Equus ferus caballus</i>	Y
Northern Flying squirrel	<i>Glaucomys sabrinus</i>	Y
Human*	<i>Homo sapiens</i>	
River Otter	<i>Lutra canadensis</i>	
Deer Mouse	<i>Peromyscus maniculatus</i>	
Eastern Gray Squirrel*	<i>Sciurus carolinensis</i>	
Douglas's Squirrel	<i>Tamiasciurus douglasii</i>	

Total

10

3

Mammal Species

2010

Name	Scientific Name
Domestic Dog*	<i>Canis lupus familiaris</i>
Deer Mouse	<i>Peromyscus maniculatus</i>
Vole	<i>Microtus sp.</i>
Common Muskrat	<i>Ondatra zibethicus</i>
Beaver	<i>Castor canadensis</i>
Eastern Gray Squirrel*	<i>Sciurus carolinensis</i>
Douglas's Squirrel	<i>Tamiasciurus douglasii</i>
Human*	<i>Homo sapiens</i>
River Otter	<i>Lutra canadensis</i>
Total	9

Bird Species

2011

Name	Code	Scientific Name	NEW!
Cormorants			
Double crested cormorant	DCCO	<i>Phalacrocorax auritus</i>	Y
Wading Birds			
Great Blue Heron	GBHE	<i>Ardea herodias</i>	
Waterfowl			
Wood Duck	WODU	<i>Aix sponsa</i>	
Green-winged Teal	GWTE	<i>Anas carolinensis</i>	Y
Northern Shoveller	NOSH	<i>Anas clypeata</i>	Y
Mallard	MALL	<i>Anas platyrhynchos</i>	
Lesser Scaup	LESC	<i>Aythya affinis</i>	Y
Canada Goose	CAGO	<i>Branta canadensis</i>	
Bufflehead	BUFF	<i>Bucephala albeola</i>	Y
Common Merganser	COME	<i>Mergus merganser</i>	Y
Gulls			
Glaucous-winged Gull	GLGU	<i>Larus glaucescens</i>	
Pigeons and Doves			
Rock Dove*	RODO	<i>Columbia livia</i>	
Hummingbirds			
Rufous hummingbirds	RUHU	<i>Selasphorus rufus</i>	
Woodpeckers			
Northern Flicker	NOFL	<i>Colaptes auratus</i>	
Pileated Woodpecker	PIWO	<i>Dryocopus pileatus</i>	
Downy Woodpecker	DOWO	<i>Picoides pubescens</i>	
Hairy Woodpecker	HAWO	<i>Picoides villosus</i>	Y
Red-breasted Sapsucker	RBSA	<i>Sphyrapicus ruber</i>	
Flycatchers, Larks and Swallows			

Barn Swallow	BASW	<i>Hirudo rustica</i>	
Cliff Swallow	CLSW	<i>Petrochelidon pyrrhonota</i>	Y
Northern Rough-winged Swallow	NRWS	<i>Stelgidopteryx serripennis</i>	Y
Tree Swallow	TRSW	<i>Tachycineta bicolor</i>	
Violet-green Swallow	VGSW	<i>Tachycineta thalassina</i>	
Warblers			
Townsend's Warbler	TOWA	<i>Dendroica townsendi</i>	Y
Yellow-rumped Warbler (Audobons)	YRWA	<i>Dendronica coronata audonboni</i>	Y
Yellow-rumped Warbler (Myrtle's)	YRWA	<i>Dendronica coronata coronata</i>	Y
Black-throated Gray Warbler	BTGW	<i>Dendronica nigrescens</i>	
Common Yellowthroat	COYE	<i>Geothlypis trichas</i>	
Orange-crowned Warbler	OCWA	<i>Vermivora celata</i>	
Wilson's Warbler	WIWA	<i>Wilsonia pusilla</i>	Y
Sparrows and Towhees			
Dark-eyed Junco	DEJU	<i>Junco hyemalis</i>	Y
Song Sparrow	SOSP	<i>Melospiza melodia</i>	
Spotted Towhee	SPTO	<i>Pipilo maculatus</i>	
Golden crowned Sparrow	GCSP	<i>Zonotrichia atricapilla</i>	Y
White Crowned Sparrow	WCSP	<i>Zonotrichia leucophrys</i>	Y
Blackbirds			
Red-winged Blackbird	RWBL	<i>Agelaius phoeniceus</i>	
Brown-headed Cowbird	BHCO	<i>Molothrus ater</i>	
Raptors			
Cooper's Hawk	COHA	<i>Accipiter cooperii</i>	Y
Redtailed Hawk	RTHA	<i>Buteo jamaicensis</i>	
Turkey Vulture	TUVU	<i>Cathartes aura</i>	Y
Northern Harrier	NOHA	<i>Circus cyaneus</i>	Y
Bald Eagle	BAEA	<i>Haliaeetus leucocephalus</i>	
Osprey	OSPREY	<i>Pandion haliaetus</i>	Y
Shorebirds			

Spotted Sandpiper	SPSA	<i>Actitis macularius</i>	Y
Killdeer	KILL	<i>Charadrius vociferus</i>	
Jays and Crows			
Northwestern Crow	NOCR	<i>Corvus caurinus</i>	
Titmice, Chickadees and Nuthatches			
Brown Creeper	BRCR	<i>Certhia americana</i>	
Black-capped Chickadee	BCCH	<i>Poecile atricapillus</i>	
Chestnut-backed Chickadee	CHCH	<i>Poecile rufescens</i>	Y
Bushtit	BUSH	<i>Psaltriparus minimus</i>	Y
Wrens			
Marsh Wren	MAWR	<i>Cistothorus palustris</i>	
Bewick's Wren	BEWR	<i>Thryomanes bewickii</i>	
Pacific Wren	PAWR	<i>Troglodytes pacificus</i>	Y
Kinglets and Thrushes			
Varied Thrust	VATH	<i>Ixoreus naevius</i>	
Golden-crowned Kinglet	GCKI	<i>Regulus satrapa</i>	Y
American Robin	AMRO	<i>Turdus migratorius</i>	
Finches			
Pine Siskin	PISI	<i>Carduelis pinus</i>	Y
House Finch	HOFI	<i>Carpodacus mexicanus</i>	Y
Purple Finch	PUFI	<i>Carpodacus purpureus</i>	
American Goldfinch	AMGO	<i>Spinus tristis</i>	
Kingfishers			
Belted Kingfisher	BEKI	<i>Megaceryle alcyon</i>	Y
	Total	61	28

Bird Species

2010

Name	Code	Scientific Name
Loons and Greebes		
Pied-Billed Grebe	PBGR	<i>Podilymbus podiceps</i>
Wading Birds		
Great Blue Heron	GBHE	<i>Ardea herodias</i>
Waterfowl		
Canada Goose	CAGO	<i>Branta canadensis</i>
Wood Duck	WODU	<i>Aix sponsa</i>
Mallard	MALL	<i>Anas platyrhynchos</i>
Gadwall	GADW	<i>Anas strepera</i>
Gulls		
Glaucous-winged Gull	GLGU	<i>Larus glaucescens</i>
Pigeons and Doves		
Rock Dove*	RODO	<i>Columbia livia</i>
Owls and Nighthawks		
Western Screech-Owl	WSOW	<i>Megascops kennicottii</i>
Hummingbirds		
Rufus Hummingbird	RUHU	<i>Selasphorus rufus</i>
Woodpeckers		
Downy Woodpecker	DOWO	<i>Picoides pubescens</i>
Northern Flicker	NOFL	<i>Colaptes auratus</i>
Red-breasted Sapsucker	RBSA	<i>Sphyrapicus ruber</i>
Pileated Woodpecker	PIWO	<i>Dryocopus pileatus</i>
Flycatchers, Larks and Swallows		
Western Wood-Pewee	WWPE	<i>Contopus sordidulus</i>
Willow Flycatcher	WIFL	<i>Empidonax traillii</i>
Tree Swallow	TRSW	<i>Tachycineta bicolor</i>

Violet-green Swallow	VGSW	<i>Tachycineta thalassina</i>
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Barn Swallow	BASW	<i>Hirundo rustica</i>
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Vireos

Warbling Vireo	WAVI	<i>Vireo gilvus</i>
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Warblers

Orange-crowned Warbler	OCWA	<i>Vermivora celata</i>
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Yellow-rumped Warbler	YRWA	<i>Dendronica coronata</i>
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Black-throated Gray Warbler	BTGW	<i>Dendronica nigrescens</i>
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Common Yellowthroat	COYE	<i>Geothlypis trichas</i>
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Wilson's Warbler	WIWA	<i>Wilsonia pusilla</i>
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Western Tanager	WETA	<i>Piranga ludoviciana</i>
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Grosbeaks

Black-headed Grosbeak	BHGR	<i>Pheucticus melanocephalus</i>
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Sparrows and Towhees

Spotted Towhee	SPTO	<i>Pipilo maculatus</i>
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Song Sparrow	SOSP	<i>Melospiza melodia</i>
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Blackbirds

Red-winged Blackbird	RWBL	<i>Agelaius phoeniceus</i>
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Brown-headed Cowbird	BHCO	<i>Molothrus ater</i>
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Raptors

Bald Eagle	BAEA	<i>Haliaeetus leucocephalus</i>
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Red-tailed Hawk	RTHA	<i>Buteo jamaicensis</i>
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Shorebirds

Killdeer	KILL	<i>Charadrius vociferus</i>
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Jays and Crows

Northwestern Crow	NOCR	<i>Corvus caurinus</i>
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Common Raven	CORA	<i>Corvus corax</i>
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Titmice, Chickadees and Nuthatches

Black-capped Chickadee	BCCH	<i>Poecile atricapillus</i>
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Red-breasted Nuthatch	RBNU	<i>Sitta canadensis</i>
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Brown Creeper	BRCR	<i>Certhia americana</i>
Wrens		
Bewick's Wren	BEWR	<i>Thryomanes bewickii</i>
Marsh Wren	MAWR	<i>Cistothorus palustris</i>
Kinglets and Thrushes		
Swainson's Thrush	SWTH	<i>Catharus ustulatus</i>
American Robin	AMRO	<i>Turdus migratorius</i>
Finches		
Purple Finch	PUFI	<i>Carpodacus purpureus</i>
American Goldfinch	AMGO	<i>Spinus tristis</i>
Waxwings and Starlings		
Ceder Waxwing	CEWA	<i>Bombycilla cedrorum</i>
Total		46

Herptile Species

2011

Name	Scientific Name	NEW!
Frogs and Toads		
Pacific Treefrog	<i>Hyla regilla</i>	
Red-legged frog	<i>Rana aurora</i>	Y
Bullfrog*	<i>Rana catesbeiana</i>	
Salamanders and Newts		
Northwestern Salamander	<i>Ambystoma gracile</i>	Y
Total	4	2

Herptile Species

2010

Name	Scientific Name
Frogs and Toads	
Pacific Treefrog	<i>Hyla regilla</i>
Bullfrog*	<i>Rana catesbeiana</i>
Freshwater Turtles	
Red-eared Slider*	<i>Trachemys scripta</i>
Western Painted Turtle	<i>Chrysemys picta</i>
Total	4

Fish Species

2011

Name	Scientific Name	NEW!
Sticklebacks		
Threespine Stickleback	<i>Gasterosteus aculeatus</i>	
Salmonoids		
Cutthroat	<i>Oncorhynchus clarkii</i>	Y
Coho	<i>Oncorhynchus kisutch</i>	Y
Sculpins		
Prickley Sculpin	<i>Cottus asper</i>	
Total	4	2

Fish Species

2010

Name	Scientific Name
Lampreys	
Western Brook Lamprey	<i>Lampetra richardsoni</i>
Sticklebacks	
Threespine Stickleback	<i>Gasterosteus aculeatus</i>
Goldfishs	
Common Carp*	<i>Cyprinus carpio</i>
Goldfish*	<i>Carassius auratus</i>
Sculpins	
Prickley Sculpin	<i>Cottus asper</i>
Brassy Minnows	<i>Hybognathus hankinsoni</i>

Total 6

Invertebrate Species

2011

Name	Scientific Name	NEW!
Flies		
Crane Fly	<i>Tipula sp.</i>	
Mosquito sp.	family Culicidae	
Midge	order Diptera	
Bees		
Bumble bee	<i>Bombus melanopygus</i>	Y
Beetles		
Ground beetle	family Carabidae	
Diving Beetle	order Coleoptera	
Dragonflies and Damselflies		
Dragonfly sp.	suborder Epiprocta	
Damselfly sp.	suborder Zygoptera sp. 1	
Butterflies		
Cabbage White Butterfly	<i>Pieris rapae</i>	
True Bugs		
Water Scorpion	suborder Heteroptera	Y
Backswimmer sp.	family Notonectidae	
Water Boatman sp.	family Corixidae	
Caddis Flies		
Caddis fly	sp. 1	Y
Crustaceans		
Woodbug	suborder Oniscidea	
Copepod	subclass Copepoda	
Daphnia	<i>Daphia sp.</i>	
Freshwater isopods	order Isopoda	
Seed Shrimp	class Ostracoda	
Centipedes and Millipeds		
Yellow Spotted Centipede	<i>Harpaphe haydeniana</i>	

Mites and Spiders

Jumping Spider	family Salticidae	Y
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Wolf Spider	family Lycosidae	
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Gastropods

Pond Snail	family Lymnaeidae	
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Great Slug	<i>Limax maximus</i>	Y
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Pacific bananaslug	<i>Ariolimax columbianus</i>	
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Black Slug*	<i>Arion ater</i>	
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Freshwater Clam	Family Unionidae	Y
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Worms

Earthworm	suborder Lumbricina	Y
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Total	27	7
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Invertebrate Species

2010

Name	Scientific Name	
Flies		
Crane Fly	<i>Tipula sp.</i>	order Diptera
Mosquito sp.	family Culicidae	order Diptera
Euparyphus sp. (soldier fly)(suspected)	subfamily Stratiomyidae	order Diptera
Midge	order Diptera	
Beetles		
Ground beetle	family Carabidae	order Coleoptera
Water Beetle sp. 1	order Coleoptera	
Water Beetle sp. 2	order Coleoptera	
Dragonflies and Damselflies		
Dragonfly sp.	suborder Epiprocta	order Odonata
Damselfly sp. 1	suborder Zygoptera sp. 1	order Odonata
Damselfly sp. 2	suborder Zygoptera sp. 2	order Odonata
Butterflies		
Cabbage White Butterfly	<i>Pieris rapae</i>	
True Bugs		
Backswimmer sp.	family Notonectidae	order Hemiptera
Water Boatman sp.	family Corixidae	order Hemiptera
Crustaceans		
Woodbug	suborder Oniscidea	order Isopoda
Freshwater isopods	order Isopoda	
Daphnia	<i>Daphia sp.</i>	
Copepod	subclass Copepoda	class Maxillopoda
Seed Shrimp	class Ostracoda	
Amphipods	order Amphipoda	
Centipedes and Millipeds		
Yellow Spotted Centipede	<i>Harpaphe haydeniana</i>	
Mites and Spiders		

Water Mite	subclass Acari	class Arachnida
Orb-weaver Spider	family Araneidae	order Araneae
Wolf Spider	family Lycosidae	order Araneae
Gastropods		
Pond Snail sp. 1	family Lymnaeidae	Class Gastropoda
Pond snail sp. 2	family Lymnaeidae	Class Gastropoda
Pacific bananaslug	<i>Ariolimax columbianus</i>	
Black Slug*	<i>Arion ater</i>	
Total	27	

Tree and Shrub Species

2011

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Name	Scientific Name	NEW!
Conifer Trees		
Sitka Spruce	<i>Picea sitchensis</i>	
Douglas-fir	<i>Pseudotsuga menziesii</i>	
Western Redcedar	<i>Thuja plicata</i>	
Western Hemlock	<i>Tsuga heterophylla</i>	
Deciduous Trees		
Bigleaf Maple	<i>Acer macrophyllum</i>	
Red Alder	<i>Alnus rubra</i>	
Paper Birch	<i>Betula papyrifera</i>	
Pacific Crab Apple	<i>Malus fusca</i>	
Black cottonwood	<i>Populus balsamifera</i>	
Lombardy poplar*	<i>Populus nigra</i>	Y
Trembling Aspen	<i>Populus tremuloides</i>	Y
Shrubs and Small Trees		
Vine maple	<i>Acer circinatum</i>	
Horse chestnut	<i>Aesculus hippocastanum</i>	
June berry *	<i>Amelanchier lamarckii</i>	
European birch	<i>Betula pendula</i>	
Red-osier Dogwood	<i>Cornus stolonifera / sericea</i>	
European Hazelnut	<i>Corylus avellana</i>	
Beaked Hazelnut	<i>Corylus cornuta</i>	

Common Hawthorn*	<i>Crataegus monogyna</i>	Y
Salal	<i>Gaultheria shallon</i>	
Ivy*	<i>Hedera helix</i>	
English Holly	<i>Ilex aquifolium</i>	
Holly	<i>Ilex aquilifolium</i>	
Bog Labrador Tea	<i>Ledum groenlandicum</i>	Y
Black Twinberry	<i>Lonicera involucrata</i>	
Tall Oregon-Grape	<i>Mahonia aquifolium</i>	Y
Dull Oregon-grape	<i>Mahonia nervosa</i>	
Sweet Gale	<i>Myrica gale</i>	
Indian-Plum	<i>Oemleria cerasiformis</i>	
Pacific Ninebark	<i>Physocarpus capitatus</i>	
English laurel*	<i>Prunus laurocerasus</i>	Y
Cascara	<i>Rhamnus purshiana</i>	
Wood Rose	<i>Rosa gymnocarpa</i>	Y
Nootka Rose	<i>Rosa nutkana</i>	
Himalayan Blackberry*	<i>Rubus armeniacus</i>	
evergreen blackberry	<i>Rubus laciniatus</i>	
Thimbleberry	<i>Rubus parviflorus</i>	
Salmonberry	<i>Rubus spectabilis</i>	
Trailing Blackberry	<i>Rubus ursinus</i>	
Pacific Willow	<i>Salix lucida</i>	
Sitka Willow	<i>Salix sitchensis</i>	
Red Elderberry	<i>Sambucus racemosa</i>	
Rowan	<i>Sorbus aucuparia</i>	
Hardhack	<i>Spiraea douglasii</i>	
Oval leaf blueberry	<i>Vaccinium ovalifolium</i>	
Red Huckleberry	<i>Vaccinium parvifolium</i>	
Total	46	7

Tree and Shrub Species

2010

Name	Scientific Name
Conifer Trees	
Sitka Spruce	<i>Picea sitchensis</i>
Douglas-fir	<i>Pseudotsuga menziesii</i>
Western Redcedar	<i>Thuja plicata</i>
Western Hemlock	<i>Tsuga heterophylla</i>
Deciduous Trees	
Bigleaf Maple	<i>Acer macrophyllum</i>
Norway Maple	<i>Acer platanoides</i>
Red Alder	<i>Alnus rubra</i>
Paper Birch	<i>Betula papyrifera</i>
Pacific Crab Apple	<i>Malus fusca</i>
Black cottonwood	<i>Populus balsamifera</i>
Domestic cherry	<i>Prunus avium</i>
Red oak	<i>Quercus rubra</i>
Black locust	<i>Robinia pseudoacacia</i>
Shrubs and Small Trees	
Vine maple	<i>Acer circinatum</i>
Horse chestnut	<i>Aesculus hippocastanum</i>
Sitka Alder	<i>Alnus crispa</i>
	<i>Amelanchier lamarchiana</i>
European birch	<i>Betula pendula</i>

Red-osier Dogwood	<i>Cornus stolonifera</i>
European Hazelnut	<i>Corylus avellana</i>
Beaked Hazelnut	<i>Corylus cornuta</i>
Scotch Broom*	<i>Cytisus scoparius</i>
	<i>Deutzia sp.</i>
Salal	<i>Gaultheria shallon</i>
Ivy*	<i>Hedera helix</i>
Holly	<i>Ilex aquilifolium</i>
Twinflower	<i>Linnaea borealis</i>
Black Twinberry	<i>Lonicera involucrata</i>
Dull Oregon-grape	<i>Mahonia nervosa</i>
False Azalea	<i>Menziesia ferruginea</i>
Sweet Gale	<i>Myrica gale</i>
Indian-Plum	<i>Oemleria cerasiformis</i>
Devil's Club	<i>Opopanax horridus</i>
Pacific Ninebark	<i>Physocarpus capitatus</i>
Sour Cherry	<i>Prunus cerasus (tentative DM)</i>
Cascara	<i>Rhamnus purshiana</i>
Nootka Rose	<i>Rosa nutkana</i>
Allegheny Blackberry	<i>Rubus allegheniensis</i>
Himalayan Blackberry*	<i>Rubus armeniacus</i>
evergreen blackberry	<i>Rubus laciniatus</i>
Thimbleberry	<i>Rubus parviflorus</i>
Five-leaved Bramble	<i>Rubus pedatus</i>
Salmonberry	<i>Rubus spectabilis</i>
Trailing Blackberry	<i>Rubus ursinus</i>
Pacific Willow	<i>Salix lucida</i>
Sitka Willow	<i>Salix sitchensis</i>
Red Elderberry	<i>Sambucus racemosa</i>
Rowan	<i>Sorbus aucuparia</i>
Sitka Mountain-ash	<i>Sorbus sitchensis</i>

Hardhack	<i>Spiraea douglasii</i>
Common Snowberry	<i>Symphoricarpos albus</i>
oval leaf blueberry	<i>Vaccinium ovalifolium</i>
Red Huckleberry	<i>Vaccinium parvifolium</i>
English Holly	<i>Ilex aquifolium</i>

Total	54
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Herb Species

2011

Name	Scientific Name	NEW!
Wild chervil	<i>Anthriscus sylvestris</i>	
English daisy	<i>Bellis perennis</i>	
Pond-water starwort	<i>Callitriche stagnalis</i>	Y
Bitter-cress	<i>Cardamine hirsuta</i>	
Mouse-eared Chickweed	<i>Cerastium triviale</i>	Y
Siberian miner's lettuce	<i>Claytonia sibirica</i>	
Bindweed	<i>Convolvulus sepium</i>	
Pacific Bleeding Heart	<i>Dicentra formosa</i>	
Common Foxglove*	<i>Digitalis purpurea</i>	
Hooker's Fairy Bells	<i>Disporum hookeri</i>	Y
Fireweed	<i>Epilobium angustifolium</i>	
Purple-leaved Willowherb	<i>Epilobium ciliatum</i>	
Cleavers	<i>Galium aparine</i>	
Woodruff	<i>Galium odoratum</i>	Y
Herb Robert	<i>Geranium robertianum</i>	
Large-leaved Avens	<i>Geum macrophyllum</i>	
Cow Parsnip	<i>Heracleum lanatum</i>	
Hops	<i>Humulus lupulus</i>	
Hairy Cat's-ear*	<i>Hypochaeris radicata</i>	
Orange touch-me-not	<i>Impatiens capensis</i>	
Purple Policeman's Helmet*	<i>Impatiens glandulifera</i>	
Yellow Flag Iris*	<i>Iris pseudacorus</i>	
Wall lettuce	<i>Lactuca muralis</i>	
Nipple wort	<i>Lapsana communis</i>	
Duckweed	<i>Lemna minor</i>	Y
Skunk Cabbage	<i>Lysichiton americanum</i>	
Purple Loosestrife*	<i>Lythrum salicaria</i>	

False Lily-of-the-valley	<i>Maianthemum dilatatum</i>	
Wood Forget-me-not	<i>Myosotis sylvatica</i>	Y
White Water Lily*	<i>Nyphaea odorata</i>	
Pacific Water-parsley	<i>Oenanthe sarmentosa</i>	
Ribwort plantain	<i>Plantago lanceolata</i>	
Plantain	<i>Plantago major</i>	
Japanese knotweed*	<i>Polygonum cuspidatum</i>	
Giant Knotweed*	<i>Polygonum sachalinense</i>	
March cinquefoil	<i>Potentilla palustris</i>	
Self-heal	<i>Prunella vulgaris</i>	
Tall buttercup	<i>Ranunculus acris</i>	
Creeping Buttercup	<i>Ranunculus repens</i>	
Bitter dock	<i>Rumex obtusifolius</i>	
Birdeye periwort	<i>Sagina procumbens</i>	Y
Grounsel	<i>Senecio vulgaris</i>	
Sow Thistle*	<i>Sonchus arvensis</i>	Y
Prickly Sow-thistle*	<i>Sonchus asper</i>	
Crisp Starwort	<i>Stellaria crispa</i>	Y
Grassleaved Starwort	<i>Stellaria graminea</i>	Y
Chickweed	<i>Stellaria media</i>	
Common Dandelion*	<i>Taraxacum officinale</i>	
Fringecup	<i>Tellima grandiflora</i>	
Red clover	<i>Tifolium pratense</i>	
Youth-on-age	<i>Tolmiea menziesii</i>	
White Clover	<i>Trifolium repens</i>	
Cattail	<i>Tupha latifolia</i>	
Stinging Nettle	<i>Urtica dioica</i>	
Wall spedewell	<i>Veronica arvensis</i>	
American speedwell / Common Gyps	<i>Veronica beccabunga / cabunga</i>	
Slender Speedwell	<i>Veronica filiformis</i>	
Thyme leaf veronica	<i>Veronica sepyllifolia</i>	

Total	58	10
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Herb Species

2010

Name	Scientific Name
Bugle	<i>Ajuga reptans</i>
Wild chervil	<i>Anthriscus sylvestris</i>
Burdock	<i>Arctium minus</i>
Leafy Aster	<i>Aster foliaceus</i>
English daisy	<i>Bellis perennis</i>
Wall lettuce	<i>Lactuca muralis</i>
Bitter-cress	<i>Cardamine hirsuta</i>
Few-seeded Bitter-cress	<i>Cardamine oligosperma</i>
Cuckoo plant	<i>Cardamine pratensis cuckoo</i>
sticky chickweed	<i>Cerastium glomeratum / viscosum</i>
Canada thistle	<i>Cirsium arvense</i>
Siberian miner's lettuce	<i>Claytonia sibirica</i>
Bindweed	<i>Convolvulus sepium</i>
Orchard Morning-glory	<i>Convolvulus arvensis</i>
Pacific Bleeding Heart	<i>Dicentra formosa</i>
Common Foxglove*	<i>Digitalis purpurea</i>
Fireweed	<i>Epilobium angustifolium</i>
Purple-leaved Willowherb	<i>Epilobium ciliatum</i>
Cleavers	<i>Galium aparine</i>
Sweet-scented Bedstraw	<i>Galium triflorum</i>
Herb Robert	<i>Geranium robertianum</i>
Large-leaved Avens	<i>Geum macrophyllum</i>
Ground ivy	<i>Glechoma hederaceus</i>
Cow Parsnip	<i>Heracleum lanatum</i>
Sweet rocket	<i>Hesperis matronalis</i>
Hawkweed	<i>Hieracium sp.</i>
Hops	<i>Humulus lupulus</i>

Hairy Cat's-ear*	<i>Hypochaeris radicata</i>
Orange touch-me-not	<i>Impatiens capensis</i>
Purple Policeman's Helmet*	<i>Impatiens glandulifera</i>
small balsam	<i>impatiens parviflora</i>
Yellow Flag Iris*	<i>Iris pseudacorus</i>
Wall Lettuce	<i>Lactuca muralis</i>
Nipple wort	<i>Lapsana communis</i>
Bird's foot trefoil	<i>Lotus corniculatus</i>
Gypsy wort	<i>Lycopus europaeus</i>
Skunk Cabbage	<i>Lysichiton americanum</i>
Purple Loosestrife*	<i>Lythrum salicaria</i>
False Lily-of-the-valley	<i>Maianthemum dilatatum</i>
Pineapple Weed*	<i>Matricaria discoidea</i>
Black medick	<i>Medicago lupulina</i>
Mint	<i>Mentha sp.</i>
Forget-me-not	<i>Myosotis sp.</i>
Eurasian Water-milfoil*	<i>Myriophyllum spicatum</i>
Daffodil	<i>Narcissus pseudacorus</i>
Yellow Pond-Lily	<i>Nuphar polysepalum</i>
White Water Lily*	<i>Nyphaea odorata</i>
Pacific Water-parsley	<i>Oenanthe sarmentosa</i>
Evening primrose	<i>Oenothera glazoviana</i>
Ribwort plantain	<i>Plantago lanceolata</i>
Plantain	<i>Plantago major</i>
Japanese knotweed*	<i>Polygonum cuspidatum</i>
Giant Knotweed*	<i>Polygonum sachalinense</i>
Silverweed	<i>Potentilla anserina</i>
Pacific silverweed	<i>Potentilla pacifica</i>
March cinquefoil	<i>Potentilla palustris</i>
Self-heal	<i>Prunella vulgaris</i>
Tall buttercup	<i>Ranunculus acris</i>

Western Buttercup	<i>Ranunculus occidentalis</i>
Creeping Buttercup	<i>Ranunculus repens</i>
Bitter dock	<i>Rumex obtusifolius</i>
Western Dock	<i>Rumex occidentalis</i>
Grousel	<i>Senecio vulgaris</i>
Prickly Sow-thistle*	<i>Sonchus asper</i>
Chickweed	<i>Stellaria media</i>
Common Dandelion*	<i>Taraxacum officinale</i>
Fringecup	<i>Tellima grandiflora</i>
Foamflower	<i>Tiarella trifoliata</i>
Youth-on-age	<i>Tolmiea menziesii</i>
Broad-leaved Starflower	<i>Trientalis latifolia</i>
Red clover	<i>Tifolium pratense</i>
Hop clover	<i>Trifolium dubium</i>
White Clover	<i>Trifolium repens</i>
Cattail	<i>Tupha latifolia</i>
Stinging Nettle	<i>Urtica dioica</i>
Wall spedewell	<i>Veronica arvensis</i>
American speedwell	<i>Veronica beccabunga / cabunga</i>
Slender Speedwell	<i>Veronica filiformis</i>
Thyme leaf veronica	<i>Veronica sepyllifolia</i>
Vetch	<i>Vicia sativa common</i>

Total**80**

Grasses, Sedges, and Rushes Species

2011

#

Name	Scientific Name	NEW!
Grasses		
Meadow Foxtail*	<i>Alopecurus pratensis</i>	Y
Sweet Vernal Grass / Buffalo Grass	<i>Anthoxanthum odoratum</i>	
Red Fescue	<i>Festuca rubra</i>	
Giant Manna Grass*	<i>Glyceria maxima</i>	
Reed Canary Grass*	<i>Phalaris arundinacea</i>	
Annual bluegrass*	<i>Poa annua</i>	
Sedges		
Dewey Sedge	<i>Carex deweyana</i>	Y
Small-flowered Bulrush	<i>Scirpus microcarpus</i>	
Rushes		
Common Rush	<i>Juncus effusus</i>	
Slender Rush	<i>Juncus tenuis</i>	Y
Total	10	3

Grasses, Sedges, and Rushes Species 2010

Name	Scientific Name
Grasses	
Blue Wildrye*	<i>Elymus glaucus</i>
Reed Canary Grass*	<i>Phalaris arundinacea</i>
Orchard Grass*	<i>Dactylis glomerata</i>
Red Fescue	<i>Festuca rubra</i>
Annual bluegrass*	<i>Poa annua</i>
Tall Mannagrass*	<i>Glyceria elata</i>
Nodding Trisetum	<i>Trisetum cernuum</i>
Sweet Vernal Grass	<i>Anthoxanthum odoratum</i>
Giant Manna Grass*	<i>Glyceria maxima</i>
Downy Brome	<i>Bromus tectorum</i>
Sedges	
Small-flowered Bulrush	<i>Scirpus microcarpus</i>
Rushes	
Common Rush	<i>Juncus effusus</i>
Wool Grass	<i>scirpus atrocinctus</i>
Total	13

Ferns and Allies Species

2011

Name	Scientific Name	NEW!
Ferns		
Maidenhair fern	<i>Adiantum</i>	Y
Lady Fern	<i>Athyrium filix-femina</i>	
Spiny Wood Fern	<i>Dryopteris expansa</i>	
Licorice Fern	<i>Polypodium glycyrrhiza</i>	
Sword Fern	<i>Polystichum munitum</i>	
Bracken Fern	<i>Pteridium aquilinum</i>	
Horsetails		
Giant horsetail	<i>Equisetum telmateia</i>	
Common horsetail	<i>Equisetum arvense</i>	
Swamp Horsetail	<i>Equisetum fluviatile</i>	
Total	9	1

Ferns and Allies Species

Adapted from Pojar and Mackinnon

2010

Name	Scientific Name
Ferns	
Lady Fern	<i>Athyrium filix-femina</i>
Deer Fern	<i>Blechnum spicant</i>
Spiny Wood Fern	<i>Dryopteris expansa</i>
Licorice Fern	<i>Polypodium glycyrrhiza</i>
Sword Fern	<i>Polystichum munitum</i>
Male Fern	<i>Dryopteris filix-mas</i>
Bracken Fern	<i>Pteridium aquilinum</i>
Horsetails	
Giant horsetail	<i>Equisetum telmateia</i>
Common horsetail	<i>Equisetum arvense</i>
Swamp Horsetail	<i>Equisetum fluviatile</i>
Total	10

Bryophyte Species

2011

#

Name	Scientific Name	NEW!
Mosses		
Crane's Bill Moss	<i>Atrichum sp.</i>	
	<i>Atrichum undulatum</i>	
	<i>Aulacomnium androgynum</i>	
	<i>Brachythecium asperrimum</i>	
	<i>Brachythecium sp.</i>	
	<i>Brachythecium rutabulum</i>	
	<i>Bryum capillare</i>	
	<i>Bryum bicolor</i>	Y
	<i>Bryum sp. 1</i>	
	<i>Bryum sp. 2</i>	
	<i>Bryum sp. 3</i>	
	<i>Buckiella undulata</i>	
	<i>Calliergonella cuspidata</i>	
	<i>Campylium chrysophyllum</i>	Y
<i>Ceratodon purpureus</i>		
Tree Moss	<i>Claopodium crispifolium</i>	
	<i>Climacium dendroides</i>	Y
	<i>Dicranoweisia cirrata</i>	
	<i>Dicranum fuscescens</i>	
	<i>Dicranum scoparium</i>	
	<i>Dicranum tauricum</i>	
	<i>Didymodon eckeliae</i>	
	<i>Didymodon vinealis</i>	
	<i>Funaria hygrometrica</i>	
	<i>Homalothecium fulgescens</i>	
<i>Homalothecium nuttallii</i>		

	<i>Hylocomium splendens</i>	
	<i>Hypnum circinale</i>	
	<i>Hypnum subimponens</i>	
	<i>Isothecium cardotii</i>	
	<i>Isothecium stoloniferum</i>	
	<i>Kindbergia oregana</i>	
	<i>Kindbergia praelonga</i>	
	<i>Leucolepis acanthoneuron</i>	
	<i>Neckera douglasii</i>	
	<i>Orthotrichum lyellii</i>	
	<i>Orthotrichum consimile</i>	Y
	<i>Plagiomnium insigne</i>	
	<i>Plagiomnium venustum</i>	
	<i>Plagiothecium laetum</i>	
	<i>Plagiothecium denticulatum</i>	Y
	<i>Plagiothecium undulatum</i>	Y
	<i>Pohlia nutans</i>	
	<i>Polytrichastrum formosum</i>	
	<i>Polytrichum commune</i>	
	<i>Polytrichum juniperinum</i>	
	<i>Pseudoscleropodium purum</i>	Y
	<i>Pseudotaxiphyllum elegans</i>	
	<i>Rhizomnium glabrescens</i>	
	<i>Rhytidiadelphus loreus</i>	
Bent-leaf Moss	<i>Rhytidiadelphus squarrosus</i>	
	<i>Rhytidiadelphus triquetrus</i>	
	<i>Sanionia uncinata</i>	
	<i>Sphagnum fimbriatum</i>	
Sphagnum moss	<i>Sphagnum palustre</i>	
	<i>Sphagnum squarrosum</i>	

Sphagnum moss	<i>Sphagnum capillifolium?</i>	Y
	<i>Sphagnum</i> sp. (in the <i>Acutifolium</i>)	Y
	<i>Tetraphis pellucida</i>	
	<i>Tortula muralis</i>	
	<i>Ulota obtusiuscula</i>	

Liverworts

<i>Bazzania denudata</i>	
<i>Frullania nisquallensis</i>	
<i>Jamesoniella autumnalis</i>	Y
<i>Lepidozia reptans</i>	
<i>Lophocolea cuspidate</i>	Y
<i>Lophozia ventricosa</i>	Y
<i>Metzgeria conjugata</i>	Y
<i>Pellia neesiana</i>	Y
<i>Plagiochila aspleniodes</i>	Y
<i>Porella cordaeana</i>	
<i>Porella navicularis</i>	
<i>Ptilidium californicum</i>	
<i>Scapania bolanderi</i>	

Total	74	7
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Bryophyte Species

2010

Name	Scientific Name
Mosses	
Crane's bill moss	<i>Antitrichia curtipendula</i>
	<i>Atrichum undulatum</i>
	<i>Atrichum sp.</i>
	<i>Aulacomnium androgynum</i>
	<i>Brachythecium asperrimum</i>
	<i>Brachythecium s sp.</i>
	<i>Brachytheicum rutabulum</i>
	<i>Bryum capillare</i>
	<i>Bryum sp.1</i>
	<i>Bryum sp.2</i>
	<i>Buckiella undulata</i>
	<i>Calliergonella cuspidata</i>
	<i>Campylopus introflexus</i>
	<i>Ceratodon purpureus</i>
	<i>Claopodium crispifolium</i>
	<i>Dicranella heteromalla</i>
	<i>Dicranoweisia cirrata</i>
	<i>Dicranum fuscescens</i>
	<i>Dicranum scoparium</i>
	<i>Dicranum tauricum</i>
	<i>Didymodon vinealis</i>
	<i>Funaria hygrometrica</i>
	<i>Grimmia sp.</i>
	<i>Homalothecium fulgescens</i>
	<i>Homalothecium nuttallii</i>
	<i>Hylocomium splendens</i>

Hypnum circinale
Hypnum subimponens
Isothecium cardotii
Isothecium stoloniferum
Kindbergia oregana
Kindbergia praelonga
Leucolepis acanthoneuron
Neckera douglasii
Orthotrichum lyellii
Orthotrichum pulchellum
Orthotrichum striatum
Plagiomnium insigne
Plagiomnium venustum
Plagiothecium laetum
Plagiothecium piliferum
Pohlia nutans
Polytrichastrum formosum
Polytrichum commune
Polytrichum juniperinum
Polytrichum strictum
Pseudoleskea stenophylla
Pseudotaxiphyllum elegans
Racomitrium aciculare
Racomitrium heterostichum (s.l.)
Racomitrium varium
Rhizomnium glabrescens
Rhytidiadelphus loreus
Rhytidiadelphus squarrosus
Rhytidiadelphus triquetrus
Sanionia symmetrica

Bent-leaf Moss

Sanionia uncinata
Schistostega pennata
Scleropodium cespitans
Sphagnum fimbriatum
Sphagnum palustre
Sphagnum squarrosum
Tetraxis pellucida
Tortula muralis
Ulotia obtusiuscula

Liverworts

Bazzania denudata
Calyptogeia muelleriana
Frullania nisquallensis
Lepidozia reptans
Lophocolea bidentata
Metzgeria temperata
Porella cordaeana
Porella navicularis
Ptilidium californicum
Scapania bolanderi

Total **75**

Lichen Species

2011

Name	Scientific Name	NEW!
Hidden Gold Speck Lichen	<i>Candelariella aurella</i>	Y
	<i>Candellaria concolor</i>	
	<i>Cetraria orbata</i>	Y
Golf-tee	<i>Cladonia fimbriata</i>	
Lipstick cladonia	<i>Cladonia macilenta</i>	
	<i>Cladonia ochrochlora</i>	
dragon cladonia	<i>Cladonia squamosa</i>	
Oak Moss Lichen	<i>Evernia prunastri</i>	
	<i>Graphis scripta</i>	
	<i>Hypogymnia tubulosa</i>	
hooded bone	<i>Hypogymnia physodes</i>	
	<i>Hypotrachyna sinuosa</i>	Y
	<i>Lecanora sp.</i>	Y
	<i>Lecidea sp.</i>	Y
	<i>Lepraria incana</i>	
	<i>Lepraria sp.</i>	
	<i>Melanelia exasperatula</i>	
	<i>Melanelia subaurifera</i>	
	<i>Menegazzia subsimilis</i>	
	<i>Normandina pulchella</i>	Y
<i>Orchrolechia laevagata</i>	Y	
Western shield lichen	<i>Parmelia hygrophila</i>	
	<i>Parmelia sulcata</i>	
	<i>Parmotrema arnoldii</i>	
	<i>Pertusaria amara</i>	
	<i>Pertusaria subambigens</i>	
hooded rosette	<i>Physcia adscendens</i>	

Rosette lichen	<i>Physcia tenella</i>	
	<i>Platismatia glauca</i>	
	<i>Ramalina farinacea</i>	
Old Man's Beard	<i>Usnea subfloridana</i>	
	<i>Xanthoria candelaria</i>	Y
Pincushion Orange	<i>Xanthoria polycarpa</i>	
Total	33	8

Lichen Species

2010

Name	Scientific Name	Comments
	<i>Candellaria concolor</i>	
Lipstick cladonia	<i>Cladonia macilenta</i>	
Golf-tee	<i>Cladonia fimbriata</i>	
	<i>Cladonia ochrochlora</i>	
dragon cladonia	<i>Cladonia squamosa</i>	
	<i>Evernia prunastri</i>	
	<i>Graphis scripta</i>	
	<i>Hypogymnia tubulosa</i>	
hooded bone	<i>Hypogymnia physodes</i>	
	<i>Lepraria sp.</i>	Greenish
	<i>Lepraria incana</i>	Blueish
	<i>Melanelia exasperatula</i>	
	<i>Melanelia subaurifera</i>	
	<i>Menegazzia subsimilis</i>	on alder
	<i>Ochrolechia oregonensis</i>	on alder
	<i>Opegrapa Sp.</i>	
	<i>Parmelia hygrophila</i>	
Warty waxpaper l	<i>Parmelia saxatilis</i>	
	<i>Parmelia sulcata</i>	
waxpaper lichen	<i>Parmeliella triptophylla</i>	
	<i>Pertusaria subambigens</i>	
	<i>Parmotrema arnoldii</i>	
	<i>Pertuseria amara</i>	
hooded rosette	<i>Physcia adscendens</i>	
Rosette lichen	<i>Physcia tenella</i>	
	<i>Platismatia glauca</i>	
	<i>Ramalina farinacea</i>	on alder

Usnea subfloridana
Pincushion Orange *Xanthoria polycarpa*

on birch

Total 29

Fungi and Slime Mold Species

2011

Name	Scientific Name	NEW!
Fungi		
Lemon Disco	<i>Bisporella citrina</i>	Y
	<i>Clitocybe sp.</i>	Y
Tinder Conk	<i>Fomes fomentarius</i>	Y
Rosy Conk	<i>Fomitopsis cajanderi</i>	Y
Red belt	<i>Fomitopsis pinicola</i>	
Red-banded Polypore	<i>Fomitopsis pinicola</i>	Y
Artist's Conk	<i>Ganoderma applanatum</i>	Y
Sulfer Tuft	<i>Hypholoma fasciculare</i>	Y
	<i>Hypoxylon cf multifforme</i>	
The Deceiver	<i>Laccaria laccata</i>	
	<i>Lichenomphalia umbellifera</i>	Y
	<i>Mollisia cineria</i>	
Birch polypore	<i>Piptoporus betulinus</i>	
	<i>Polyporus elegans</i>	Y
Split Gill	<i>Schizophyllum commune</i>	Y
Eyelash cup	<i>Scutellinia scutellata</i>	Y
	<i>Stereum sp</i>	
Leaf-blister	<i>Taphrina populi-salicis</i>	Y
Hairy Turkey Tail	<i>Trametes hirsuta</i>	
Rainbow Fungus / Turkey Tail	<i>Trametes versicolor</i>	Y
Yellow Brain	<i>Tremella mesenterica</i>	Y
Brittle Cinder	<i>Ustulina deusta / Kretzschmar</i>	Y
Slime Molds		
	<i>Brefeldia elegans</i>	Y

Total	23	16
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Fungi and Slime Mold Species

2010

Name	Scientific Name	Comments
Fungi		
Common agrocybe	<i>Agrocybe pediades</i>	
Spring agrocybe	<i>Agrocybe praecox</i>	
	<i>Chlorociboria cf aeruginascens</i>	
Sweat-producing clitocybe	<i>Clitocybe cf clavipes</i>	
	<i>Cortinarius sp</i>	
	<i>Diatrype sp ?</i>	
	<i>Didymascella thujina</i>	
	<i>Didymascella thujina</i>	on red cedar
Red belt	<i>Fomitopsis pinicola</i>	
Artist fungus	<i>Ganoderma applanatum</i>	
	<i>Hypoxylon cf multiforme</i>	
	<i>Hypoxylon cf rufofuscum ?</i>	
	<i>Laccaria laccata</i>	
	<i>Leccinum sp</i>	
Pear-shaped puffball	<i>Lycoperdon pyriforme</i>	
	<i>Marasmius sp ?</i>	
	<i>Mollisia cinerea</i>	
Conch panus	<i>Panus conchatus</i>	
	<i>Phellinus hartigii</i>	
False tinder conk	<i>Phellinus igniarius</i>	
	<i>Phragmidium sp</i>	
Birch polypore	<i>Piptoporus betulinus</i>	
Oyster mushroom	<i>Pleurotus ostreatus</i>	
Deer mushroom	<i>Pluteus cervinus</i>	
Blueberry conifer rust	<i>Pucciniastrum goeppertianum</i>	
Split gill	<i>Schizophyllum commune</i>	

Hairy turkey tail

Turkey tail

Slime Molds

Stereum sp

Trametes hirsuta

Trametes versicolor

Trichaptum abietinum

Brefeldia Sp.

Ceratiomyxa fruticulosa

Total 32