

## **Appendix 2**

### **Lists of Terrestrial Species Reported from Helliwell Provincial Park**

#### **Terrestrial Flora Recorded for Helliwell Provincial Park**

#### **Source of Records for Presence of Terrestrial Flora of Helliwell Provincial Park**

#### **Rare Flora of Helliwell Provincial Park**

#### **Terrestrial Fauna Recorded for Helliwell Provincial Park**

#### **Source of Records for Presence of Terrestrial Fauna of Helliwell Provincial Park**

#### **Rare Fauna of Helliwell Provincial Park**

**Terrestrial Flora Recorded for Helliwell Provincial Park**

<b>Family</b>	<b>Genus &amp; Species</b>	<b>Common Name</b>	<b>Rarity</b>
Aceraceae (Maple)	<i>Acer glabrum var. douglasii</i>	Douglas' Maple	
	<i>Acer macrophyllum</i>	Big-leaf Maple	
Apiaceae/Umbelliferae (Carrot/Parsley)	<i>Anthriscus scandacina</i>	Bur Chervil	Intro.
	<i>Daucus carota</i>	Queen Anne's Lace	Intro.
	<i>Lomatium nudicaule</i>	Large-leaf Spring Gold, Pestle Parsnip	
	<i>Lomatium utriculatum</i>	Fine-leaf Spring Gold	
	<i>Oenanthe sarmentosa</i>	Water Parsley	
	<i>Osmorhiza chilensis</i>	Sweet Cicely	
	<i>Perideridia gairdneri</i>	Yampah	
	<i>Sanicula bipinnatifida</i>	Purple Sanicle	
	<i>Sanicula crassicaulis</i>	Pacific Snakeroot (Sanicle)	
Aquifoliaceae (Holly)	<i>Ilex aquifolium</i>	Holly	Intro.
Araliaceae (Ginseng)	<i>Hedera helix</i>	English Ivy	Intro.
Asteraceae (Compositae) (Sunflower)	<i>Achillea millefolium</i>	Common Yarrow	
	<i>Adenocaulon bicolor</i>	Pathfinder Plant	
	<i>Agoseris grandiflora</i>	Large-flowered Agoseris	
	<i>Agoseris heterophylla</i>	False Dandelion	
	<i>Ambrosia (Franseria) chamissonis</i>	Beach Burweed	
	<i>Anaphalis margaritacea</i>	Pearly Everlasting	
	<i>Artemisia campestris ssp. pacificum</i>	Pacific Sagebrush	
	<i>Artemisia suksdorfii</i>	Suksdorf's Sagebrush	
	<i>Bellis perennis</i>	Common Lawn Daisy	Intro.
	<i>Cirsium arvense</i>	Canadian Thistle	Intro.
	<i>Cirsium vulgare</i>	Bull Thistle	Intro.
	<i>Eriophyllum lanatum</i>	Woolly Sunflower	
	<i>Gnaphalium purpureum</i>	Purple Everlasting Cudweed	
	<i>Grindelia integrifolia</i>	Gumweed	
	<i>Hieracium albiflorum</i>	White-flowered Hawkweed	
	<i>Hypochaeris radicata</i>	Hairy Cat's-ear	Intro.
	<i>Lactuca muralis</i>	Wall Lettuce	Intro.
	<i>Leucanthemum vulgare (Chrysanthemum leucanthemum)</i>	Oxe-eye Daisy	Intro.
	<i>Madia madiodes</i>	Coastal Tarweed	
	<i>Sonchus arvensis</i>	Field Sow-thistle	Intro.
<i>Sonchus oleraceus</i>	Common Sow-thistle	Intro.	
<i>Taraxicum officinale</i>	Dandelion	Intro.	
Berberidaceae (Barberry)	<i>Achlys triphylla</i>	Vanilla Leaf	
	<i>Berberis (Mahonia) aquifolium</i>	Tall Oregon Grape	
	<i>Berberis (Mahonia) nervosa</i>	Common Oregon Grape	
Betulaceae (Birch)	<i>Alnus rubra</i>	Common Alder	
Boraginaceae (Borage)	<i>Myosotis discolor</i>	Little Wild Forget-me-not	Intro.
	<i>Plagiobothrys scouleri</i>	Small-flowered Plagiobothrys	
Brassicaceae/Cruciferae (Mustard)	<i>Arabis hirsuta</i>	Hairy Rockcross	Blue
	<i>Barbarea orthoceras</i>	America Wintercross	
Brassicaceae/Cruciferae (Mustard)	<i>Cardamine oligosperma</i>	Little Western Bittercross	
	<i>Cardamine pulcherrima</i>	Spring Beauty	

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Family	Genus & Species	Common Name	Rarity
	<i>Draba verna</i>	Spring Whitlow-grass	Intro.
	<i>Lepidium virginicum</i>	Tall Peppergrass	
	<i>Rorippa curvisiliqua</i>	Western Yellowcress	
	<i>Teesdalia nudicaulis</i>	Shepherd's Cress	Intro.
Cactaceae (Cactus)	<i>Opuntia fragilis</i>	Prickly-pear Cactus	
Campanulaceae (Harebell)	<i>Campanula scouleri</i>	Scouler's Harebell	
	<i>Heterocodon rariflorum</i>	Heterocodon	Blue
Caprifoliaceae (Honeysuckle)	<i>Linnea borealis</i>	Twinflower	
	<i>Lonicera ciliosa</i>	Orange Honeysuckle	
	<i>Lonicera hispidula</i>	Purple Honeysuckle	
	<i>Sambucus cerulea</i>	Blue Elderberry	
	<i>Sambucus racemosa</i>	Red Elderberry	
	<i>Symphoricarpus albus</i>	Snowberry	
Carophyllaceae (Pink)	<i>Arenaria macrophylla</i>	Big-leaved Sandwort	
	<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Intro.
	<i>Arenaria stricta</i>	Narrow-leaved Sandwort	
	<i>Cerastium arvense</i>	Field Chickweed	
	<i>Cerastium glomeratum (viscosum)</i>	Sticky Chickweed	Intro.
	<i>Honkenya peploides</i>	Seabeach Sandwort	
	<i>Minuartia (Arenaria) pusilla</i>	Little Sandwort	
	<i>Minuartia (Arenaria) rubella</i>	Boreal Sandwort	Intro.
	<i>Sagina decumbens</i> ssp. <i>occidentalis</i>	Creeping Pearlwort	Red
	<i>Sagina maxima</i>	Coastal Pearlwort	
	<i>Sagina procumbens</i>	Trailing Pearlwort	Intro.
	<i>Silene douglasii</i>	Douglas' Campion	
	<i>Silene gallica</i>	Windmill Campion	
	<i>Spergularia canadensis</i>	Canadian Sandspurry	
	<i>Spergularia rubra</i>	Red Sandspurry	Intro.
	<i>Stellaria crispa</i>	Crisped Starwort	
	<i>Stellaria humifusa</i>	Saltmarsh Starwort	
	<i>Stellaria media</i>	Common Chickweed	Intro.
Celastraceae (Staff-tree)	<i>Pachistima myrsinites</i>	False Box, Oregon boxwood	
Chenopodiaceae (Goosefoot)	<i>Chenopodium album</i>	Lamb's-quarters	Intro.
	<i>Salicornia virginica (pacifica)</i>	Pacific Saltwort	
Cornaceae (Dogwood)	<i>Cornus nuttallii</i>	Western Flowering Dogwood	
	<i>Cornus sericea (stolonifera)</i>	Coastal Red-osier Dogwood	
Crassulaceae (Stonecrop)	<i>Sedum lanceolatum</i>	Narrow-leaved Stonecrop	
	<i>Sedum oreganum</i>	Round-leaved Stonecrop	
Cupressaceae (Cypress)	<i>Juniperus scopulorum</i>	Western Juniper	
	<i>Thuja plicata</i>	Western Red Cedar	
Cuscutaceae (Dodder)	<i>Cuscuta salina</i>	Salt-marsh Dodder	
Cyperaceae (Sedge)	<i>Carex brevicaulis (C. deflexa, C. rossii)</i>	Short-stemmed Sedge	
	<i>Carex deweyana</i>	Dewey's Sedge	
	<i>Carex douglasii</i>	Douglas' Sedge	
Cyperaceae (Sedge)	<i>Carex echinata</i>	Muricate Sedge	
	<i>Carex exsiccata</i>	Inflated Sedge	
	<i>Carex hendersonii</i>	Big Green Woods Sedge	

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<i>Cyperaceae</i> (Sedge)	<i>Carex hoodii</i>	Hood's Sedge	
	<i>Carex lanuginosa</i>	Woolly Sedge	
	<i>Carex lyngbyei</i>	Lyngby's Sedge	
	<i>Carex macloviana</i>	Falkland Island Sedge	
	<i>Carex obnupta</i>	Slough Sedge	
	<i>Carex pallescens</i>	Pale Sedge	
	<i>Carex pensylvanica (C.inops)</i>	Pennsylvania (Long-stoloned) Sedge	
	<i>Carex unilateralis</i>	One-sided Sedge	
	<i>Eleocharis palustris</i>	Common Spike-rush	
	<i>Scirpus microcarpus</i>	Small-flowered bulrush	
<i>Equisetaceae</i> (Horsetail)	<i>Equisetum arvense</i>	Common Horsetail	
	<i>Equisetum hyemale</i>	Common Scouring Rush	
<i>Ericaceae</i> (Heath)	<i>Arbutus menziesii</i>	Arbutus	
	<i>Arctostaphylos uva-ursi</i>	Kinnikinnick	
	<i>Gaultheria shallon</i>	Salal	
	<i>Monotropa uniflora</i>	Indian Pipe	
	<i>Vaccinium ovatum</i>	Evergreen Huckleberry	
	<i>Vaccinium parvifolium</i>	Red Huckleberry	
<i>Fabaceae</i> (Leguminosae) (Pea)	<i>Lathyrus japonicus</i>	Beach Pea	
	<i>Lathyrus littoralis</i>	Little Beach Pea	
	<i>Lathyrus nevadensis</i>	Purple Pea	
	<i>Trifolium depauperatum</i>	Poverty Clover	Red
	<i>Trifolium dubium</i>	Least Hop Clover	Intro.
	<i>Trifolium microdon</i>	Thimble Clover	
	<i>Trifolium oliganthum</i>	Few-flowered Clover	
	<i>Trifolium pratense</i>	Red Field Clover	Intro.
	<i>Trifolium repens</i>	White Clover	Intro.
	<i>Trifolium tridentatum</i>	Lance Clover	
	<i>Trifolium variegatum</i>	White-tip Clover	
	<i>Trifolium wormskjoldii</i>	Purple Clover	
	<i>Vicia americana</i>	American Vetch	
	<i>Vicia gigantea</i>	Giant Vetch	
	<i>Vicia hirsuta</i>	Little Hairy Vetch	Intro.
	<i>Vicia sativa</i>	Common Vetch	Intro.
	<i>Fagaceae</i> ( Beech)	<i>Quercus garryana</i>	Garry Oak
<i>Geraniaceae</i> (Geranium)	<i>Erodium cicutarium</i>	Fileree	Intro.
	<i>Geranium molle</i>	Dove-foot Geranium	Intro.
	<i>Geranium robertianum</i>	Herb Robert	Intro.
<i>Grossulariaceae</i> (Current/Gooseberry)	<i>Ribes divaricatum</i>	Coastal Gooseberry	
	<i>Ribes lobbii</i>	Gummy Gooseberry	
	<i>Ribes sanguineum</i>	Red-flowering Current	
<i>Hydrangeaceae</i> (Hydrangea)	<i>Philadelphus lewisii</i>	Wild Mock-orange	
<i>Hydrophyllaceae</i> (Waterleaf)	<i>Nemophila parviflora</i>	Grovelover	
	<i>Nemophila pedunculata</i>	Meadow Nemophila	Blue
<i>Hypericaceae</i> (St. John's-wort)	<i>Hypericum anagalloides</i>	Dwarf St. John's-wort	
	<i>Hypericum formosum</i>	Western St. John's Wort	
<i>Iridaceae</i> (Iris)	<i>Iris pseudacorus</i>	Yellow Flag	Intro.
	<i>Sisyrinchium angustifolium</i>	Blue-eyed grass	
<i>Isoetaceae</i> (Quillwort)	<i>Isoetes nuttallii</i>	Nuttall's Quillwort	Blue

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<i>Juglandaceae</i>	<i>Juglans regia</i>	English walnut	Intro.
<i>Juncaceae</i> ( Rush)	<i>Juncus arcticus</i>	Arctic Rush	Blue
	<i>Juncus bufonius</i>	Toad Rush	
	<i>Juncus effusus</i>	Common Rush	
	<i>Juncus filiformis</i>	Thread Rush	
	<i>Juncus tenuis</i>	Slender Rush	
	<i>Luzula campestris</i>	Field Wood-rush	
<i>Juncaginaceae</i> ( Arrow-grass)	<i>Triglochin concinnum</i> var. <i>concinnum</i>	Graceful Arrow-grass	Red
	<i>Triglochin maritimum</i>	Seaside Arrow-grass	
<i>Lamiaceae/Labiatae</i> (Mint)	<i>Glechoma hederacea</i>	Creeping Charlie	Intro.
	<i>Mentha arvensis</i>	Canada Mint	
	<i>Prunella vulgaris</i>	Self-heal	
	<i>Satureja douglasii</i>	Yerba Buena	
	<i>Stachys cooleyae</i>	Stink Mint	
<i>Liliaceae</i> ( Lily)	<i>Allium acuminatum</i>	Hooker's Onion	
	<i>Brodiaea coronaria</i>	Harvets Brodiaea	
	<i>Camassia quamash</i>	Common Camas	
	<i>Erythronium oregonum</i>	White Easter Lily	
	<i>Fritillaria lanceolata</i>	Chocolate Lily	
	<i>Lilium columbianum</i>	Tigerlily	
	<i>Maianthemum dilatatum</i>	Lily-of-the-Valley	
	<i>Smilacina racemosa</i>	Plumed Solomon-seal	
	<i>Triteleia hyacinthina</i>	White Tritelleia	
	<i>Zygadenus venenosus</i>	Death Camas	
<i>Onagraceae</i> (Evening-primrose)	<i>Circaea alpina</i>	Enchanter's Nightshade	
	<i>Clarkia amoena</i>	Clarkia	
	<i>Epilobium ciliatum</i>	Purple-leaved willowherb	Intro.
	<i>Epilobium minutum</i>	Small Willow-herb	
	<i>Epilobium angustifolium</i>	Fireweed	
<i>Ophioglossaceae</i> (Adder's Tongue)	<i>Botrychium multifidum</i>	Leathery Grape-fern	
<i>Orchidaceae</i> (Orchid)	<i>Corallorhiza macula</i>	Spotted Coral-root	
	<i>Goodyera oblongifolia</i>	Rattlesnake Plantain	
	<i>Platanthera unalascensis</i>	Alaska Rein Orchid	
	<i>Spiranthes romanzoffiana</i>	Spiral Lady's-tress	
<i>Orobanchaceae</i> (Broomrape)	<i>Boschniakia hookeri</i>	Groundcone	
	<i>Orobanche californica</i>	Groundcone	
	<i>Orobanche uniflora</i>	Single-flowered Broomrape	
<i>Pinaceae</i> (Pine)	<i>Abies grandis</i>	Grand (Balsam) Fir	
	<i>Pinus contorta</i>	Shore Pine	
	<i>Pseudotsuga menziesii</i>	Douglas Fir	
	<i>Tsuga heterophylla</i>	Western Hemlock	
<i>Plantaginaceae</i> (Plantain)	<i>Plantago bigelovii</i>	Bigelow's Plantain	
	<i>Plantago elongata</i>	Slender Plantain	
	<i>Plantago lanceolata</i>	English Plantain	Intro.
	<i>Plantago major</i>	Broad-leaved Plantain	Intro.
	<i>Plantago maritima</i> spp. <i>juncooides</i>	Seaside Plantain	
<i>Poaceae/Graminae</i> (Grass)	<i>Agropyron canina</i> var. <i>majus</i>	Awned Wheatgrass	
	<i>Agrostis exerata</i>	Spike Bentgrass	

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<i>Poaceae/Graminae</i> (Grass)	<i>Aira caryophylllea</i>	Silver Hairgrass	Intro.
	<i>Aira praecox</i>	Little Hairgrass	Intro.
	<i>Anthoxanthum odoratum</i>	Sweet Vernalgrass	Intro.
	<i>Bromus carinatus</i>	California Broom-grass	
	<i>Bromus mollis</i>	Soft Broom-grass	Intro.
	<i>Bromus rigidus</i>	Rip-gut Broom-grass	Intro.
	<i>Bromus sitchensis</i>	Sitka Broom-grass	
	<i>Bromus tectorum</i>	Columbia Broom-grass	Intro.
	<i>Calamagrostis canadensis</i>	Bluejoint	
	<i>Cynosurus cristatus</i>	Crested Dog's-tail Grass	Intro.
	<i>Dactylis glomerata</i>	Orchardgrass	Intro.
	<i>Danthonia californica</i>	California Oatgrass	
	<i>Distichlis spicata</i>	Seashore Saltgrass	
	<i>Elymus glaucus</i>	Western Ryegrass	
	<i>Festuca bromoides</i>	Barren Fescue	Intro.
	<i>Festuca idahoensis</i>	Idaho Fescue	
	<i>Festuca myuros</i>	Rat-tailed Fescue	Intro.
	<i>Festuca pratensis</i>	Meadow Fescue	Intro.
	<i>Festuca roemerii</i>	Roemer's Fescue	
	<i>Festuca rubra</i>	Red Fescue	
	<i>Holcus lanatus</i>	Velvetgrass	Intro.
	<i>Leymus mollis</i>	Dunegrass	
	<i>Lolium perenne</i>	Perennial Ryegrass	Intro.
	<i>Panicum occidentale</i>	Western Panicum	
	<i>Panicum scribnerianum</i>	Scribner's Panicgrass	
	<i>Phalaris arundinacea</i>	Canary Reed Grass	
	<i>Poa annua</i>	Annual Bluegrass	
	<i>Poa interior</i>	Inland Bluegrass	Intro.
<i>Polemoniaceae</i> (Phlox)	<i>Linanthus bicolor</i>	Bicoloured Linanthus	
	<i>Microsteris gracilis</i>	Pink Microsteris	
<i>Polygonaceae</i> (Buckwheat)	<i>Polygonum spergulariaeforme</i>	Fall Knotweed	
	<i>Rumex acetosella</i>	Common Sorrel	Intro.
	<i>Rumex crispus</i>	Curly Dock	Intro.
	<i>Rumex occidentalis</i>	Western Dock	
	<i>Rumex salicifolius</i>	Willow-leaved Dock	
<i>Polypodiaceae</i> (Common Fern)	<i>Athyrium felix-femina</i>	Lady-fern	
	<i>Blechnum spicant</i>	Deer Fern	
	<i>Dryopteris arguta</i>	Coastal Shield Fern	Blue
	<i>Dryopteris expansa/austriaca</i>	Wood Fern	
	<i>Pityrogramma/Pentagramma triangularis</i>	Goldenback Fern	
	<i>Polypodium glycyrrhiza/vulgare</i>	Licorice Fern	
	<i>Polystichum munitum</i>	Sworn Fern	
	<i>Pteridium aquilinum</i>	Bracken Fern	
	<i>Thelypteris ?</i>	?	
<i>Portulacaceae</i> (Purslane)	<i>Calandrinia ciliata</i>	Red Maids	
	<i>Claytonia (Montia) perfoliata var. glauca</i>	Miner's lettuce	
	<i>Claytonia (Montia) siberica</i>	Siberian Miner's Lettuce	
	<i>Claytonia (Montia) spathulata</i>	Pale Montia	

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<i>Portulacaceae</i> (Purslane)	<i>Montia fontana</i> var. <i>tenerrima</i>	Water Chickweed	
	<i>Montia howellii</i>	Howell's Montia	Red
	<i>Montia linearis</i>	Narrow-leaved Montia	
	<i>Montia parvifolia</i>	Small-leaved Montia	
<i>Primulaceae</i> (Primrose)	<i>Centunculus minimus</i>	Dwarf Chaffweed	Blue
	<i>Dodecatheon hendersonii</i>	Broad-leaved Shooting Star	
	<i>Dodecatheon pulchellum</i>	Dark-throat Shooting Star	
	<i>Trientalis latifolia</i>	Starflower	
<i>Ranunculaceae</i> (Buttercup)	<i>Anemone lyallii</i>	Lyall's Wood Anemome	
	<i>Delphinium menziesii</i>	Menzies Larkspur	
	<i>Myosurus minimus</i>	Least Mousetail	Blue
	<i>Ranunculus flammula</i>	Spearwort	
	<i>Ranunculus occidentalis</i>	Western Buttercup	
	<i>Ranunculus orthorhyncus</i>	Straight-beak Buttercup	
	<i>Ranunculus uncinatus</i>	Small-flowered Buttercup	
<i>Rhamnaceae</i> (Buckthorn)	<i>Rhamnus purshiana</i>	Cascara	
<i>Rosaceae</i> (Rose)	<i>Alchemilla occidentalis</i>	Western Lady's-mantle	
	<i>Amalanchier alnifolia</i>	Western Saskatoonberry	
	<i>Cotoneaster horizontalis</i>	Rockspray cotoneaster	Intro.
	<i>Crataegus douglasii</i>	Black Hawthorn	
	<i>Crataegus monogyna</i>	Common Hawthorn	Intro.
	<i>Fragaria vesca</i>	Woods Strawberry	
	<i>Fragaria virginiana</i> var. <i>platypetala</i>	Broad-petal Strawberry	
	<i>Geum macrophyllum</i>	Large-leaved Avens	
	<i>Holodiscus discolor</i>	Ocean-spray	
	<i>Malus (Pyrus) fusca</i>	Wild Crabapple	
	<i>Physocarpus capitatus</i>	Nine-bark	
	<i>Potentilla anserina (pacifica)</i>	Silverweed	
	<i>Potentilla gracilis</i>	Slender Cinquefoil	
	<i>Prunus cerasus</i>	Domestic Sour Cherry	Intro.
	<i>Prunus domestica</i>	Domestic Plum	Intro.
	<i>Prunus emarginata</i>	Western Wild Cherry	
	<i>Prunus virginiana</i>	Choke Cherry	
	<i>Pyrus communis</i>	Domestic Pear	Intro.
	<i>Pyrus malus</i>	Domestic Apple	Intro.
	<i>Rosa gymnocarpa</i>	Little (Baldhip) Wild Rose	
	<i>Rosa nutkana</i>	Large (Nootka) Rose	
	<i>Rubus discolor</i>	Himalayan (Broad-leaved) Blackberry	Intro.
	<i>Rubus laciniatus</i>	Cut-leaved (Evergreen) Blackberry	Intro.
	<i>Rubus leucodermis</i>	Wild Raspberry	
	<i>Rubus parviflorus</i>	Thimbleberry	
	<i>Rubus spectabilis</i>	Salmonberry	
	<i>Rubus ursinus</i>	Trailing Bramble (Blackberry)	
	<i>Rubiaceae</i> (Madder)	<i>Galium aparine</i>	Common Lady's Bedstraw
<i>Galium boreale</i>		Northern Bedstraw	
<i>Sherardia arvensis</i>		Field Madder	Intro.
<i>Salicaceae</i> (Willow)	<i>Populus tremuloides</i>	Quaking Aspen	

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<i>Salicaceae (Willow)</i>	<i>Populus balsamifera ssp. trichocarpa</i>	Northern Black Cottonwood	
	<i>Salix hookeriana</i>	Hooker's Willow	
	<i>Salix lucida ssp. lasiandra</i>	Pacific Willow	
	<i>Salix scouleriana</i>	Scouler's Willow	
<i>Saxifragaceae (Saxifrage)</i>	<i>Heuchera micrantha</i>	Small-flowered Alumroot	
	<i>Lithophragma parviflora</i>	Common Fringecup	
	<i>Saxifraga integrifolia</i>	Early Saxifrage	
<i>Saxifragaceae (Saxifrage)</i>	<i>Tellima grandiflora</i>	Woodland Fringecup	
	<i>Tiarella trifoliata</i>	Foam Flower	
<i>Scrophulariaceae (Figwort)</i>	<i>Castilleja hispida</i>	Coastal Paintbrush	
	<i>Castilleja miniata</i>	Common Red Paintbrush	
	<i>Collinsia parviflora</i>	Lesser Blue-eyed Mary	
	<i>Digitalis purpurea</i>	Foxglove	Intro.
	<i>Euphrasia nemorosa (officinalis)</i>	Eyebright	Intro.
	<i>Mimulus alsinoides</i>	Little Monkeyflower	
	<i>Mimulus guttatus</i>	Common Monkeyflower	
	<i>Orthocarpus attenuatus</i>	Narrow-leaved Owlclover	
	<i>Orthocarpus pusillus</i>	Dwarf Owlclover	
	<i>Veronica arvensis</i>	Field Speedwell	Intro.
	<i>Veronica peregrina var. peregrina</i>	Smooth Little Purslane Speedwell	Intro.
<i>Veronica serpyllifolia</i>	Thyme-leaf Speedwell		
<i>Selaginellaceae (Selaginella)</i>	<i>Selaginella wallacei</i>	Wallace's Sellaginella	
<i>Taxaceae (Yew)</i>	<i>Taxus brevifolia</i>	Western Yew	
<i>Urticaceae (Nettle)</i>	<i>Urtica dioica</i>	Common Stinging Nettle	
<i>Valerianaceae (Valerian)</i>	<i>Plectritis brachystemon</i>	Pale Sea Blush	
	<i>Plectritis congesta</i>	Sea Blush	
<i>Violaceae (Violet)</i>	<i>Viola adunca</i>	Early Blue Violet	
	<i>Viola howelli</i>	Howell's Violet	Blue
	<i>Viola palustris</i>	Marsh Violet	



## Source of Records for Presence of Terrestrial Flora of Helliwell Provincial Park

Family	Genus & Species	Source					
		1(RM)	2(AW)	3(MW)	4(CDC)	5(KD)	6(hist)
Aceraceae (Maple)	<i>Acer glabrum var. douglasii</i>	*	*	*		*	*
	<i>Acer macrophyllum</i>	*	*	*		*	
Apiaceae/Umbelliferae (Carrot/Parsley)	<i>Anthriscus scandacina</i>	*					
	<i>Daucus carota</i>	*					
	<i>Lomatium nudicaule</i>	*					
	<i>Lomatium utriculatum</i>	*					
	<i>Oenanthe sarmentosa</i>	*				*	
	<i>Osmorhiza chilensis</i>	*					
	<i>Perideridia gairdneri</i>	*					
	<i>Sanicula bipinnatifida</i>				*		
	<i>Sanicula crassicaulis</i>	*					
Aquifoliaceae (Holly)	<i>Ilex aquifolium</i>	*				*	
Araliaceae (Ginseng)	<i>Hedera helix</i>	*				*	
Asteraceae/Compositae (Sunflower)	<i>Achillea millefolium</i>	*		*		*	
	<i>Adenocaulon bicolor</i>	*	*	*			
	<i>Agoseris grandiflora</i>	*					
	<i>Agoseris heterophylla</i>	*					
	<i>Ambrosia chamissonis</i>	*					
	<i>Anaphalis margaritacea</i>	*	*	*			
	<i>Artemisia campestris ssp. pacificum</i>	*					
	<i>Artemisia suksdorfii</i>	*					
	<i>Bellis perennis</i>	*	*	*			
	<i>Cirsium arvense</i>	*	*	*		*	
	<i>Cirsium vulgare</i>	*	*	*		*	
	<i>Eriophyllum lanatum</i>	*	*	*		*	
	<i>Gnaphalium purpureum</i>	*				*	
	<i>Grindelia integrifolia</i>	*	*	*		*	
	<i>Hieracium albiflorum</i>	*					
	<i>Hypochaeris radicata</i>	*	*	*		*	
	<i>Lactuca muralis</i>	*				*	
	<i>Leucanthemum vulgare (Chrysanthemum leucanthemum)</i>	*	*	*			
	<i>Madia madiodes</i>	*	*	*			
	<i>Sonchus arvensis</i>	*	*				
<i>Sonchus oleraceus</i>	*						
<i>Taraxicum officinale</i>	*						
Berberidaceae (Barberry)	<i>Achlys triphylla</i>	*	*	*			
	<i>Berberis (Mahonia) aquifolium</i>	*	*	*		*	
	<i>Berberis (Mahonia) nervosa</i>	*	*	*		*	
Betulaceae (Birch)	<i>Alnus rubra</i>	*	*	*		*	*
Boraginaceae (Borage)	<i>Myosotis discolor</i>	*					
	<i>Plagiobothrys scouleri</i>	*	*				
Brassicaceae/Cruciferae (Mustard)	<i>Arabis hirsuta</i>	*	*				
	<i>Barbarea orthoceras</i>	*	*				
	<i>Cardamine oligosperma</i>	*					
Brassicaceae/Cruciferae	<i>Cardamine pulcherrima</i>	*					

## Source of Records for Presence of Terrestrial Flora of Helliwell Provincial Park

Family	Genus & Species	Source					
		1(RM)	2(AW)	3(MW)	4(CDC)	5(KD)	6(hist)
(Mustard)	<i>Draba verna</i>	*	*				
	<i>Lepidium virginicum</i>	*					
	<i>Rorippa curvisiliqua</i>	*					
	<i>Teesdalia nudicaulis</i>	*					
Cactaceae (Cactus)	<i>Opuntia fragilis</i>	*	*	*			*
Campanulaceae (Harebell)	<i>Campanula scouleri</i>	*	*	*			
	<i>Heterocodon rariflorum</i>	*					
Caprifoliaceae (Honeysuckle)	<i>Linnea borealis</i>	*	*	*			*
	<i>Lonicera ciliosa</i>	*	*	*		*	*
	<i>Lonicera hispidula</i>	*	*	*		*	*
	<i>Sambucus cerulea</i>			*			*
	<i>Sambucus racemosa</i>	*	*	*			
	<i>Symphoricarpus albus</i>	*	*	*		*	
Carophyllaceae (Pink)	<i>Arenaria macrophylla</i>	*	*	*			
	<i>Arenaria serpyllifolia</i>	*					
	<i>Arenaria stricta</i>	*					
	<i>Cerastium arvense</i>	*	*	*		*	
	<i>Cerastium viscosum</i>	*					
	<i>Honkenya peploides</i>	*					
	<i>Minuartia (Arenaria) pusilla</i>	*					
	<i>Minuartia (Arenaria) rubella</i>	*					
	<i>Sagina decumbens</i> ssp <i>occidentalis</i>	*			*		
	<i>Sagina maxima</i>		*				
	<i>Sagina procumbens</i>	*					
	<i>Silene douglasii</i>		*				
	<i>Silene gallica</i>	*					
	<i>Spergularia canadensis</i>	*					
	<i>Spergularia rubra</i>	*	*	*			
	<i>Stellaria crispa</i>	*					
	<i>Stellaria humifusa</i>		*				
	<i>Stellaria media</i>	*					
Celastraceae (Staff-tree)	<i>Pachistima myrsinites</i>	*					
Chenopodiaceae (Goosefoot)	<i>Chenopodium album</i>	*					
	<i>Salicornia virginica (pacifica)</i>	*	*	*			
Cornaceae (Dogwood)	<i>Cornus nuttallii</i>	*					
	<i>Cornus seicea (stolonifera)</i>	*					
Crassulaceae (Stonecrop)	<i>Sedum lanceolatum</i>	*	*				
	<i>Sedum oreganum</i>	*	*				
Cupressaceae (Cypress)	<i>Juniperus scopulorum</i>	*	*	*		*	
	<i>Thuja plicata</i>	*	*	*		*	*
Cuscutaceae (Dodder)	<i>Cuscuta salina</i>	*	*	*			
Cyperaceae (Sedge)	<i>Carex brevicaulis (C. deflexa, C. rossii)</i>	*					
	<i>Carex deweyana</i>	*					
Cyperaceae (Sedge)	<i>Carex douglasii</i>	*					
	<i>Carex echinata</i>	*					
Cyperaceae (Sedge)	<i>Carex exsiccata</i>	*					

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Family	Genus & Species	Source					
		1(RM)	2(AW)	3(MW)	4(CDC)	5(KD)	6(hist)
Cyperaceae (Sedge)	<i>Carex hendersonii</i>	*					
	<i>Carex hoodii</i>	*					
	<i>Carex lanuginosa</i>	*					
	<i>Carex lyngbyei</i>	*					
	<i>Carex macloviana</i>	*					
	<i>Carex obnupta</i>	*				*	
	<i>Carex pallescens</i>	*					
	<i>Carex pensylvanica (C.inops)</i>	*					
	<i>Carex unilateris</i>	*					
	<i>Eleocharis palustris</i>	*					
	<i>Scirpus microcarpus</i>					*	
Equisetaceae (Horsetail)	<i>Equisetum arvense</i>	*				*	
	<i>Equisetum hyemale</i>	*	*	*		*	
Ericaceae (Heath)	<i>Arbutus menziesii</i>	*	*	*		*	*
	<i>Arctostaphylos uva-ursi</i>	*					
	<i>Gaultheria shallon</i>	*	*	*		*	
Ericaceae (Heath)	<i>Monotropa uniflora</i>	*	*	*			
	<i>Vaccinium ovatum</i>	*	*	*		*	
	<i>Vaccinium parvifolium</i>	*	*	*		*	
Fabaceae (Leguminosae) (Pea)	<i>Lathyrus japonicus</i>	*	*				
	<i>Lathyrus littoralis</i>	*					
	<i>Lathyrus nevadensis</i>	*					
	<i>Trifolium depauperatum</i>	*					
	<i>Trifolium dubium</i>	*	*	*			
	<i>Trifolium microdon</i>	*					
	<i>Trifolium oliganthum</i>	*					
	<i>Trifolium pratense</i>	*				*	
	<i>Trifolium repens</i>	*	*			*	
	<i>Trifolium tridentatum</i>	*	*	*			
	<i>Trifolium variegatum</i>	*					
	<i>Trifolium wormskjoldii</i>	*				*	
	<i>Vicia americana</i>	*	*			*	
	<i>Vicia gigantea</i>	*	*				
	<i>Vicia hirsuta</i>	*					
	<i>Vicia sativa</i>	*	*	*			
Fagaceae (Beech)	<i>Quercus garryana</i>	*	*	*		*	
Geraniaceae (Geranium)	<i>Erodium cicutarium</i>	*					
	<i>Geranium molle</i>	*	*	*		*	
	<i>Geranium robertianum</i>	*	*			*	
Grossulariaceae (Current/Gooseberry)	<i>Ribes divaricatum</i>	*				*	
	<i>Ribes lobbii</i>		*	*			
	<i>Ribes sanguineum</i>	*	*	*		*	*
Hydrangeaceae (Hydrangea)	<i>Philadelphus lewisii</i>	*				*	*
Hydrophyllaceae (Waterleaf)	<i>Nemophila parviflora</i>	*					
	<i>Nemophila pedunculata</i>	*					
Hypericaceae (St. John's-wort)	<i>Hypericum anagalloides</i>	*	*	*			
Hypericaceae (St. John's-wort)	<i>Hypericum formosum</i>	*					
Iridaceae (Iris)	<i>Iris pseudacorus</i>	*					

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Family	Genus & Species	Source					
		1(RM)	2(AW)	3(MW)	4(CDC)	5(KD)	6(hist)
	<i>Sisyrinchium angustifolium</i>	*	*	*			
Isoetaceae (Quillwort)	<i>Isoetes nuttallii</i>	*					
Juglandaceae	<i>Juglans regia</i>					*	
Juncaceae (Rush)	<i>Juncus arcticus</i>	*					
	<i>Juncus bufonius</i>	*					
	<i>Juncus effusus</i>	*				*	
	<i>Juncus filiformis</i>	*					
	<i>Juncus tenuis</i>	*					
	<i>Luzula campestris</i>	*				*	
Juncaginaceae (Arrow-grass)	<i>Triglochin concinnum</i> var. <i>concinnum</i>	*					
	<i>Triglochin maritimum</i>	*					
Lamiaceae/Labiatae (Mint)	<i>Glechoma hederacea</i>	*					
	<i>Mentha arvensis</i>		*	*		*	
	<i>Prunella vulgaris</i>	*	*	*		*	
	<i>Satureja douglasii</i>	*	*	*		*	
	<i>Stachys cooleyae</i>	*	*	*			
Liliaceae (Lily)	<i>Allium acuminatum</i>	*	*	*			*
	<i>Brodiaea coronaria</i>	*	*	*			
	<i>Camassia quamash</i>	*	*	*			*
	<i>Erythronium oregonum</i>	*	*				*
	<i>Fritillaria lanceolata</i>	*	*			*	*
	<i>Lilium columbianum</i>	*					*
	<i>Maianthemum dilatatum</i>	*					
	<i>Smilacina racemosa</i>	*					
	<i>Triteleia hyacinthina</i>	*	*	*			
Liliaceae (Lily)	<i>Zygadenus venenosus</i>	*	*	*		*	*
Onagraceae (Evening-primrose)	<i>Circaea alpina</i>	*					
	<i>Clarkia amoena</i>	*				*	
	<i>Epilobium ciliatum</i>					*	
	<i>Epilobium minutum</i>	*					
	<i>Epilobium angustifolium</i>		*	*			
Ophioglossaceae (Adder's Tongue)	<i>Botrychium multifidum</i>	*					
Orchidaceae (Orchid)	<i>Corallorhiza macula</i>	*					
	<i>Goodyera oblongifolia</i>	*	*	*		*	
	<i>Platanthera unalascensis</i>	*					
	<i>Spiranthes romanzoffiana</i>	*	*	*			
Orobanchaceae (Broomrape)	<i>Boschniakia hookeri</i>		*	*			
	<i>Orobanche californica</i>	*	*	*			
	<i>Orobanche uniflora</i>	*	*	*			
Pinaceae (Pine)	<i>Abies grandis</i>	*	*	*		*	
	<i>Pinus contorta</i>	*	*	*		*	
	<i>Pseudotsuga menziesii</i>	*	*	*		*	*
	<i>Tsuga heterophylla</i>	*				*	
Plantaginaceae (Plantain)	<i>Plantago bigelovii</i>	*					
	<i>Plantago elongata</i>	*				*	
	<i>Plantago lanceolata</i>	*	*	*		*	
	<i>Plantago major</i>	*	*	*			

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Family	Genus & Species	Source					
		1(RM)	2(AW)	3(MW)	4(CDC)	5(KD)	6(hist)
<i>Plantaginaceae</i> (Plantain)	<i>Plantago maritima</i> spp. <i>juncoides</i>	*	*	*			
<i>Poaceae/Graminae</i> (Grass)	<i>Agropyron canina</i> var. <i>majus</i>	*					
	<i>Agrostis exarata</i>	*					
	<i>Aira caryophyllea</i>	*				*	
	<i>Aira praecox</i>	*				*	
	<i>Anthoxanthum odoratum</i>	*					
	<i>Bromus carinatus</i>	*				*	
	<i>Bromus mollis</i>	*					
	<i>Bromus rigidus</i>	*					
	<i>Bromus sitchensis</i>	*					
	<i>Bromus tectorum</i>	*					
	<i>Calamagrostis canadensis</i>					*	
	<i>Cynosurus cristatus</i>	*				*	
	<i>Dactylis glomerata</i>	*				*	
	<i>Danthonia californica</i>	*				*	
	<i>Distichlis spicata</i>		*				
	<i>Elymus glaucus</i>	*				*	
	<i>Festuca bromoides</i>	*					
	<i>Festuca idahoensis</i>	*					
	<i>Festuca myuros</i>	*					
	<i>Festuca pratensis</i>	*					
	<i>Festuca roemerii</i>	*					
	<i>Festuca rubra</i>	*				*	
	<i>Holcus lanatus</i>	*				*	
	<i>Leymus mollis</i>	*				*	
	<i>Lolium perenne</i>	*					
	<i>Panicum occidentale</i>	*					
	<i>Panicum scribnerianum</i>	*					
	<i>Phalaris arundinacea</i>	*				*	
	<i>Poa annua</i>	*				*	
	<i>Poa interior</i>	*					
<i>Polemoniaceae</i> (Phlox)	<i>Linanthus bicolor</i>	*					
	<i>Microsteris gracilis</i>	*					
<i>Polygonaceae</i> (Buckwheat)	<i>Polygonum spergulariaeforme</i>	*					
	<i>Rumex acetosella</i>	*	*			*	
	<i>Rumex crispus</i>	*				*	
<i>Polygonaceae</i> (Buckwheat)	<i>Rumex occidentalis</i>	*					
	<i>Rumex salicifolius</i>	*					
<i>Polypodiaceae</i> (Common Fern)	<i>Athyrium felix-femina</i>	*				*	
	<i>Blechnum spicant</i>	*	*	*		*	
	<i>Dryopteris arguta</i>	*					
	<i>Dryopteris expansa/austriaca</i> )	*				*	
	<i>Pityrogramma/Pentagramma triangularis</i>	*					
	<i>Polypodium glycyrrhiza/vulgare</i> )	*				*	
	<i>Polystichum munitum</i>	*	*	*		*	
<i>Polypodiaceae</i> (Common Fern)	<i>Pteridium aquilinum</i>	*	*	*		*	
	<i>Thelypteris ?</i>		*	*			

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Portulacaceae (Purslane)	<i>Calandrinia ciliata</i>	*	*				
	<i>Claytonia (Montia) perfoliata</i> var. <i>glauca</i>	*					
	<i>Claytonia (Montia) siberica</i>	*	*	*			
	<i>Claytonia (Montia) spathulata</i>	*					
	<i>Montia fontana</i> var. <i>tenerrima</i>	*					
	<i>Montia howellii</i>	*			*		
	<i>Montia linearis</i>	*	*				
	<i>Montia parvifolia</i>	*					
Primulaceae (Primrose)	<i>Centunculus minimus</i>	*					
	<i>Dodecatheon hendersonii</i>	*					
	<i>Dodecatheon pulchellum</i>	*	*				*
	<i>Trientalis latifolia</i>	*	*	*			
Ranunculaceae (Buttercup)	<i>Anemone lyallii</i>	*					
	<i>Delphinium menziesii</i>	*	*	*			
	<i>Myosurus minimus</i>	*					
	<i>Ranunculus flammula</i>	*					
	<i>Ranunculus occidentalis</i>	*	*	*		*	*
	<i>Ranunculus orthorhyncus</i>	*					
	<i>Ranunculus uncinatus</i>	*	*	*			
Rhamnaceae (Buckthorn)	<i>Rhamnus purshiana</i>	*					
Rosaceae (Rose)	<i>Alchemilla occidentalis</i>	*					
	<i>Amalanchier alnifolia</i>	*				*	
	<i>Cotoneaster horizontalis</i>					*	
	<i>Crataegus douglasii</i>	*				*	
	<i>Crataegus monogyna</i>	*					
	<i>Fragaria vesca</i>	*					
	<i>Fragaria virginiana</i> var. <i>platypetala</i>	*					
	<i>Geum macrophyllum</i>	*	*	*			
	<i>Holodiscus discolor</i>	*	*	*		*	
	<i>Malus (Pyrus) fusca</i>	*	*	*		*	
	<i>Physocarpus capitatus</i>	*					
	<i>Potentilla anserina (pacifica)</i>		*				
	<i>Potentilla gracilis</i>	*					
	<i>Prunus cerasus</i>	*					
	<i>Prunus domestica</i>	*					
	<i>Prunus emarginata</i>	*	*	*		*	*
	<i>Prunus virginiana</i>	*					
	<i>Pyrus communis</i>	*				*	
	<i>Pyrus malus</i>	*				*	
	<i>Rosa gymnocarpa</i>	*	*	*		*	
	<i>Rosa nutkana</i>	*	*	*		*	
	<i>Rubus discolor</i>	*					
	<i>Rubus laciniatus</i>	*	*	*		*	
	<i>Rubus leucodermis</i>	*					
	<i>Rubus parviflorus</i>	*					
	<i>Rubus spectabilis</i>	*	*	*		*	
	<i>Rubus ursinus</i>	*	*	*		*	

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<i>Rubiaceae</i> (Madder)	<i>Galium aparine</i>	*				*	
	<i>Galium boreale</i>		*	*		*	
	<i>Sherardia arvensis</i>	*				*	
<i>Salicaceae</i> (Willow)	<i>Populus balsamifera</i> spp. <i>trichocarpa</i>	*					
	<i>Populus tremuloides</i>	*	*	*		*	
	<i>Salix hookeriana</i>	*					
	<i>Salix lucida</i> ssp. <i>lasiandra</i>	*	*	*		*	
	<i>Salix scouleriana</i>	*	*	*		*	
<i>Saxifragaceae</i> (Saxifrage)	<i>Heuchera micrantha</i>	*	*	*			
	<i>Lithophragma parviflora</i>	*					
	<i>Saxifraga integrifolia</i>	*					
	<i>Tellima grandiflora</i>	*					
	<i>Tiarella trifoliata</i>	*					
<i>Scrophulariaceae</i> (Figwort)	<i>Castilleja hispida</i>	*					
	<i>Castilleja miniata</i>		*	*			
	<i>Collinsia parviflora</i>	*					*
	<i>Digitalis purpurea</i>	*	*	*		*	
	<i>Euphrasia nemorosa</i> ( <i>officinalis</i> )	*					
	<i>Mimulus alsinoides</i>	*					
	<i>Mimulus guttatus</i>	*	*	*			*
	<i>Orthocarpus attenuatus</i>	*					
	<i>Orthocarpus pusillus</i>	*					
	<i>Veronica arvensis</i>	*					
	<i>Veronica peregrina</i> var. <i>peregrina</i>	*					
	<i>Veronica serpyllifolia</i>	*					
<i>Selaginellaceae</i> (Selaginella)	<i>Selaginella wallacei</i>	*				*	
<i>Taxaceae</i> (Yew)	<i>Taxus brevifolia</i>	*	*	*			
<i>Urticaceae</i> (Nettle)	<i>Urtica dioica</i>	*					
<i>Valerianaceae</i> (Valerian)	<i>Plectritis brachystemon</i>	*					
	<i>Plectritis congesta</i>	*	*	*			
<i>Violaceae</i> (Violet)	<i>Viola adunca</i>	*				*	*
	<i>Viola howelli</i>	*				*	*?
	<i>Viola palustris</i>					*	

### Rare Flora of Helliwell Provincial Park

<b>RARITY</b>	<b>FAMILY</b>	<b>LATIN NAME</b>	<b>COMMON NAME</b>
Red	<i>Portulacaceae</i> (Purslane Family)	<i>Montia howellii</i>	Howell's Montia
Red	<i>Carophyllaceae</i> (Pink Family)	<i>Sagina decumbens</i> ssp <i>occidentalis</i>	Creeping/Western Pearlwort
Red	<i>Umbelliferae/Apiaceae</i> (Carrot/Parsley Family)	<i>Sanicula bipinnatifida</i>	Purple Sanicle
Red	<i>Leguminosae/Fabaceae</i> (Pea Family)	<i>Trifolium depauperatum</i>	Poverty Clover
Red	<i>Juncaginaceae</i> (Arrow-grass Family)	<i>Triglochin concinnum</i> var. <i>concinnum</i>	Graceful Arrow-grass
Blue	<i>Cruciferae</i> (Mustard Family)	<i>Arabis hirsuta</i>	Hairy Rockcress
Blue	<i>Primulaceae</i> (Primrose Family)	<i>Centunculus minimus</i>	Dwarf Chaffweed
Blue	<i>Polypodiaceae</i> (Common Fern Family)	<i>Dryopteris arguta</i>	Coastal Shield Fern
Blue	<i>Campanulaceae</i> (Harebell Family)	<i>Heterocodon rariflorum</i>	Heterocodon
Blue	<i>Isoetaceae</i> (Quillwort Family)	<i>Isoetes nuttallii</i>	Nuttall's Quillwort
Blue	<i>Juncaceae</i> (Rush Family)	<i>Juncus arcticus</i>	Arctic Rush
Blue	<i>Ranunculaceae</i> (Buttercup Family)	<i>Myosurus minimus</i>	Least Mousetail
Blue	<i>Hydrophyllaceae</i> (Waterleaf Family)	<i>Nemophila pedunculata</i>	Meadow Nemophila
Blue	<i>Violaceae</i> (Violet Family)	<i>Viola howellii</i>	Howell's Violet



**Potential Terrestrial Fauna Recorded for Helliwell Provincial Park, Confirmed as Indicated**

	Genus & Species			Confirmed
Family	Latin Name	Common Name	Rarity	
<b>MAMMALS</b>				
<b>MARSUPIALS</b>				
Didelphidae-New World Opossums	<i>Didelphis virginiana</i>	North American Opossum	introduced	*
<b>INSECTIVORES</b>				
Soricidae - Shrews	<i>Sorex monticolus</i>	Dusky Shrew		
<b>BATS</b>				
Vespertilionidae-Vespertilionid Bats	<i>Eptesicus fuscus</i>	Big Brown Bat		
	<i>Lasiurus cinereus</i>	Hoary Bat		
	<i>Lasionycteris noctivagans</i>	Silver-haired Bat		
	<i>Myotis californicus</i>	California Myotis		
	<i>Myotis evotis</i>	Western Long-eared Myotis		
	<i>Myotis keenii</i>	Keen's Long-eared Myotis		
	<i>Myotis lucifugus</i>	Little Brown Bat		
	<i>Myotis volans</i>	Long-legged Myotis		
	<i>Myotis yumanensis</i>	Yuma Myotis		
	<i>Plecotus townsendii</i>	Townsend's Big-eared Bat	BLUE-listed	
<b>RODENTS</b>				
Arvicolidae - Voles & Lemmings	<i>Clethrionomys gapperi</i>	Southern Red-backed Vole		
	<i>Microtus townsendii</i>	Townsend's Vole		
Castoridae - Beavers	<i>Castor canadensis</i>	Beaver		*
Cricetidae - Cricetids	<i>Peromyscus maniculatus</i>	Deer Mouse		
Muridae - Murids	<i>Rattus norvegicus</i>	Norway Rat	introduced	*
	<i>Rattus rattus</i>	Black Rat	introduced	
<b>CARNIVORES</b>				
Mustelidae - Mustelids	<i>Mustela vison</i>	Mink		*
	<i>Lutra canadensis</i>	River otter		*
Otariidae - Eared seals	<i>Eumetopias jubatus</i>	Northern Sea Lion/Steller Sea Lion	RED-listed	*
	<i>Zalophus californianus</i>	California Sea Lion		*
Phocidae - Hair seals	<i>Phoca vitulina</i>	Harbour seal		*
<b>WHALES</b>				
Balaenopteridae - Rorquals	<i>Megaptera novaeangliae</i>	Humpback whale	BLUE-listed	
Delphinidae - Delphinids	<i>Lagenorhynchus obliquidens</i>	Pacific white-sided dolphin		
	<i>Orcinus orca</i>	Killer whale	BLUE-listed	*
Phocoenidae - Porpoises	<i>Phocoena phocoena</i>	Harbour porpoise	BLUE-listed	
	<i>Phocoenoides dalli</i>	Dall's porpoise		
<b>EVEN-TOED UNGULATES</b>				
Cervidae - Cervids	<i>Odocoileus hemionus columbianus</i>	Black-tailed deer		*
<b>BIRDS</b>				
Gaviidae - Loons	<i>Gavia adamsii</i>	Yellow-billed Loon		
	<i>Gavia immer</i>	Common Loon		*
	<i>Gavia pacifica</i>	Pacific Loon		*
	<i>Gavia stellata</i>	Red-throated Loon		

**Potential Terrestrial Fauna Recorded for Helliwell Provincial Park, Confirmed as Indicated**

Family	Genus & Species		Rarity	Confirmed
	Latin Name	Common Name		
Podicipedidae - Grebes	<i>Aechmophorus occidentalis</i>	Western Grebe	RED-listed	*
	<i>Podiceps auritus</i>	Horned Grebe		*
	<i>Podiceps grisegena</i>	Red-necked Grebe		*
	<i>Podiceps nigricollis</i>	Eared Grebe		
	<i>Podilymbus podiceps</i>	Pied-billed Grebe		*
Phalacrocoracidae - Cormorants	<i>Phalacrocorax auritus</i>	Doubled-crested Cormorant	BLUE-listed	*
	<i>Phalacrocorax pelagicus</i>	Pelagic Cormorant	Yellow-listed G5-S4B,SZN	*
	<i>Phalacrocorax penicillatus</i>	Brandt's Cormorant	RED-listed	*
Ardeidae - Herons & Bitterns	<i>Ardea herodias</i>	Great Blue Heron	BLUE-listed	*
Anatidae - Swans, Geese & Ducks	<i>Anas americana</i>	American Widgeon		*
	<i>Anas penelope</i>	Eurasian Widgeon		
	<i>Anas platyrhynchos</i>	Mallard		*
	<i>Aythya sp. (affinis or marila)</i>	Scaup sp. (Greater or Lesser)		*
	<i>Branta bernicla</i>	Brant		*
	<i>Branta canadensis</i>	Canada Goose		*
	<i>Bucephala albeola</i>	Bufflehead		*
	<i>Bucephala clangula</i>	Common Goldeneye		*
	<i>Bucephala islandica</i>	Barrow's Goldeneye		*
	<i>Clangula hyemalis</i>	Oldsquaw	BLUE-listed	*
	<i>Histrionicus histrionicus</i>	Harlequin Duck	S3	*
	<i>Lophodytes cucullatus</i>	Hooded Merganser		*
	<i>Melanitta fusca</i>	White-winged Scoter		*
	<i>Melanitta nigra</i>	Black Scoter		*
	<i>Melanitta perspicillata</i>	Surf Scoter	BLUE-listed	*
	<i>Mergus merganser</i>	Common Merganser		*
<i>Mergus serrator</i>	Red-breasted Merganser		*	
<i>Oxyura jamaicensis</i>	Ruddy Duck		*	
Cathartidae - New World Vultures	<i>Cathartes aura</i>	Turkey Vulture		*
Accipitridae - Kites, Eagles, Harriers	<i>Accipiter cooperii</i>	Cooper's Hawk		
	<i>Accipiter gentilis</i>	Northern Goshawk	RED-listed	
	<i>Accipiter striatus</i>	Sharp-shinned Hawk		
	<i>Buteo jamaicensis</i>	Red-tailed Hawk		*
	<i>Circus Cyaneus</i>	Northern Harrier		
	<i>Haliaeetus leucocephalus</i>	Bald Eagle		*
	<i>Pandion haliaetus</i>	Osprey		*
Falconidae - Falcons	<i>Falco columbarius</i>	Merlin		*
	<i>Flaco peregrinus</i>	Peregrine Falcon	BLUE-listed	
	<i>Falco sparverius</i>	American Kestrel		*
Phasianidae - Pheasants, Grouse, Turkeys	<i>Bonasa umbellus</i>	Ruffed Grouse		*
	<i>Callipepla californica</i>	California Quail		
	<i>Dendragapus obscurus</i>	Blue Grouse		
	<i>Phasianus colchicus</i>	Ring-necked Pheasant	introduced	
Rallidae - Rails	<i>Rallus limicola</i>	Virginia Rail		*

**Potential Terrestrial Fauna Recorded for Helliwell Provincial Park, Confirmed as Indicated**

Family	Genus & Species		Rarity	Confirmed
	Latin Name	Common Name		
Gruidae - Cranes	<i>Grus canadensis</i>	Sandhill Crane	BLUE-listed	
Charadriidae - Plovers	<i>Charadrius vociferus</i>	Killdeer		*
	<i>Pluvialis squatarola</i>	Black-bellied Plover		*
Haematopodidae - Oystercatcher	<i>Haematopus bachmani</i>	Black Oystercatcher		*
Scolopacidae - Sandpipers, Turnstones	<i>Actitis macularia</i>	Spotted Sandpiper		*
	<i>Aphriza virgata</i>	Surfbird		*
	<i>Arenaria interpres</i>	Ruddy Turnstone		
	<i>Arenaria melanocephala</i>	Black Turnstone		*
	<i>Calidris alba</i>	Sanderling		*
	<i>Calidris alpina</i>	Dunlin		*
	<i>Calidris mauri</i>	Western Sandpiper		*
	<i>Calidris minutilla</i>	Least Sandpiper		*
	<i>Gallinago gallinago</i>	Common Snipe		
	<i>Heteroscelus incanus</i>	Wandering Tattler	BLUE-listed	*
	<i>Tringa falvipes</i>	Lesser Yellowlegs		
	<i>Tringa melanoleuca</i>	Greater Yellowlegs		*
Laridae - Gulls, Terns	<i>Larus argentatus</i>	Herring Gull		*
	<i>Larus californicus</i>	California Gull	BLUE-listed	*
	<i>Larus canus</i>	Mew Gull		*
	<i>Larus delawarensis</i>	Ring-billed Gull		
	<i>Larus glaucescens</i>	Glaucous-winged Gull		*
	<i>Larus hyperboreus</i>	Glaucous Gull		*
	<i>Larus philadelphia</i>	Bonaparte's Gull		*
	<i>Larus thayeri</i>	Thayer's Gull		*
	<i>Stercorarius parasiticus</i>	Parasitic Jaeger		*
	<i>Sterna caspia</i>	Caspian Tern	BLUE-listed	
	<i>Sterna hirundo</i>	Common Tern		*
Alcidae - Auks & Murres	<i>Brachyramphus marmoratus</i>	Marbled Murrelet	RED-listed	*
	<i>Cephus columba</i>	Pigeon Guillemot		*
	<i>Cerorhinca monocerata</i>	Rhinoceros Auklet		
	<i>Uria aalge</i>	Common Murre	RED-listed	*
Columbidae - Pigeons, Doves	<i>Columba livia</i>	Rock Dove	introduced	
	<i>Columba fasciata</i>	Band-tailed Pigeon		*
	<i>Zenaidura macroura</i>	Mourning Dove		
Strigidae - Typical Owls	<i>Aegolius acadicus</i>	Northern Saw-whet Owl		*
	<i>Asio flameus</i>	Short-eared Owl	BLUE-listed	
	<i>Bubo virginianus</i>	Great Horned Owl		
	<i>Nyctea scandiaca</i>	Snowy Owl	S3	
	<i>Otus kennicottii</i>	Western Screech-Owl	RED-listed subspecies	*
	<i>Strix varia</i>	Barred Owl		*
Cprimulgidae - Goatsuckers	<i>Chordeiles minor</i>	Common Nighthawk		*
Apodidae - Swifts	<i>Chaetura vauxi</i>	Vaux's Swift		
	<i>Cypseloides niger</i>	Black Swift		*
Trochilidae - Hummingbirds	<i>Calypte anna</i>	Anna's Hummingbird		
	<i>Selasphorus rufus</i>	Rufous Hummingbird		*
Alcedinidae - Kingfishers	<i>Ceryle alcyon</i>	Belted Kingfisher		*

**Potential Terrestrial Fauna Recorded for Helliwell Provincial Park, Confirmed as Indicated**

Family	Genus & Species		Rarity	Confirmed
	Latin Name	Common Name		
Picidae - Woodpeckers	<i>Colaptes auratus</i>	Northern Flicker		*
	<i>Dryocopus pileatus</i>	Pileated Woodpecker		*
	<i>Picoides pubescens</i>	Downy Woodpecker		*
	<i>Picoides villosus</i>	Hairy Woodpecker		*
	<i>Sphyrapicus ruber</i>	Red-breasted Sapsucker		
Tyrannidae - New World Flycatchers	<i>Contopus borealis</i>	Olive-sided Flycatcher		*
	<i>Contopus sordidulus</i>	Western Wood-Pewee		*
	<i>Empidonax traillii</i>	Willow Flycatcher		
	<i>Empidonax hammondi</i>	Hammond's Flycatcher		
	<i>Empidonax difficilis</i>	Pacific-slope Flycatcher		*
	<i>Tyrannus verticalis</i>	Western Kingbird		*
Hirundinidae - Swallows	<i>Hirundo rustica</i>	Barn Swallow		*
	<i>Hirundo pyrrhonota</i>	Cliff Swallow		*
	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow		
	<i>Tachycineta bicolor</i>	Tree Swallow		*
	<i>Tachycineta thalassina</i>	Violet-green Swallow		*
Corvidae - Crows, Jays	<i>Cyanocitta stelleri</i>	Steller's Jay		
	<i>Corvus caurinus</i>	Northwestern Crow		*
	<i>Corvus corax</i>	Common Raven		*
Paridae - Chickadees, Bushtits	<i>Parus rufescens</i>	Chestnut-backed Chickadee		*
	<i>Psaltriparus minimus</i>	Bushtit		
Sittidae - Nuthatches	<i>Sitta canadensis</i>	Red-breasted Nuthatch		*
Certhiidae - Creepers	<i>Certhia americana</i>	Brown Creeper		*
Troglodytidae	<i>Thryomanes bewickii</i>	Bewick's Wren		*
	<i>Troglodytes aedon</i>	House Wren		*
	<i>Troglodytes troglodytes</i>	Winter Wren		*
Muscicapidae - Kinglets, Thrushes	<i>Catharus guttatus</i>	Hermit Thrush		
	<i>Catharus ustulatus</i>	Swainson's Thrush		*
	<i>Ixoreus naevius</i>	Varied Thrush		*
	<i>Myadestes townsendi</i>	Townsend's Solitaire		
	<i>Regulus calendula</i>	Ruby-crowned Kinglet		*
	<i>Regulus satrapa</i>	Golden-crowned Kinglet		*
	<i>Turdus migratorius</i>	American Robin		*
Motacillidae - Pipits	<i>Anthus rubescens</i>	American Pipit		*
Bombycillidae - Waxwings	<i>Bombycilla cedrorum</i>	Cedar Waxwing		
Sturnidae - Starlings	<i>Sturnus vulgaris</i>	European Starling	introduced	*
Vireonidae - Vireos	<i>Vireo gilvus</i>	Warbling Vireo		
	<i>Vireo huttoni</i>	Hutton's Vireo	BLUE-listed	*
	<i>Vireo olivaceus</i>	Red-eyed Vireo		
	<i>Vireo solitarius</i>	Solitary Vireo		*
Parulinae - Wood Warblers	<i>Dendroica coronata</i>	Yellow-rumped Warbler		*
	<i>Dendroica nigrescens</i>	Black-throated Gray Warbler		
	<i>Dendroica petechia</i>	Yellow Warbler		*
	<i>Dendroica townsendi</i>	Townsend's Warbler		*
Parulinae - Wood Warblers	<i>Mniotilta varia</i>	Black-and-white Warbler		

**Potential Terrestrial Fauna Recorded for Helliwell Provincial Park, Confirmed as Indicated**

		Genus & Species		Confirmed
Family	Latin Name	Common Name	Rarity	
	<i>Oporonis tolmiei</i>	MacGillivray's Warbler		*
	<i>Vermivora celata</i>	Orange-crowned Warbler		*
	<i>Wilsonia pusilla</i>	Wilson's Warbler		*
Thraupinae - Tanagers	<i>Piranga ludoviciana</i>	Western Tanager		*
Emberizinae - Towhees, Sparrows	<i>Junco hyemalis</i>	Dark-eyed Junco		*
	<i>Melospiza lincolni</i>	Lincoln's Sparrow		
	<i>Melospiza melodia</i>	Song Sparrow		*
	<i>Passerculus sandwichensis</i>	Savannah Sparrow		*
	<i>Passerella iliaca</i>	Fox Sparrow		*
	<i>Pheucticus melanocephalus</i>	Black-headed Grosbeak		
	<i>Pipilo erythrophthalmus</i>	Spotted Towhee		*
	<i>Spizella passerina</i>	Chipping Sparrow		*
	<i>Zonotricha albicollis</i>	White-throated Sparrow		
	<i>Zonotrichia atricapilla</i>	Golden-crowned Sparrow		
Icterinae - Blackbirds, Cowbirds	<i>Zonotrichia leucophrys</i>	White-crowned Sparrow		*
	<i>Agelaius phoeniceus</i>	Red-winged Blackbird		
	<i>Euphagus cyanecephalus</i>	Brewer's Blackbird		
	<i>Molothrus ater</i>	Brown-headed Cowbird		*
Carduelinae - Finches	<i>Xanthocephalus xanthocephalus</i>	Yellow-headed Blackbird		
	<i>Carduelis pinus</i>	Pine Siskin		*
	<i>Carduelis tristis</i>	American Goldfinch		*
	<i>Carpodacus mexicanus</i>	House Finch		*
	<i>Carpodacus purpureus</i>	Purple Finch		*
	<i>Coccothraustes vespertinus</i>	Evening Grosbeak		*
	<i>Loxia curvirostra</i>	Red Crossbill		*
	<i>Loxia leucoptera</i>	White-winged Crossbill		
<b>AMPHIBIANS &amp; REPTILES</b>				
Salamandridae - Newts	<i>Taricha granulosa</i>	Rough-skinned Newt		
Plethodontidae - Lungless salamanders	<i>Ensatina eschscholtzii</i>	Ensatina		
	<i>Aneides ferreus</i>	Clouded Salamander		
Hylidae - Treefrogs	<i>Pseudacris regilla</i>	Pacific Treefrog		*
Anguidae - Alligator Lizards	<i>Elgaria coerulea</i>	Northern Alligator Lizard		*
Colubridae - Harmless Snakes	<i>Thamnophis elegans</i>	Western Garter Snake		
	<i>Thamnophis ordinoides</i>	Northwestern Garter Snake		*
	<i>Thamnophis sirtalis</i>	Common Garter Snake		*
<b>INVERTEBRATES - only known rarities included</b>				
Hesperiidae - Skippers	<i>Erynnis propertius</i>	Propertius Duskywing	BLUE-listed	*
Nymphalidae - Brush-footed Butterflies	<i>Euphydryas editha taylori</i>	Taylor's (Edith's) Checkerspot	RED-listed	*

**Source of Records for Presence of Terrestrial Fauna of Helliwell Provincial Park**

FAMILY	GENUS & SPECIES		Source					
	Latin Name	Common Name	1 MW	2 CW	3 WF	4 JB+	5 Hist	6 Near
<b>MAMMALS</b>								
Didelphidae-New World Opossums	<i>Didelphis virginiana</i>	North American Opossum	.			*		*
Soricidae - Shrews	<i>Sorex monticolus</i>	Dusky Shrew						
Vespertilionidae-Vespertilionid Bats	<i>Eptesicus fuscus</i>	Big Brown Bat						
	<i>Lasiurus cinereus</i>	Hoary Bat						
	<i>Lasionycteris noctivagans</i>	Silver-haired Bat						
	<i>Myotis californicus</i>	California Myotis						
	<i>Myotis evotis</i>	Western Long-eared Myotis	.					
	<i>Myotis keenii</i>	Keen's Long-eared Myotis	.					
	<i>Myotis lucifugus</i>	Little Brown Bat						
	<i>Myotis volans</i>	Long-legged Myotis	.					
	<i>Myotis yumanensis</i>	Yuma Myotis						
	<i>Plecotus townsendii</i>	Townsend's Big-eared Bat	.					
Arvicolidae - Voles & Lemmings	<i>Clethrionomys gapperi</i>	Southern Red-backed Vole	.					
	<i>Microtus townsendii</i>	Townsend's Vole						
Castoridae - Beavers	<i>Castor canadensis</i>	Beaver				*		
Cricetidae - Cricetids	<i>Peromyscus maniculatus</i>	Deer Mouse						
Muridae - Murids	<i>Rattus norvegicus</i>	Norway Rat	*					
	<i>Rattus rattus</i>	Black Rat						
Mustelidae - Mustelids	<i>Lutra canadensis</i>	River otter				*		*
	<i>Mustela vison</i>	Mink	*					*
Otariidae - Eared seals	<i>Eumetopias jubatus</i>	Northern Sea Lion/Steller Sea Lion	.			*		
	<i>Zalophus californianus</i>	California Sea Lion				*		
Phocidae - Hair seals	<i>Phoca vitulina</i>	Harbour seal				*		
Balaenopteridae - Rorquals	<i>Megaptera novaeangliae</i>	Humpback whale						
Delphinidae - Delphinids	<i>Lagenorhynchus obliquidens</i>	Pacific white-sided dolphin	.					
	<i>Orcinus orca</i>	Killer whale	*					
Phocoenidae - Porpoises	<i>Phocoena phocoena</i>	Harbour porpoise						
	<i>Phocoenoides dalli</i>	Dall's porpoise						
Cervidae - Cervids	<i>Odocoileus hemionus columbianus</i>	Black-tailed deer	*			*	*	*
<b>BIRDS</b>								
Gaviidae - Loons	<i>Gavia adamsii</i>	Yellow-billed Loon						
	<i>Gavia immer</i>	Common Loon	*	*	*			*
	<i>Gavia pacifica</i>	Pacific Loon	*	*	*	*		*
	<i>Gavia stellata</i>	Red-throated Loon						
Podicipedidae - Grebes	<i>Aechmophorus occidentalis</i>	Western Grebe		*	*	*		*
	<i>Podiceps auritus</i>	Horned Grebe		*	*	*		*
	<i>Podiceps grisegena</i>	Red-necked Grebe		*	*	*		*
	<i>Podiceps nigricollis</i>	Eared Grebe				*		
	<i>Podilymbus podiceps</i>	Pied-billed Grebe		*				
Phalacrocoracidae - Cormorants	<i>Phalacrocorax auritus</i>	Doubled-crested Cormorant	*	*	*			*
	<i>Phalacrocorax pelagicus</i>	Pelagic Cormorant	*	*	*	*		*
	<i>Phalacrocorax penicillatus</i>	Brandt's Cormorant		*	*			*

**Source of Records for Presence of Terrestrial Fauna of Helliwell Provincial Park**

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Ardeidae - Herons & Bitterns	<i>Anas americana</i>	American Widgeon					*	*
Anatidae - Swans, Geese & Ducks	<i>Anas penelope</i>	Eurasian Widgeon						
	<i>Anas platyrhynchos</i>	Mallard		*	*		*	*
	<i>Ardea herodias</i>	Great Blue Heron	*	*	*	*		*
	<i>Aythya sp. (affinis or marila)</i>	Scaup species (Greater or Lesser)	.		*			*
	<i>Branta bernicla</i>	Brant			*		*	
	<i>Branta canadensis</i>	Canada Goose			*			*
	<i>Bucephala albeola</i>	Bufflehead		*	*	*	*	*
	<i>Bucephala clangula</i>	Common Goldeneye	.	*	*	*		*
	<i>Bucephala islandica</i>	Barrow's Goldeneye	.	*				
	<i>Clangula hyemalis</i>	Oldsquaw		*	*			
	<i>Histrionicus histrionicus</i>	Harlequin Duck	*	*	*	*		*
	<i>Lophodytes cucullatus</i>	Hooded Merganser						*
	<i>Melanitta fusca</i>	White-winged Scoter	.	*	*	*		*
	<i>Melanitta nigra</i>	Black Scoter		*	*	*		*
	<i>Melanitta perspicillata</i>	Surf Scoter	*	*	*			*
	<i>Mergus merganser</i>	Common Merganser	.	*	*			*
<i>Mergus serrator</i>	Red-breasted Merganser	.	*	*	*		*	
<i>Oxyura jamaicensis</i>	Ruddy Duck		*					
Cathartidae - New World Vultures	<i>Cathartes aura</i>	Turkey Vulture	*		*			*
Accipitridae - Kites, Eagles, Harriers	<i>Accipiter cooperii</i>	Cooper's Hawk						
	<i>Accipiter gentilis</i>	Northern Goshawk						
	<i>Accipiter striatus</i>	Sharp-shinned Hawk						*
	<i>Buteo jamaicensis</i>	Red-tailed Hawk	*					*
	<i>Circus Cyaneus</i>	Northern Harrier						
	<i>Haliaeetus leucocephalus</i>	Bald Eagle	*	*	*	*		*
	<i>Pandion haliaetus</i>	Osprey	*					*
Falconidae - Falcons	<i>Falco columbarius</i>	Merlin			*			*
	<i>Flaco peregrinus</i>	Peregrine Falcon						*
	<i>Falco sparverius</i>	American Kestrel			*			*
Phasianidae - Pheasants, Grouse, Turkeys	<i>Bonasa umbellus</i>	Ruffed Grouse			*		*	
	<i>Dendragapus obscurus</i>	Blue Grouse	*					
	<i>Phasianus colchicus</i>	Ring-necked Pheasant	.					
Phasianidae (cont'd.)	<i>Callipepla californica</i>	California Quail						
Rallidae - Rails	<i>Rallus limicola</i>	Virginia Rail	*					
Gruidae - Cranes	<i>Grus canadensis</i>	Sandhill Crane						
	Charadriidae - Plovers	<i>Charadrius vociferus</i>	Killdeer	*		*		*
<i>Pluvialis squatarola</i>		Black-bellied Plover	.		*		*	
Haematopodidae - Oystercatcher	<i>Haematopus bachmani</i>	Black Oystercatcher	*	*	*	*	*	
Scolopacidae - Sandpipers, Turnstones	<i>Actitis macularia</i>	Spotted Sandpiper	*		*			
	<i>Aphriza virgata</i>	Surfbird			*			
	<i>Arenaria interpres</i>	Ruddy Turnstone						
	<i>Arenaria melanocephala</i>	Black Turnstone	*		*	*	*	

**Source of Records for Presence of Terrestrial Fauna of Helliwell Provincial Park**

FAMILY	GENUS & SPECIES		Source					
	Latin Name	Common Name	1 MW	2 CW	3 WF	4 JB+	5 Hist	6 Near
Scolopacidae - Sandpipers, Turnstones	<i>Calidris alba</i>	Sanderling						*
	<i>Calidris alpina</i>	Dunlin			*			*
	<i>Calidris mauri</i>	Western Sandpiper						*
	<i>Calidris minutilla</i>	Least Sandpiper						*
	<i>Gallinago gallinago</i>	Common Snipe						
	<i>Heteroscelus incanus</i>	Wandering Tattler						*
	<i>Tringa falpipes</i>	Lesser Yellowlegs						
	<i>Tringa melanoleuca</i>	Greater Yellowlegs	*	*				
Laridae - Gulls, Terns	<i>Larus argentatus</i>	Herring Gull		*	*			
	<i>Larus californicus</i>	California Gull						*
	<i>Larus canus</i>	Mew Gull	*	*	*	*		*
	<i>Larus delawarensis</i>	Ring-billed Gull						
	<i>Larus glaucescens</i>	Glaucous-winged Gull	*	*	*	*		*
	<i>Larus hyperboreus</i>	Glaucous Gull						*
	<i>Larus philadelphia</i>	Bonaparte's Gull	*		*			*
	<i>Larus thayeri</i>	Thayer's Gull		*				
	<i>Stercorarius parasiticus</i>	Parasitic Jaeger						*
	<i>Sterna caspia</i>	Caspian Tern						
<i>Sterna hirundo</i>	Common Tern			*			*	
Alcidae - Auks & Murres	<i>Brachyramphus marmoratus</i>	Marbled Murrelet			*	*		*
	<i>Cephus columba</i>	Pigeon Guillemot	*	*	*			*
	<i>Cerorhinca monocerata</i>	Rhinoceros Auklet						
	<i>Uria aalge</i>	Common Murre	*		*			*
Columbidae - Pigeons, Doves	<i>Columba fasciata</i>	Band-tailed Pigeon	*		*			*
	<i>Columba livia</i>	Rock Dove						
	<i>Zenaida macroura</i>	Mourning Dove						*
Strigidae - Typical Owls	<i>Aegolius acadicus</i>	Northern Saw-whet Owl	*					
	<i>Asio flameus</i>	Short-eared Owl						
	<i>Bubo virginianus</i>	Great Horned Owl						
	<i>Nyctea scandiaca</i>	Snowy Owl						
	<i>Otus kennicottii</i>	Western Screech-Owl			*			*
	<i>Strix varia</i>	Barred Owl				*		*
Caprimulgidae - Goatsuckers	<i>Chordeiles minor</i>	Common Nighthawk	*					
Apodidae - Swifts	<i>Chaetura vauxi</i>	Vaux's Swift						
	<i>Cypseloides niger</i>	Black Swift	*					
Trochilidae - Hummingbirds	<i>Calypte anna</i>	Anna's Hummingbird	.					
	<i>Selasphorus rufus</i>	Rufous Hummingbird	*		*			*
Alcedinidae - Kingfishers	<i>Ceryle alcyon</i>	Belted Kingfisher			*			*
Picidae - Woodpeckers	<i>Colaptes auratus</i>	Northern Flicker	*		*			*
	<i>Dryocopus pileatus</i>	Pileated Woodpecker	*		*	*		*
	<i>Picoides pubescens</i>	Downy Woodpecker	*		*			*
	<i>Picoides villosus</i>	Hairy Woodpecker			*			
Picidae - Woodpeckers	<i>Sphyrapicus ruber</i>	Red-breasted Sapsucker	.					*
Tyrannidae - New	<i>Tyrannus verticalis</i>	Western Kingbird			*			



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	Latin Name	Common Name	1 MW	2 CW	3 WF	4 JB+	5 Hist	6 Near
World Flycatchers	<i>Contopus borealis</i>	Olive-sided Flycatcher	.		*			
	<i>Contopus sordidulus</i>	Western Wood-Pewee	*					
	<i>Empidonax difficilis</i>	Pacific-slope Flycatcher	*		*			
	<i>Empidonax hammondi</i>	Hammond's Flycatcher	.					
	<i>Empidonax traillii</i>	Willow Flycatcher						
	<i>Tyrannus verticalis</i>	Western Kingbird						
Hirundinidae - Swallows	<i>Hirundo rustica</i>	Barn Swallow	*		*			*
	<i>Hirundo pyrrhonota</i>	Cliff Swallow			*			
	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow	.					
	<i>Tachycineta bicolor</i>	Tree Swallow			*			
	<i>Tachycineta thalassina</i>	Violet-green Swallow	*		*			*
Corvidae - Crows, Jays	<i>Corvus caurinus</i>	Northwestern Crow	*		*	*		*
	<i>Corvus corax</i>	Common Raven	*		*	*		*
	<i>Cyanocitta stelleri</i>	Steller's Jay						
Paridae - Chickadees, Bushtits	<i>Parus rufescens</i>	Chestnut-backed Chickadee	*		*	*		*
	<i>Psaltriparus minimus</i>	Bushtit						
Sittidae - Nuthatches	<i>Sitta canadensis</i>	Red-breasted Nuthatch	*		*			*
Certhiidae - Creepers	<i>Certhia americana</i>	Brown Creeper	*		*			*
	Troglodytidae	<i>Thryomanes bewickii</i>	Bewick's Wren	*		*		*
		<i>Troglodytes aedon</i>	House Wren	*				
<i>Troglodytes troglodytes</i>	Winter Wren	*		*	*		*	
Muscicapidae - Kinglets, Thrushes	<i>Catharus guttatus</i>	Hermit Thrush						
	<i>Catharus ustulatus</i>	Swainson's Thrush	*		*			*
	<i>Ixoreus naevius</i>	Varied Thrush			*			*
	<i>Myadestes townsendi</i>	Townsend's Solitaire	.					
	<i>Regulus calendula</i>	Ruby-crowned Kinglet	*		*			*
	<i>Regulus satrapa</i>	Golden-crowned Kinglet	*		*	*		*
Muscicapidae (cont'd.)	<i>Turdus migratorius</i>	American Robin	*		*	*		*
Motacillidae - Pipits	<i>Anthus rubescens</i>	American Pipit			*			
Bombycillidae - Waxwings	<i>Bombycilla cedrorum</i>	Cedar Waxwing						
Sturnidae - Starlings	<i>Sturnus vulgaris</i>	European Starling	*		*	*		*
Vireonidae - Vireos	<i>Vireo gilvus</i>	Warbling Vireo						*
	<i>Vireo huttoni</i>	Hutton's Vireo	*					
	<i>Vireo olivaceus</i>	Red-eyed Vireo						
	<i>Vireo solitarius</i>	Solitary Vireo			*			
Parulinae - Wood Warblers	<i>Dendroica coronata</i>	Yellow-rumped Warbler	*		*			*
	<i>Dendroica nigrescens</i>	Black-throated Gray Warbler	.					*
	<i>Dendroica petechia</i>	Yellow Warbler	*		*			*
	<i>Dendroica townsendi</i>	Townsend's Warbler	.		*			*
	<i>Mniotilta varia</i>	Black-and-white Warbler	.					*
	<i>Oporonis tolmiei</i>	MacGillivray's Warbler	*		*			
	<i>Vermivora celata</i>	Orange-crowned Warbler	*		*			*
Parulinae - Wood Warblers	<i>Wilsonia pusilla</i>	Wilson's Warbler			*			

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FAMILY	GENUS & SPECIES		Source					
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Thraupinae - Tanagers	<i>Piranga ludoviciana</i>	Western Tanager	*		*			
Emberizinae - Towhees, Sparrows	<i>Junco hyemalis</i>	Dark-eyed Junco			*	*		*
	<i>Melospiza lincolni</i>	Lincoln's Sparrow						
	<i>Melospiza melodia</i>	Song Sparrow	*		*			*
	<i>Passerculus sandwichensis</i>	Savannah Sparrow			*			
	<i>Passerella iliaca</i>	Fox Sparrow	*					*
	<i>Pheucticus melanocephalus</i>	Black-headed Grosbeak						
	<i>Pipilo erythrophthalmus</i>	Spotted Towhee	*		*	*		*
	<i>Spizella passerina</i>	Chipping Sparrow	*		*			
	<i>Zonotricha albicollis</i>	White-throated Sparrow	.					
	<i>Zonotrichia atricapilla</i>	Golden-crowned Sparrow						
	<i>Zonotrichia leucophrys</i>	White-crowned Sparrow	*		*			*
Icterinae - Blackbirds, Cowbirds	<i>Agelaius phoeniceus</i>	Red-winged Blackbird	.					*
	<i>Euphagus cyanecephalus</i>	Brewer's Blackbird						
	<i>Molothrus ater</i>	Brown-headed Cowbird	*		*			
	<i>Xanthocephalus xanthocephalus</i>	Yellow-headed Blackbird	.					
Carduelinae - Finches	<i>Carduelis pinus</i>	Pine Siskin			*			*
	<i>Carduelis tristis</i>	American Goldfinch	*		*			*
	<i>Carpodacus mexicanus</i>	House Finch			*			
	<i>Carpodacus purpureus</i>	Purple Finch	*		*			*
	<i>Loxia curvirostra</i>	Red Crossbill	*		*	*		*
	<i>Loxia leucoptera</i>	White-winged Crossbill	.					
<i>Coccothraustes vespertinus</i>	Evening Grosbeak			*				
<b>AMPHIBIANS &amp; REPTILES</b>								
Salamandridae - Newts	<i>Taricha granulosa</i>	Rough-skinned Newt	.					
Plethodontidae - Lungless salamanders	<i>Aneides ferreus</i>	Clouded Salamander	.					*
	<i>Ensatina eschscholtzii</i>	Ensatina						
Hylidae - Treefrogs	<i>Pseudacris regilla</i>	Pacific Treefrog				*		*
Anguidae - Alligator Lizards	<i>Gerhronotus/Elgaria coerulea</i>	Northern Alligator Lizard	*					*
Colubridae - Harmless Snakes	<i>Thamnophis elegans</i>	Western Garter Snake	.					
	<i>Thamnophis ordinoides</i>	Northwestern Garter Snake	*					*
	<i>Thamnophis sirtalis</i>	Common Garter Snake	*					*
<b>INVERTEBRATES - only known rarities included</b>								
Hesperiidae - Skippers	<i>Erynnis propertius</i>	Propertius Duskywing	.			*		
Nymphalidae - Brush-footed Butterflies	<i>Euphydryas editha taylori</i>	Taylor's (Edith's) Checkerspot	.			*		
Sources:								
MW	Mike Wolfe							
CW	Coastal Waterbird survey							
WF	Walter Fitzpatrick							
JB+	Jennifer Balke & contacts for this report							
Hist	historical references							

### Source of Records for Presence of Terrestrial Fauna of Helliwell Provincial Park

FAMILY	GENUS & SPECIES		Source					
			1 MW	2 CW	3 WF	4 JB+	5 Hist	6 Near
	Latin Name	Common Name						
Near	notes from nearby sites							

## Rare Fauna of Helliwell Provincial Park

GENUS & SPECIES		RARITY	Confirmed
Common Name	Latin Name		
Brandt's Cormorant	<i>Phalacrocorax penicillatus</i>	RED-listed	*
Common Murre	<i>Uria aalge</i>	RED-listed	*
Keen's Long-eared Myotis	<i>Myotis keenii</i>	RED-listed	
Marbled Murrelet	<i>Brachyramphus marmoratus</i>	RED-listed	*
Northern Goshawk	<i>Accipiter gentilis</i>	RED-listed	
Northern Sea Lion/Steller Sea Lion	<i>Eumetopias jubatus</i>	RED-listed	*
Taylor's (Edith's) Checkerspot	<i>Euphydryas editha taylori</i>	RED-listed	*
Western Grebe	<i>Aechmophorus occidentalis</i>	RED-listed	*
Western Screech-Owl	<i>Otus kennicottii</i>	RED-listed (subspecies)	.
California Gull	<i>Larus californicus</i>	BLUE-listed	*
Caspian Tern	<i>Sterna caspia</i>	BLUE-listed	
Doubled-crested Cormorant	<i>Phalacrocorax auritus</i>	BLUE-listed	*
Great Blue Heron	<i>Ardea herodias</i>	BLUE-listed	*
Harbour porpoise	<i>Phocoena phocoena</i>	BLUE-listed	
Humpback whale	<i>Megaptera novaeangliae</i>	BLUE-listed	
Hutton's Vireo	<i>Vireo huttoni</i>	BLUE-listed	*
Killer whale	<i>Orcinus orca</i>	BLUE-listed	*
Oldsquaw	<i>Clangula hyemalis</i>	BLUE-listed	*
Peregrine Falcon	<i>Flaco peregrinus</i>	BLUE-listed	
Propertius Duskywing	<i>Erynnis propertius</i>	BLUE-listed	*
Sandhill Crane	<i>Grus canadensis</i>	BLUE-listed	
Short-eared Owl	<i>Asio flameus</i>	BLUE-listed	
Surf Scoter	<i>Melanitta perspicillata</i>	BLUE-listed	*
Townsend's big-eared Bat	<i>Plecotus townsendii</i>	BLUE-listed	
Wandering Tattler	<i>Heteroscelus incanus</i>	BLUE-listed	*
Harlequin Duck	<i>Histrionicus histrionicus</i>	S3	*
Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>	S3	*