## **Appendix 13**

Aquatic and Terrestrial Vertebrate Species Occurrences for the Flathead Subbasin

Table 1. Established Aquatic Species

Tuote 1. Estubusiteu Tiquate	Species
Name	Native/Introduced
Arctic Grayling	I
Black Bullhead	I
Black Crappie	I
Bluegill	I
Brook Stickleback	I
Brook Trout	I
Brown Trout	I
Bull Trout	N
Central Mudminnow	I
Fathead Minnow	I
Golden Trout	I
Grass Carp	I
Green Sunfish	I
Kokanee	I
Lake Trout	I
Lake Whitefish	I
Largemouth Bass	I
Largescale Sucker	N
Longnose Sucker	N
Mountain Whitefish	N
Northern Pike	I
Northern Pikeminnow	N
Peamouth	N
Pumpkinseed	I
Pygmy Whitefish	N
Rainbow Trout	I
Redside Shiner	N
Slimy Sculpin	N
Smallmouth Bass	I
Walleye	I
Westslope Cutthroat Trout	: N
Yellow Perch	I
Yellowstone Cutthroat	I

Table 2 is the species list from the IBIS database and includes species from both the US and Canadian sides of the border and is based on IBIS wildlife habitat types. The list does not include accidental or exotic species. 1= present according to the IBIS datasets.

Table 2. Terrestrial Species

Common Name	Canada	Flathead
Alder Flycatcher	1	
American Avocet	1	1
American Badger	1	1
American Beaver		
American Bittern	1	1
American Black Duck		1
American Coot	1	1
American Crow	1	1
American Dipper	1	1
American Golden-Plover	1	1
American Goldfinch	1	1
American Kestrel	1	1
American Marten	1	1
American Pika		1
American Pipit	1	1
American Redstart	1	1
American Robin	1	1
American Tree Sparrow	1	1
American White Pelican	1	1
American Wigeon	1	1
Anna's Hummingbird	1	1
Ash-throated Flycatcher		1
Baird's Sandpiper	1	1
Bald Eagle	1	1
Band-tailed Pigeon	1	1
Bank Swallow	1	1
Barn Owl	1	1
Barn Swallow	1	1
Barred Owl	1	1
Barrow's Goldeneye	1	1
Beaver	1	
Belted Kingfisher	1	1
Big Brown Bat	1	1
Bighorn Sheep	1	1
Black Bear	1	1
Black Rosy-finch		1
Black Swift	1	1
Black Tern	1	1
Black Turnstone		1
Black-backed Woodpecker	1	1

Black-bellied Plover Black-billed Magpie Black-capped Chickadee Black-chinned Hummingbird Black-crowned Night-heron Black-headed Grosbeak Black-headed Grosbeak Black-hroated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Brewer's Sparrow Broad-tailed Hummingbird Brown-headed Cowbird Brown-headed Cowbird Bulff-breasted Sandpiper Bufflehead Bulfornia Gull California Gull California Quail Calsone Cassan's Vireo Cattle Egret Cattle Egret Cedar Waxwing I 1 Calsping Sparrow I 1 Calsping Sparrow I 1 Cattle Egret Chipping Sparrow I 1 Calsping Sparrow I 1 Calsping Sparrow I 1 Calsping Sparrow I 1 Caltiping Sparrow I 1 Caltiping Sparrow I 1 Caltiping Sparrow I 1 Caltiping Sparrow I 1 Cattle Egret I 1 Cassin's Finch I 1 Cassin's Finch Cattle Egret Chipping Sparrow I 1 Chukar	Common Name	Canada	Flathead
Black-billed Magpie   1			
Black-capped Chickadee Black-chinned Hummingbird Black-crowned Night-heron Black-crowned Night-heron Black-headed Grosbeak Black-necked Stilt Black-poll Warbler Black-throated Gray Warbler Black-throated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Boreal Chickadee Boreal Owl Brewer's Blackbird Browd-tailed Hummingbird Browd-tailed Hummingbird Brown-headed Cowbird Buff-breasted Sandpiper Bufflehead Bullfrog Bullock's Oriole Burrowing Owl Bushy-tailed Woodrat California Gull Candad Goose Canvasback 1 1 Candad Goose Canvasback 1 1 Cassin's Finch Cassin's Finch Cassin's Finch Cassin's Vireo 1 1 Cassin's Vireo 1 1 Castel Egret 1 1 Chipping Sparrow 1 1 Chukar			
Black-chinned Hummingbird Black-crowned Night-heron Black-headed Grosbeak Black-necked Stilt Blackpoll Warbler Black-throated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Boreal Chickadee Brown-headed Cowbird Brown-headed Cowbird Bufforg Bufflehead Bufforg Bufflehead Bullfrog Bullock's Oriole Burrowing Owl Bushy-tailed Woodrat California Quail California Quail Calicope Hummingbird Canada Goose Canvasback Canyon Wren Cassin's Finch Cassin's Finch Cassin's Finch Cassin's Sparrow I 1 California Sparrow I 1 California Tere Castnut-backed Chickadee I 1 Calipping Sparrow I 1 Chipping Sparrow I 1 Chipp		1	1
Black-crowned Night-heron Black-headed Grosbeak Black-necked Stilt Black-poll Warbler Black-throated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Blobcat Bobolink Bohemian Waxwing Bonaparte's Gull Boreal Chickadee Boreal Owl Brewer's Sparrow Brown-headed Cowbird Brown-headed Cowbird Buffornia Gull California Gull California Gull California Gull Canada Goose Canvasback Canyon Wren Cassin's Vireo Cattle Egret Cedar Waxwing I Black-throated Gray Warbler I Black-throated Ground Squirrel California Tern Cattle Egret Chipping Sparrow I I Chestnut-backed Chickadee I I I I I I I I I I I I I I I I I I I		1	
Black-headed Grosbeak Black-necked Stilt Blackpoll Warbler Black-throated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Brewer's Blackbird Brewer's Blackbird Brown Creeper Brown-headed Cowbird Buff-breasted Sandpiper Bufflehead Bullfrog Bullock's Oriole Burrowing Owl Bullock's Oriole Burrowing Owl Bushy-tailed Woodrat California Quail California Quail Canada Goose Canvasback Canyon Wren Caribou Cassin's Finch Cassin's Finch Cassin's Vireo Cattle Egret Cedar Waxwing Slue Conservance In Interest In	_	1	1
Black-necked Stilt Blackpoll Warbler Black-throated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Boreal Chickadee Boreal Owl Brewer's Blackbird Brown-headed Cowbird Buffor Bufflehead Bufflehead Bufflehead Bufflehead Bufflog Bullock's Oriole Burrowing Owl Burrowing O	_		
Blackpoll Warbler Black-throated Gray Warbler Black-throated Sparrow Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Boreal Chickadee Boreal Owl Brewer's Blackbird Brown Creeper Brown-headed Cowbird Bullfrog Bullock's Oriole Burrowing Owl Bushy-tailed Woodrat California Gull California Quail Calnose Canvasback Canyon Wren Caribou Cascade Golden-mantled Ground Squirrel Cassin's Finch Castinut-backed Chickadee I Blue Jay Blue Aurobe All I Blue Jay		•	
Black-throated Gray Warbler   1		1	•
Black-throated Sparrow	_	1	1
Blue Grouse Blue Jay Blue-winged Teal Bobcat Bobolink Bohemian Waxwing Bonaparte's Gull Boreal Chickadee Boreal Owl Brewer's Blackbird Brown Creeper Brown-headed Cowbird Buff-breasted Sandpiper Bufflehead Bullfrog Bullock's Oriole Burrowing Owl Bushy-tailed Woodrat California Gull California Quail Calliope Hummingbird Canada Goose Canvasback Canyon Wren Caribou Cascade Golden-mantled Ground Squirrel Cassin's Vireo Cattle Egret Cedar Waxwing Chestnut-backed Chickadee Chipping Sparrow 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_		
Blue Jay         1           Blue-winged Teal         1           Bobcat         1           Bobolink         1           Bohemian Waxwing         1           Bonaparte's Gull         1           Boreal Chickadee         1           Boreal Owl         1           Brewer's Blackbird         1           Brewer's Sparrow         1           Broad-tailed Hummingbird         1           Brown Creeper         1           Brown-headed Cowbird         1           Buff-breasted Sandpiper         1           Bufflehead         1           Bullfrog         1           Bullrog         1           Bullock's Oriole         1           Burrowing Owl         1           Burrowing Gull         1           California Gull         1           California Myotis         1           California Quail           California Quail           California Quail           Canvasback         1           Canyon Wren         1           Caribou         1           Cascade Golden-mantled Ground Squirrel         1           Caspian Tern         1<		1	
Blue-winged Teal         1         1           Bobcat         1         1           Bobolink         1         1           Bohemian Waxwing         1         1           Bonaparte's Gull         1         1           Boreal Chickadee         1         1           Boreal Owl         1         1           Brewer's Blackbird         1         1           Brewer's Sparrow         1         1           Brown-deaded Hummingbird         1         1           Brown Creeper         1         1           Brown-headed Cowbird         1         1           Buff-breasted Sandpiper         1         1           Bufflehead         1         1           Bullfrog         1         1           Bullfrog         1         1           Bullfrog         1         1           Bullock's Oriole         1         1           Burrowing Owl         1         1           Burrowing Owl         1         1           Bushy-tailed Woodrat         1         1           California Quall         1         1           California Quail         1         1			1
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Bohemian Waxwing		_	
Bonaparte's Gull			
Boreal Chickadee         1         1           Boreal Owl         1         1           Brewer's Blackbird         1         1           Brewer's Sparrow         1         1           Browd-tailed Hummingbird         1         1           Brown Creeper         1         1           Brown-headed Cowbird         1         1           Buff-breasted Sandpiper         1         1           Bufflehead         1         1           Bullfrog         1         1           Bullfrog         1         1           Bullforg         1	_	_	-
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Brewer's Blackbird         1         1           Brewer's Sparrow         1         1           Broad-tailed Hummingbird         1         1           Brown Creeper         1         1           Brown-headed Cowbird         1         1           Buff-breasted Sandpiper         1         1           Bufflehead         1         1           Bullfrog         1         1           Bullock's Oriole         1         1           Burrowing Owl         1         1           Burrowing Owl         1         1           Bushy-tailed Woodrat         1         1           California Gull         1         1           California Myotis         1         1           California Quail         1         1           California Quail         1         1           California Quail         1         1           Candada Goose         1         1           Canyasback         1         1           Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Cassin's Finch		_	_
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Bullock's Oriole         1         1           Burrowing Owl         1         1           Bushy-tailed Woodrat         1         1           California Gull         1         1           California Myotis         1         1           California Quail         1         1           Calliope Hummingbird         1         1           Canada Goose         1         1           Canvasback         1         1           Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Caspian Tern         1         1         1           Cassin's Finch         1         1         1           Cassin's Vireo         1         1         1           Cattle Egret         1         1         1           Cedar Waxwing         1         1         1           Chipping Sparrow         1         1         1           Chukar         1         1         1		1	_
Burrowing Owl         1         1           Bushy-tailed Woodrat         1         1           California Gull         1         1           California Myotis         1         1           California Quail         1         1           Calliope Hummingbird         1         1           Canada Goose         1         1           Canvasback         1         1           Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Caspian Tern         1         1         1           Cassin's Finch         1         1         1           Cassin's Vireo         1         1         1           Cattle Egret         1         1         1           Cedar Waxwing         1         1         1           Chestnut-backed Chickadee         1         1         1           Chipping Sparrow         1         1         1           Chukar         1         1         1	_		1
Bushy-tailed Woodrat       1       1         California Gull       1       1         California Myotis       1       1         California Quail       1       1         Calliope Hummingbird       1       1         Canada Goose       1       1         Canvasback       1       1         Canyon Wren       1       1         Caribou       1       1         Cascade Golden-mantled Ground Squirrel       1       1         Caspian Tern       1       1       1         Cassin's Finch       1       1       1         Cassin's Vireo       1       1       1         Cattle Egret       1       1       1         Cedar Waxwing       1       1       1         Chestnut-backed Chickadee       1       1       1         Chipping Sparrow       1       1       1         Chukar       1       1       1			
California Gull         1         1           California Myotis         1         1           California Quail         1         1           Calliope Hummingbird         1         1           Canada Goose         1         1           Canvasback         1         1           Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Caspian Tern         1         1           Cassin's Finch         1         1           Cassin's Vireo         1         1           Cattle Egret         1         1           Cedar Waxwing         1         1           Chestnut-backed Chickadee         1         1           Chipping Sparrow         1         1           Chukar         1         1	_		
California Myotis       1       1         California Quail       1       1         Calliope Hummingbird       1       1         Canada Goose       1       1         Canvasback       1       1         Canyon Wren       1       1         Caribou       1       1         Cascade Golden-mantled Ground Squirrel       1       1         Caspian Tern       1       1       1         Cassin's Finch       1       1       1         Cassin's Vireo       1       1       1         Cattle Egret       1       1       1         Cedar Waxwing       1       1       1         Chestnut-backed Chickadee       1       1       1         Chipping Sparrow       1       1       1         Chukar       1       1       1		1	1
California Quail         1         1           Calliope Hummingbird         1         1           Canada Goose         1         1           Canvasback         1         1           Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Caspian Tern         1         1         1           Cassin's Finch         1         1         1           Cassin's Vireo         1         1         1           Cattle Egret         1         1         1           Cedar Waxwing         1         1         1           Chestnut-backed Chickadee         1         1         1           Chipping Sparrow         1         1         1           Chukar         1         1         1		1	1
Calliope Hummingbird       1       1         Canada Goose       1       1         Canvasback       1       1         Canyon Wren       1       1         Caribou       1       1         Cascade Golden-mantled Ground Squirrel       1       1         Caspian Tern       1       1       1         Cassin's Finch       1       1       1         Cassin's Vireo       1       1       1         Cattle Egret       1       1       1         Cedar Waxwing       1       1       1         Chestnut-backed Chickadee       1       1       1         Chipping Sparrow       1       1       1         Chukar       1       1       1	-	1	1
Canada Goose       1       1         Canvasback       1       1         Canyon Wren       1       1         Caribou       1       1         Cascade Golden-mantled Ground Squirrel       1       1         Caspian Tern       1       1       1         Cassin's Finch       1       1       1         Cassin's Vireo       1       1       1         Cattle Egret       1       1       1         Cedar Waxwing       1       1       1         Chestnut-backed Chickadee       1       1       1         Chipping Sparrow       1       1       1         Chukar       1       1       1			
Canvasback         1         1           Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Caspian Tern         1         1         1           Cassin's Finch         1         1         1           Cassin's Vireo         1         1         1           Cattle Egret         1         1         1           Cedar Waxwing         1         1         1           Chestnut-backed Chickadee         1         1         1           Chipping Sparrow         1         1         1           Chukar         1         1         1		1	1
Canyon Wren         1         1           Caribou         1         1           Cascade Golden-mantled Ground Squirrel         1         1           Caspian Tern         1         1         1           Cassin's Finch         1         1         1           Cassin's Vireo         1         1         1           Cattle Egret         1         1         1           Cedar Waxwing         1         1         1           Chestnut-backed Chickadee         1         1         1           Chipping Sparrow         1         1         1           Chukar         1         1         1		1	1
Caribou         1           Cascade Golden-mantled Ground Squirrel         1           Caspian Tern         1         1           Cassin's Finch         1         1           Cassin's Vireo         1         1           Cattle Egret         1         1           Cedar Waxwing         1         1           Chestnut-backed Chickadee         1         1           Chipping Sparrow         1         1           Chukar         1         1		1	1
Cascade Golden-mantled Ground Squirrel         1           Caspian Tern         1         1           Cassin's Finch         1         1           Cassin's Vireo         1         1           Cattle Egret         1         1           Cedar Waxwing         1         1           Chestnut-backed Chickadee         1         1           Chipping Sparrow         1         1           Chukar         1         1	Canyon Wren	1	1
Caspian Tern       1       1         Cassin's Finch       1       1         Cassin's Vireo       1       1         Cattle Egret       1       1         Cedar Waxwing       1       1         Chestnut-backed Chickadee       1       1         Chipping Sparrow       1       1         Chukar       1       1	Caribou	1	
Cassin's Finch       1       1         Cassin's Vireo       1       1         Cattle Egret       1       1         Cedar Waxwing       1       1         Chestnut-backed Chickadee       1       1         Chipping Sparrow       1       1         Chukar       1       1	Cascade Golden-mantled Ground Squirrel	1	
Cassin's Vireo         1         1           Cattle Egret         1         1           Cedar Waxwing         1         1           Chestnut-backed Chickadee         1         1           Chipping Sparrow         1         1           Chukar         1         1	1 -	1	1
Cattle Egret         1         1           Cedar Waxwing         1         1           Chestnut-backed Chickadee         1         1           Chipping Sparrow         1         1           Chukar         1         1	Cassin's Finch	1	1
Cedar Waxwing11Chestnut-backed Chickadee11Chipping Sparrow11Chukar11	Cassin's Vireo	1	1
Chestnut-backed Chickadee 1 1 1 Chipping Sparrow 1 1 1 Chukar 1	Cattle Egret	1	1
Chipping Sparrow 1 1 1 Chukar 1	_	1	1
Chukar 1	Chestnut-backed Chickadee	1	1
	Chipping Sparrow	1	1
Cinnamon Teal 1 1	Chukar		1
1	Cinnamon Teal	1	1

Common Name	Canada	Flathead
Clark's Grebe		1
Clark's Nutcracker	1	1
Clay-colored Sparrow	1	1
Cliff Swallow	1	1
Columbia Spotted Frog	1	1
Columbian Ground Squirrel	1	1
Common Garter Snake	1	1
Common Goldeneye	1	1
Common Loon	1	1
Common Merganser	1	1
Common Nighthawk	1	1
Common Pika	1	
Common Poorwill	1	1
Common Porcupine		1
Common Raven	1	1
Common Redpoll	1	1
Common Shrew	1	
Common Snipe	1	1
Common Tern	1	1
Common Yellowthroat	1	1
Cooper's Hawk	1	1
Cordilleran Flycatcher		1
Couer d'Alene Salamander	1	
Coyote	1	1
Creeping Vole	1	
Dark-eyed Junco	1	1
Deer Mouse	1	1
Double-crested Cormorant	1	1
Douglas' Squirrel	1	
Downy Woodpecker	1	1
Dunlin	1	1
Dusky Flycatcher	1	1
Dusky Shrew	1	
Eared Grebe	1	1
Eastern Fox Squirrel		1
Eastern Kingbird	1	1
Elk	1	1
Ermine	1	1
Eurasian Wigeon	1	
European Starling		1
Evening Grosbeak	1	1
Ferruginous Hawk	1	1
Fisher	1	1
Flammulated Owl	1	1
Forster's Tern	1	1
Fox Sparrow	1	1
Franklin's Gull	1	1
Fringed Myotis	1	1

Common Name	Canada	Flathead
Gadwall	1	1
Glaucous Gull	1	1
Glaucous-winged Gull	1	•
Golden Eagle	1	1
Golden-crowned Kinglet	1	1
Golden-crowned Sparrow	1	1
Golden-mantled Ground Squirrel	1	1
Gopher Snake	1	1
Grasshopper Sparrow	1	1
Gray Catbird	1	1
Gray Flycatcher	1	•
Gray Jay	1	1
Gray Partridge	1	1
Gray Wolf	1	1
Gray-crowned Rosy-Finch	1	1
Great Basin Pocket Mouse	1	1
Great Basin Spadefoot	1	
Great Blue Heron	1	1
Great Egret	1	1
Great Gray Owl	1	1
Great Horned Owl	1	1
Greater Scaup	1	1
Greater White-fronted Goose	1	1
Greater Yellowlegs	1	1
Green Heron	1	1
Green-tailed Towhee		1
Green-winged Teal	1	1
Grizzly Bear	1	1
Gyrfalcon	1	1
Hairy Woodpecker	1	1
Hammond's Flycatcher	1	1
Harlequin Duck	1	1
Harris's Sparrow	1	1
Heather Vole		1
Hermit Thrush	1	1
Herring Gull	1	1
Hoary Bat	1	1
Hoary Marmot	1	1
Hoary Redpoll	1	1
	1	1
Hooded Merganser Horned Grebe	1	1
Horned Lark	1	1
House Finch	1	1
House Mouse	1	1
House Sparrow	1	1
House Wren	1	1
Idaho Giant Salamander	1	1
Keen's Mouse	1	

Common Name	Canada	Flathead
Killdeer	1	1
Lapland Longspur	1	1
Lark Sparrow	1	1
Lazuli Bunting	1	1
Least Chipmunk	1	1
Least Flycatcher	1	1
Least Sandpiper	1	1
Lesser Scaup	1	1
Lesser Yellowlegs	1	1
Lewis' Woodpecker	1	1
Lewis's Woodpecker	1	1
Lincoln's Sparrow	1	1
Little Brown Myotis	1	1
	1	1
Loggerhead Shrike Long-billed Curlew	1	1
Long-billed Dowitcher	1	1
	1	
Long-eared Myotis	1	1
Long-eared Owl	1	1
Long-legged Myotis	1	1
Long-tailed Duck	1	4
Long-tailed Vole	1	1
Long-tailed Weasel	1	1
Long-toed Salamander	1	1
Lynx	1	1
Macgillivray's Warbler	1	1
Magnolia Warbler	1	
Mallard	1	1
Marbled Godwit		1
Marsh Wren	1	1
Masked Shrew		1
Meadow Jumping Mouse	1	
Meadow Vole	1	1
Merlin	1	1
Merriam's Shrew	1	
Mew Gull	1	
Mink	1	1
Montane Shrew		1
Montane Vole	1	1
Moose	1	1
Mountain Beaver	1	
Mountain Bluebird	1	1
Mountain Caribou		
Mountain Chickadee	1	1
Mountain Goat	1	1
Mountain Lion	1	1
Mourning Dove	1	1
Mule Deer	1	1
Muskrat	1	1

Common Name	Canada	Flathead
Mute Swan		1
Nashville Warbler	1	1
Night Snake	1	
Northern Alligator Lizard	1	1
Northern Bobwhite		1
Northern Bog Lemming	1	1
Northern Flicker	1	1
Northern Flying Squirrel	1	1
Northern Goshawk	1	1
Northern Grasshopper Mouse		1
Northern Harrier	1	1
Northern Hawk Owl	1	
Northern Leopard Frog	1	1
Northern Mockingbird	1	1
Northern Pintail	1	1
Northern Pocket Gopher	1	1
Northern Pygmy-owl	1	1
Northern River Otter	1	1
Northern Rough-winged Swallow	1	1
Northern Saw-whet Owl	1	1
Northern Shoveler	1	1
Northern Shrike	1	1
Northern Waterthrush	1	1
Northwestern Crow	1	1
Norway Rat		1
Nothern Long-eared Myotis	1	1
Nuttall's (Mountain) Cottontail	1	1
Olive-sided Flycatcher	1	1
Orange-crowned Warbler	1	1
Oregon Spotted Frog	1	1
Osprey	1	1
Pacific Chorus (Tree) Frog	1	1
Pacific Chorus Frog	1	1
Pacific Jumping Mouse	1	
Pacific Loon	1	
Pacific-slope Flycatcher	1	
Painted Turtle	1	1
Pallid Bat	1	1
Palm Warbler	1	1
	1	1
Pectoral Sandpiper	1	1
Peregrine Falcon		1
Pilostad Woodpooker	1	_
Pileated Woodpecker	1	1
Pine Grosbeak	1	1
Pine Siskin	1	1
Pinyon Jay	1	1
Porcupine	1	1
Prairie Falcon	1	1

Common Name	Canada	Flathead
Preble's Shrew	1	<u> </u>
Pronghorn Antelope		1
Purple Finch	1	1
Purple Martin		1
Pygmy Nuthatch	1	1
Pygmy Shrew	1	1
Raccoon	1	1
Racer	1	1
Red Crossbill	1	1
Red Fox	1	1
Red Squirrel	1	1
Red-breasted Merganser	1	1
Red-breasted Nuthatch	1	1
Red-eyed Vireo	1	1
Redhead	1	1
Red-naped Sapsucker	1	1
Red-necked Grebe	1	1
Red-necked Phalarope	1	1
Red-shouldered Hawk		1
Red-tailed Chipmunk	1	1
Red-tailed Hawk	1	1
Red-throated Loon	1	
Red-winged Blackbird	1	1
Ring-billed Gull	1	1
Ring-necked Duck	1	1
Ring-necked Pheasant		1
Rock Dove		1
Rock Wren	1	1
Rocky Mountain Tailed Frog	1	
Ross's Goose	1	1
Rough-legged Hawk	1	1
Rough-skinned Newt		1
Rubber Boa	1	1
Ruby-crowned Kinglet	1	1
Ruddy Duck	1	1
Ruffed Grouse	1	1
Rufous Hummingbird	1	1
Rusty Blackbird	1	-
Sage Grouse		1
Sage Sparrow		1
Sage Thrasher	1	1
Sanderling	1	1
Sandhill Crane	1	1
Savannah Sparrow	1	1
Say's Phoebe		1
Semipalmated Plover	1	1
Semipalmated Sandpiper	1	1
Sharp-shinned Hawk	1	1
Sharp-shinica Hawk	1	1

Common Name	Canada	Flathead
Sharp-tailed Grouse	1	1
Short-billed Dowitcher	1	1
Short-eared Owl	1	1
Short-horned Lizard	1	1
Shrew-mole	1	1
Silver-haired Bat	1	1
Snapping Turtle	1	1
Snow Bunting	1	1
Snow Goose	1	1
Snowshoe Hare	1	1
Snowy Egret	1	1
Snowy Dgret Snowy Owl	1	1
Solitary Sandpiper	1	1
	1	1
Song Sparrow Sora	1	1
Southern Red-backed Vole	1	
	_	1
Spotted Bat	1	1
Spotted Sandpiper	1	1
Spotted Towhee	1	1
Spruce Grouse	1	1
Steller's Jay	1	1
Stilt Sandpiper	1	1
Striped Skunk	1	1
Surf Scoter	1	1
Swainson's Hawk	1	1
Swainson's Thrush	1	1
Swamp Sparrow		1
Tailed Frog		1
Tennessee Warbler	1	
Thirteen-lined Ground Squirrel		1
Three-toed Woodpecker	1	1
Tiger Salamander	1	1
Townsend's Big-eared Bat	1	1
Townsend's Chipmunk	1	
Townsend's Solitaire	1	1
Townsend's Warbler	1	1
Tree Swallow	1	1
Trumpeter Swan	1	1
Tundra Swan	1	1
Turkey Vulture	1	1
Upland Sandpiper		1
Vagrant Shrew	1	1
Varied Thrush	1	1
Vaux's Swift	1	1
Veery	1	1
Vesper Sparrow	1	1
Violet-green Swallow	1	1
Virginia Rail	1	1

Common Nama	Corodo	Flothand
Common Name	Canada	Flathead
Warbling Vireo	1	1
Water Shrew Water Vole	1	1
	1	1
Western Bluebird	1	1
Western Grebe	1	1
Western Harvest Mouse	1	
Western Jumping Mouse	1	1
Western Kingbird	1	1
Western Long-eared Myotis	1	
Western Meadowlark	1	1
Western Rattlesnake	1	1
Western Sandpiper	1	1
Western Screech-owl	1	1
Western Skink	1	1
Western Small-footed Myotis	1	
Western Tanager	1	1
Western Terrestrial Garter Snake	1	1
Western Toad	1	1
Western Wood-pewee	1	1
Whimbrel		1
White-breasted Nuthatch	1	1
White-crowned Sparrow	1	1
White-faced Ibis		1
White-headed Woodpecker	1	1
White-tailed Deer	1	1
White-tailed Jackrabbit		1
White-tailed Ptarmigan	1	1
White-throated Sparrow	1	1
White-throated Swift	1	1
White-winged Crossbill	1	1
White-winged Scoter	1	
Whooping Crane		1
Wild Turkey		1
Willet		1
Williamson's Sapsucker	1	1
Willow Flycatcher	1	1
Wilson's Phalarope	1	1
Wilson's Warbler	1	1
Winter Wren	1	1
Wolverine	1	1
Wood Duck	1	1
Wood Frog	1	
Woodchuck	1	
Woodhouse's Toad		1
Yellow Warbler	1	1
Yellow-bellied Marmot	1	1
Yellow-billed Cuckoo		1
Yellow-breasted Chat	1	1

Common Name	Canada	Flathead
Yellow-headed Blackbird	1	1
Yellow-pine Chipmunk	1	1
Yellow-rumped Warbler	1	1
Yuma Myotis	1	1
Grand Total*	363	374

<sup>\*</sup>These totals are total species minus accidentals, extirpations, introduced species, and reintroduced species.

Sources: Csuti et al. (1997), Verts and Carraway (1998), Ingles (1965), Hall (1981), Bailey (1936), Gilligan et al. (1994), ODFW (1994),

Puchy and Marshall (1993), Dvornich et al. (1997), Johnson and Cassidy (1997), Smith et al. (1997), and Brueggeman (1992). Supplemental information also came from Alexander (1996), Aubry (1982), Aubry and Houston (1992), Best (1988), and Bradley (1982)." (Marcot, B.G. 2002. A Multi-Species Framework Approach for the Columbia River Basin Integrating Fish, Wildlife, and Ecological Functions Version: February 2002)

The Canadian IBIS species list was reviewed and appended by Chris Steeger and Marlene Machmer of Pandion Consulting Services (<a href="http://habitat.cbt.org/">http://habitat.cbt.org/</a>)

With regard to organizations such as the Montana Natural Heritage Program that maintains lists of species of concern and threatened and endangered species, IBIS only made sure that the names they used were standard. They did incorporate the species listing status from these organizations within the database.

Much of our work with IBIS has been done at the province level and so includes the U.S. and Canadian portions of both the Flathead and Kootenai Subbasins. In the course of our analysis, we discovered there were differences between the species lists for Canada, the Flathead, and the Kootenai. We then tried to understand why there were differences and how they might affect our analysis. We learned that there are some real differences in species composition between the U.S. and Canada and there are also errors in the database that account for differences. After careful examination of those differences and consutation with IBIS staff we decided that the differences were not significant for the kind of trend analysis we were conducting. (The differences are not clustered within a particular key ecological function or in a particular biome, and because we are concerned with determining trends rather than absolute differences between biomes with regard to species composition and related ecological impacts, it is unlikely that the discrepancies in the dataset are significant.) Further, IBIS personnel in the U.S. and Canada felt that the Canada database was probably the best list of species to use that was available at the moment for any detail work beyond what was already provided using the IBIS-USA website.