

Appendix B

Upper Middle Mainstem Columbia River Subbasin

Fish and Wildlife

Table 2 Wildlife species occurrence by focal habitat type in the UMM Subbasin, WA.

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
American Avocet	American Badger	Tiger Salamander	Long-toed Salamander
American Badger	American Beaver	Northwestern Salamander	Ensatina
American Crow	American Crow	Long-toed Salamander	Great Basin Spadefoot
American Goldfinch	American Dipper	Rough-skinned Newt	Pacific Chorus (Tree) Frog
American Kestrel	American Goldfinch	Great Basin Spadefoot	Painted Turtle
American Robin	American Kestrel	Western Toad	Southern Alligator Lizard
Bank Swallow		Woodhouse's Toad	Western Fence Lizard
Barn Owl	American Redstart	Pacific Chorus (Tree) Frog	Western Skink
Barn Swallow	American Robin	Cascades Frog	Rubber Boa
Barrow's Goldeneye	American Tree Sparrow	Columbia Spotted Frog	Racer
Big Brown Bat	American Wigeon	Northern Leopard Frog	Gopher Snake
Black Bear	Bank Swallow	Bullfrog	Western Terrestrial Garter Snake
Black-billed Magpie	Barn Owl	Painted Turtle	Northwestern Garter Snake
Black-chinned Hummingbird	Barn Swallow	Western Terrestrial Garter Snake	Common Garter Snake
Black-necked Stilt	Barred Owl	Common Garter Snake	Western Rattlesnake
Black-tailed Jackrabbit	Belted Kingfisher	Common Loon	American Bittern
Black-throated Sparrow	Big Brown Bat	Pied-billed Grebe	Turkey Vulture
Blue Grouse	Black Bear	Red-necked Grebe	Gadwall
Bobcat	Black Swift	Eared Grebe	American Wigeon
Brewer's Blackbird	Black-backed Woodpecker	Western Grebe	Mallard
Brewer's Sparrow	Black-billed Magpie	Clark's Grebe	Blue-winged Teal
Brown-headed Cowbird	Black-capped Chickadee	Double-crested Cormorant	Green-winged Teal

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
Bullfrog	Black-chinned Hummingbird	American Bittern	Northern Harrier
Burrowing Owl	Black-crowned Night-heron	Great Blue Heron	Swainson's Hawk
Bushy-tailed Woodrat	Black-headed Grosbeak	Great Egret	Red-tailed Hawk
California Myotis	Black-tailed Deer	Black-crowned Night-heron	Ferruginous Hawk
California Quail	Black-throated Gray Warbler	Turkey Vulture	American Kestrel
Canada Goose	Blue Grouse	Canada Goose	Prairie Falcon
Canyon Wren	Bobcat	Tundra Swan	Chukar
Chipping Sparrow	Bobolink	Wood Duck	Gray Partridge
Chukar	Bohemian Waxwing	Gadwall	Ring-necked Pheasant
Cliff Swallow	Brewer's Blackbird	American Wigeon	Ruffed Grouse
Columbia Spotted Frog	Brown Creeper	Mallard	Sage Grouse
Columbian Ground Squirrel	Brown-headed Cowbird	Blue-winged Teal	Sharp-tailed Grouse
Common Garter Snake	Bullfrog	Cinnamon Teal	Wild Turkey
Common Nighthawk	Bullock's Oriole	Northern Shoveler	California Quail
Common Poorwill	Bushy-tailed Woodrat	Northern Pintail	Virginia Rail
Common Porcupine	California Myotis	Green-winged Teal	Sora
Common Raven	California Quail	Canvasback	American Coot
Cooper's Hawk	Calliope Hummingbird	Redhead	Killdeer
Coyote	Canada Goose	Ring-necked Duck	Black-necked Stilt
Deer Mouse	Canyon Wren	Barrow's Goldeneye	American Avocet
Eastern Kingbird	Cascade Frog	Hooded Merganser	Long-billed Curlew
European Starling	Cassin's Finch	Ruddy Duck	Wilson's Snipe
Ferruginous Hawk	Cassin's Vireo	Northern Harrier	Ring-billed Gull
Fringed Myotis	Cedar Waxwing	Sharp-shinned Hawk	Rock Dove
Golden Eagle	Chipping Sparrow	Cooper's Hawk	Mourning Dove
Gopher Snake	Chukar	Northern Goshawk	Barn Owl
Grasshopper Sparrow	Cliff Swallow	Swainson's Hawk	Western Screech-owl
Gray Flycatcher	Coast Mole	Red-tailed Hawk	Great Horned Owl
Gray Partridge	Columbia Spotted Frog	Rough-legged Hawk	Burrowing Owl
Great Basin Pocket Mouse	Columbian Ground Squirrel	Golden Eagle	Long-eared Owl

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
Great Basin Spadefoot	Columbian Mouse	American Kestrel	Short-eared Owl
Great Horned Owl	Common Garter Snake	Gyrfalcon	Common Nighthawk
Greater Yellowlegs	Common Merganser	Ring-necked Pheasant	Common Poorwill
Hoary Bat	Common Nighthawk	Virginia Rail	Black-chinned Hummingbird
Horned Lark	Common Porcupine	Sora	Rufous Hummingbird
Killdeer	Common Raven	American Coot	Lewis's Woodpecker
Lark Sparrow	Common Redpoll	Killdeer	Red-breasted Sapsucker
Least Chipmunk	Common Yellowthroat	Black-necked Stilt	Downy Woodpecker
Lesser Yellowlegs	Cooper's Hawk	American Avocet	Hairy Woodpecker
Little Brown Myotis	Cordilleran Flycatcher	Greater Yellowlegs	Northern Flicker
Loggerhead Shrike	Coyote	Lesser Yellowlegs	Western Wood-pewee
Long-billed Curlew	Creeping Vole	Solitary Sandpiper	Willow Flycatcher
Long-eared Myotis	Dark-eyed Junco	Spotted Sandpiper	Say's Phoebe
Long-eared Owl	Deer Mouse	Long-billed Curlew	Western Kingbird
Long-legged Myotis	Double-crested Cormorant	Western Sandpiper	Eastern Kingbird
Long-tailed Vole	Downy Woodpecker	Least Sandpiper	Loggerhead Shrike
Long-tailed Weasel	Dusky Flycatcher	Baird's Sandpiper	Warbling Vireo
Long-toed Salamander	Eastern Cottontail	Pectoral Sandpiper	Steller's Jay
Mallard	Eastern Fox Squirrel	Long-billed Dowitcher	Black-billed Magpie
Merriam's Shrew	Eastern Kingbird	Wilson's Snipe	American Crow
Mink	Ermine	Wilson's Phalarope	Common Raven
Montane Vole	European Starling	Ring-billed Gull	Horned Lark
Mountain Bluebird	Evening Grosbeak	California Gull	Tree Swallow
Mourning Dove		Herring Gull	Violet-green Swallow
Nashville Warbler		Thayer's Gull	Cliff Swallow
Night Snake	Fox Sparrow	Glaucous Gull	Barn Swallow
Northern Flicker	Fringed Myotis	Caspian Tern	Black-capped Chickadee
Northern Goshawk	Golden Eagle	Forster's Tern	White-breasted Nuthatch
Northern Harrier	Golden-crowned Kinglet	Black Tern	Brown Creeper
Northern Pocket Gopher	Gopher Snake	Western Screech-owl	House Wren
Northern Rough-winged Swallow	Gray Catbird	Great Horned Owl	Western Bluebird

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
Northern Shrike	Gray Jay	Snowy Owl	Mountain Bluebird
Nuttall's (Mountain) Cottontail	Great Basin Spadefoot	Northern Pygmy-owl	Swainson's Thrush
Orange-crowned Warbler	Great Blue Heron	Burrowing Owl	American Robin
Osprey	Great Egret	Great Gray Owl	Gray Catbird
Pacific Chorus (Tree) Frog	Great Horned Owl	Long-eared Owl	European Starling
Painted Turtle	Greater Yellowlegs	Short-eared Owl	Cedar Waxwing
Pallid Bat	Green-winged Teal	Common Nighthawk	Orange-crowned Warbler
Prairie Falcon	Hairy Woodpecker	Black Swift	Nashville Warbler
Pygmy Rabbit	Heather Vole	Vaux's Swift	Black-throated Gray Warbler
Racer	Hermit Thrush	White-throated Swift	Macgillivray's Warbler
Red-tailed Hawk	Hoary Bat	Black-chinned Hummingbird	Common Yellowthroat
Ringneck Snake	Hooded Merganser	Calliope Hummingbird	Wilson's Warbler
Ring-necked Pheasant	House Finch	Rufous Hummingbird	Yellow-breasted Chat
Rock Dove	House Wren	Eastern Kingbird	Spotted Towhee
Rock Wren	Killdeer	Loggerhead Shrike	Chipping Sparrow
Rough-legged Hawk	Lazuli Bunting	Northern Shrike	Brewer's Sparrow
Rough-skinned Newt	Least Chipmunk	Black-billed Magpie	Vesper Sparrow
Rubber Boa	Lesser Yellowlegs	American Crow	Savannah Sparrow
Sage Grouse	Lewis's Woodpecker	Common Raven	Grasshopper Sparrow
Sage Sparrow	Lincoln's Sparrow	Tree Swallow	Song Sparrow
Sage Thrasher	Little Brown Myotis	Violet-green Swallow	White-crowned Sparrow
Sagebrush Lizard	Long-eared Myotis	Northern Rough-winged Swallow	Dark-eyed Junco
Sagebrush Vole	Long-eared Owl	Bank Swallow	Black-headed Grosbeak
Savannah Sparrow	Long-legged Myotis	Cliff Swallow	Lazuli Bunting
Say's Phoebe	Long-tailed Vole	Barn Swallow	Bobolink
Sharp-shinned Hawk	Long-tailed Weasel	Black-capped Chickadee	Red-winged Blackbird
Sharp-tailed Grouse	Long-toed Salamander	Marsh Wren	Western Meadowlark
Short-eared Owl	Macgillivray's Warbler	American Dipper	Yellow-headed Blackbird
Short-horned Lizard	Mallard	Ruby-crowned Kinglet	Brewer's Blackbird

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
Side-blotched Lizard	Masked Shrew	American Robin	Brown-headed Cowbird
Snow Bunting	Meadow Vole	European Starling	Bullock's Oriole
Solitary Sandpiper	Mink	American Pipit	House Finch
Spotted Bat	Montane Shrew	Cedar Waxwing	American Goldfinch
Spotted Sandpiper	Montane Vole	Yellow-rumped Warbler	House Sparrow
Striped Whipsnake	Moose	Common Yellowthroat	Vagrant Shrew
Swainson's Hawk	Mountain Bluebird	Savannah Sparrow	Trowbridge's Shrew
Tiger Salamander	Mountain Chickadee	Song Sparrow	Shrew-mole
Townsend's Big-eared Bat	Mountain Lion	Lincoln's Sparrow	Coast Mole
Townsend's Ground Squirrel	Mourning Dove	White-crowned Sparrow	California Myotis
Townsend's Solitaire	Muskrat	Lapland Longspur	Yuma Myotis
Turkey Vulture	Nashville Warbler	Bobolink	Little Brown Myotis
Vagrant Shrew	Northern Alligator Lizard	Red-winged Blackbird	Long-legged Myotis
Vesper Sparrow	Northern Flicker	Western Meadowlark	Fringed Myotis
Washington Ground Squirrel	Northern Flying Squirrel	Yellow-headed Blackbird	Long-eared Myotis
Western Fence Lizard	Northern Goshawk	Brewer's Blackbird	Big Brown Bat
Western Harvest Mouse	Northern Harrier	Brown-headed Cowbird	Spotted Bat
Western Kingbird		House Finch	Townsend's Big-eared Bat
Western Meadowlark	Northern Pocket Gopher	Pine Siskin	Pallid Bat
Western Pipistrelle	Northern Pygmy-owl	American Goldfinch	Eastern Cottontail
Western Rattlesnake	Northern River Otter	Vagrant Shrew	Nuttall's (Mountain) Cottontail
Western Skink	Northern Rough-winged Swallow	Pacific Water Shrew	Snowshoe Hare
Western Small-footed Myotis	Northern Saw-whet Owl	Shrew-mole	White-tailed Jackrabbit
Western Terrestrial Garter Snake	Northern Waterthrush	California Myotis	Black-tailed Jackrabbit
Western Toad	Northwestern Salamander	Western Small-footed Myotis	Least Chipmunk
White-crowned Sparrow	Olive-sided Flycatcher	Yuma Myotis	Yellow-bellied Marmot
White-tailed Jackrabbit	Orange-crowned Warbler	Little Brown Myotis	Washington Ground Squirrel

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
White-throated Swift	Osprey	Long-legged Myotis	Columbian Ground Squirrel
Woodhouse's Toad	Pacific Chorus (Tree) Frog	Fringed Myotis	Eastern Fox Squirrel
Yellow-bellied Marmot	Pacific Jumping Mouse	Long-eared Myotis	Northern Pocket Gopher
Yuma Myotis	Pacific Water Shrew	Silver-haired Bat	Great Basin Pocket Mouse
Mule deer	Painted Turtle	Big Brown Bat	Western Harvest Mouse
Elk	Pallid Bat	Hoary Bat	Deer Mouse
	Pied-billed Grebe	Spotted Bat	Northern Grasshopper Mouse
	Pileated Woodpecker	Townsend's Big-eared Bat	Bushy-tailed Woodrat
	Pine Siskin	Pallid Bat	Montane Vole
	Prairie Falcon	Yellow-bellied Marmot	Long-tailed Vole
	Pygmy Nuthatch	American Beaver	Creeping Vole
	Raccoon	Western Harvest Mouse	Muskrat
	Racer	Deer Mouse	Black Rat
	Red Crossbill	Meadow Vole	Norway Rat
	Red Fox	Montane Vole	House Mouse
	Red-breasted Nuthatch	Long-tailed Vole	Western Jumping Mouse
	Red-breasted Sapsucker	Muskrat	Pacific Jumping Mouse
	Red-eyed Vireo	Northern Bog Lemming	Coyote
	Red-naped Sapsucker	Western Jumping Mouse	Red Fox
	Red-tailed Hawk	Pacific Jumping Mouse	Raccoon
	Red-winged Blackbird	Common Porcupine	Ermine
	Ring-necked Duck	Nutria	Long-tailed Weasel
	Ring-necked Pheasant	Coyote	American Badger
	Rough-legged Hawk	Black Bear	Striped Skunk
	Rough-skinned Newt	Grizzly Bear	Bobcat
	Rubber Boa	Raccoon	Rocky Mountain Elk
	Ruby-crowned Kinglet	Long-tailed Weasel	
	Ruffed Grouse	Mink	
	Rufous Hummingbird	Striped Skunk	
	Savannah Sparrow	Northern River Otter	
	Say's Phoebe	Mountain Lion	

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
	Sharp-tailed Grouse	Bobcat	
	Shrew-mole	Rocky Mountain Elk	
	Silver-haired Bat	Mule Deer	
	Snowshoe Hare	White-tailed Deer	
	Solitary Sandpiper		
	Song Sparrow		
	Southern Alligator Lizard		
	Southern Red-backed Vole		
	Spotted Bat		
	Spotted Sandpiper		
	Spotted Towhee		
	Steller's Jay		
	Striped Skunk		
	Swainson's Hawk		
	Swainson's Thrush		
	Tailed Frog		
	Three-toed Woodpecker		
	Tiger Salamander		
	Townsend's Big-eared Bat		
	Townsend's Solitaire		
	Townsend's Warbler		
	Tree Swallow		
	Trowbridge's Shrew		
	Turkey Vulture		
	Vagrant Shrew		
	Vaux's Swift		
	Veery		
	Violet-green Swallow		
	Warbling Vireo		
	Water Shrew		
	Water Vole		
	Western Bluebird		

Shrubsteppe	Riparian Wetlands	Herbaceous Wetlands	Agriculture
	Western Harvest Mouse		
	Western Jumping Mouse		
	Western Pipistrelle		
	Western Rattlesnake		
	Western Screech-owl		
	Western Small-footed Myotis		
	Western Tanager		
	Western Terrestrial Garter Snake		
	Western Toad		
	Western Wood-pewee		
	White-breasted Nuthatch		
	White-crowned Sparrow		
	White-headed Woodpecker		
	White-tailed Jackrabbit		
	White-throated Swift		
	Wild Turkey		
	Williamson's Sapsucker		
	Willow Flycatcher		
	Wilson's Warbler		
	Winter Wren		
	Wood Duck		
	Woodhouse's Toad		
	Yellow Warbler		
	Yellow-bellied Marmot		
	Yellow-breasted Chat		
	Yellow-pine Chipmunk		
	Yellow-rumped Warbler		
	Yuma Myotis		

(IBIS 2003)

Table 3 Wildlife species occurrence for the UMM Subbasin

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
Amphibians					
	Tiger Salamander	Ambystoma tigrinum		1	
	Northwestern Salamander	Ambystoma gracile			
	Long-toed Salamander	Ambystoma macrodactylum		1	
	Pacific Giant Salamander	Dicamptodon tenebrosus	1		
	Rough-skinned Newt	Taricha granulosa			1
	Western Red-backed Salamander	Plethodon vehiculum			
	Ensatina	Ensatina eschscholtzii			
	Tailed Frog	Ascaphus truei		1	
	Great Basin Spadefoot	Scaphiopus intermontanus		1	
	Western Toad	Bufo boreas		1	
	Woodhouse's Toad	Bufo woodhousii		1	
	Pacific Chorus (Tree) Frog	Pseudacris regilla		1	
	Cascades Frog	Rana cascadae			
	Columbia Spotted Frog	Rana luteiventris		1	
	Bullfrog	Rana catesbeiana		1	
	Total Amphibians:	15	Total: 1	9	1
Birds					
	Common Loon	Gavia immer	1		1
	Pied-billed Grebe	Podilymbus podiceps	1		1
	Red-necked Grebe	Podiceps grisegena	1		1
	Eared Grebe	Podiceps nigricollis			1

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Western Grebe	<i>Aechmophorus occidentalis</i>	1		1
	Clark's Grebe	<i>Aechmophorus clarkii</i>	1		1
	Double-crested Cormorant	<i>Phalacrocorax auritus</i>	1	1	
	American Bittern	<i>Botaurus lentiginosus</i>			1
	Great Blue Heron	<i>Ardea herodias</i>	1	1	
	Great Egret	<i>Ardea alba</i>	1	1	
	Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	1	1	
	Turkey Vulture	<i>Cathartes aura</i>	1		
	Canada Goose	<i>Branta canadensis</i>			1
	Tundra Swan	<i>Cygnus columbianus</i>			
	Wood Duck	<i>Aix sponsa</i>		1	
	Gadwall	<i>Anas strepera</i>			1
	American Wigeon	<i>Anas americana</i>			1
	Mallard	<i>Anas platyrhynchos</i>	1	1	
	Blue-winged Teal	<i>Anas discors</i>			1
	Cinnamon Teal	<i>Anas cyanoptera</i>			1
	Northern Shoveler	<i>Anas clypeata</i>			1
	Northern Pintail	<i>Anas acuta</i>			1
	Green-winged Teal	<i>Anas crecca</i>	1		1
	Canvasback	<i>Aythya valisineria</i>	1		1
	Redhead	<i>Aythya americana</i>			1
	Ring-necked Duck	<i>Aythya collaris</i>			
	Greater Scaup	<i>Aythya marila</i>	1		
	Barrow's Goldeneye	<i>Bucephala islandica</i>	1		
	Hooded Merganser	<i>Lophodytes cucullatus</i>	1	1	
	Common Merganser	<i>Mergus merganser</i>	1	1	

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Ruddy Duck	<i>Oxyura jamaicensis</i>			1
	Osprey	<i>Pandion haliaetus</i>	1		
	Northern Harrier	<i>Circus cyaneus</i>			
	Sharp-shinned Hawk	<i>Accipiter striatus</i>			
	Cooper's Hawk	<i>Accipiter cooperii</i>			
	Northern Goshawk	<i>Accipiter gentilis</i>			
	Swainson's Hawk	<i>Buteo swainsoni</i>			
	Red-tailed Hawk	<i>Buteo jamaicensis</i>	1		
	Ferruginous Hawk	<i>Buteo regalis</i>			
	Rough-legged Hawk	<i>Buteo lagopus</i>			
	Golden Eagle	<i>Aquila chrysaetos</i>	1		
	American Kestrel	<i>Falco sparverius</i>			
	Gyr Falcon	<i>Falco rusticolus</i>	1		
	Prairie Falcon	<i>Falco mexicanus</i>			
	Chukar	<i>Alectoris chukar</i>			
	Gray Partridge	<i>Perdix perdix</i>			
	Ring-necked Pheasant	<i>Phasianus colchicus</i>		1	
	Ruffed Grouse	<i>Bonasa umbellus</i>		1	
	Sage Grouse	<i>Centrocercus urophasianus</i>			
	Spruce Grouse	<i>Falcapennis canadensis</i>			
	Blue Grouse	<i>Dendragapus obscurus</i>		1	
	Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>		1	
	Wild Turkey	<i>Meleagris gallopavo</i>			
	California Quail	<i>Callipepla californica</i>			
	Virginia Rail	<i>Rallus limicola</i>			1
	Sora	<i>Porzana carolina</i>			1
	American Coot	<i>Fulica americana</i>			1

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Killdeer	Charadrius vociferus	1		
	Black-necked Stilt	Himantopus mexicanus			1
	American Avocet	Recurvirostra americana			1
	Greater Yellowlegs	Tringa melanoleuca	1		
	Lesser Yellowlegs	Tringa flavipes			
	Solitary Sandpiper	Tringa solitaria		1	
	Spotted Sandpiper	Actitis macularia	1		
	Long-billed Curlew	Numenius americanus			
	Semipalmated Sandpiper	Calidris pusilla			
	Western Sandpiper	Calidris mauri			
	Least Sandpiper	Calidris minutilla			
	Baird's Sandpiper	Calidris bairdii			
	Pectoral Sandpiper	Calidris melanotos			
	Stilt Sandpiper	Calidris himantopus			
	Long-billed Dowitcher	Limnodromus scolopaceus			
	Common Snipe	Gallinago gallinago			1
	Wilson's Phalarope	Phalaropus tricolor			1
	Red-necked Phalarope	Phalaropus lobatus			
	Ring-billed Gull	Larus delawarensis	1		
	California Gull	Larus californicus	1		
	Herring Gull	Larus argentatus	1		
	Thayer's Gull	Larus thayeri	1		
	Glaucous Gull	Larus hyperboreus	1		
	Caspian Tern	Sterna caspia	1		
	Forster's Tern	Sterna forsteri	1		1
	Black Tern	Chlidonias niger			1
	Rock Dove	Columba livia			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Mourning Dove	Zenaida macroura		1	
	Barn Owl	Tyto alba			
	Western Screech-owl	Otus kennicottii		1	
	Great Horned Owl	Bubo virginianus			
	Snowy Owl	Nyctea scandiaca	1		
	Northern Pygmy-owl	Glaucidium gnoma			
	Burrowing Owl	Athene cunicularia			
	Barred Owl	Strix varia			
	Great Gray Owl	Strix nebulosa			
	Long-eared Owl	Asio otus		1	
	Short-eared Owl	Asio flammeus			1
	Boreal Owl	Aegolius funereus			
	Northern Saw-whet Owl	Aegolius acadicus			
	Common Nighthawk	Chordeiles minor			
	Common Poorwill	Phalaenoptilus nuttallii			
	Black Swift	Cypseloides niger			
	Vaux's Swift	Chaetura vauxi			
	White-throated Swift	Aeronautes saxatalis			
	Black-chinned Hummingbird	Archilochus alexandri			
	Calliope Hummingbird	Stellula calliope			
	Rufous Hummingbird	Selasphorus rufus			
	Belted Kingfisher	Ceryle alcyon	1	1	
	Lewis's Woodpecker	Melanerpes lewis			
	Williamson's Sapsucker	Sphyrapicus thyroideus			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Red-naped Sapsucker	Sphyrapicus nuchalis		1	
	Red-breasted Sapsucker	Sphyrapicus ruber			
	Downy Woodpecker	Picoides pubescens			
	Hairy Woodpecker	Picoides villosus			
	White-headed Woodpecker	Picoides albolarvatus			
	Three-toed Woodpecker	Picoides tridactylus			
	Black-backed Woodpecker	Picoides arcticus			
	Northern Flicker	Colaptes auratus			
	Pileated Woodpecker	Dryocopus pileatus			
	Olive-sided Flycatcher	Contopus cooperi			
	Western Wood-pewee	Contopus sordidulus			
	Willow Flycatcher	Empidonax traillii	1	1	
	Hammond's Flycatcher	Empidonax hammondii			
	Gray Flycatcher	Empidonax wrightii			
	Dusky Flycatcher	Empidonax oberholseri			
	Pacific-slope Flycatcher	Empidonax difficilis			
	Cordilleran Flycatcher	Empidonax occidentalis		1	
	Say's Phoebe	Sayornis saya			
	Western Kingbird	Tyrannus verticalis			
	Eastern Kingbird	Tyrannus tyrannus			
	Loggerhead Shrike	Lanius ludovicianus			
	Northern Shrike	Lanius excubitor			
	Cassin's Vireo	Vireo cassinii			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Warbling Vireo	Vireo gilvus		1	
	Red-eyed Vireo	Vireo olivaceus		1	
	Gray Jay	Perisoreus canadensis	1		
	Steller's Jay	Cyanocitta stelleri	1		
	Clark's Nutcracker	Nucifraga columbiana			
	Black-billed Magpie	Pica pica	1	1	
	American Crow	Corvus brachyrhynchos	1		
	Northwestern Crow	Corvus caurinus	1		
	Common Raven	Corvus corax	1		
	Horned Lark	Eremophila alpestris			
	Tree Swallow	Tachycineta bicolor	1	1	
	Violet-green Swallow	Tachycineta thalassina	1		
	Northern Rough-winged Swallow	Stelgidopteryx serripennis	1	1	
	Bank Swallow	Riparia riparia	1	1	
	Cliff Swallow	Petrochelidon pyrrhonota	1	1	
	Barn Swallow	Hirundo rustica	1	1	
	Black-capped Chickadee	Poecile atricapillus			
	Mountain Chickadee	Poecile gambeli			
	Chestnut-backed Chickadee	Poecile rufescens			
	Boreal Chickadee	Poecile hudsonicus			
	Red-breasted Nuthatch	Sitta canadensis			
	White-breasted Nuthatch	Sitta carolinensis			
	Pygmy Nuthatch	Sitta pygmaea		1	
	Brown Creeper	Certhia americana			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Rock Wren	Salpinctes obsoletus			
	Canyon Wren	Catherpes mexicanus			
	House Wren	Troglodytes aedon			
	Winter Wren	Troglodytes troglodytes	1		
	Marsh Wren	Cistothorus palustris			1
	American Dipper	Cinclus mexicanus	1	1	
	Golden-crowned Kinglet	Regulus satrapa			
	Ruby-crowned Kinglet	Regulus calendula			
	Western Bluebird	Sialia mexicana			
	Mountain Bluebird	Sialia currucoides			
	Townsend's Solitaire	Myadestes townsendi			
	Veery	Catharus fuscescens		1	
	Swainson's Thrush	Catharus ustulatus			
	Hermit Thrush	Catharus guttatus			
	American Robin	Turdus migratorius	1		
	Varied Thrush	Ixoreus naevius	1		
	Gray Catbird	Dumetella carolinensis		1	
	Northern Mockingbird	Mimus polyglottos			
	Sage Thrasher	Oreoscoptes montanus			
	European Starling	Sturnus vulgaris		1	
	American Pipit	Anthus rubescens			
	Bohemian Waxwing	Bombycilla garrulus			
	Cedar Waxwing	Bombycilla cedrorum		1	
	Orange-crowned Warbler	Vermivora celata			
	Nashville Warbler	Vermivora ruficapilla			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Yellow Warbler	<i>Dendroica petechia</i>		1	
	Yellow-rumped Warbler	<i>Dendroica coronata</i>			
	Black-throated Gray Warbler	<i>Dendroica nigrescens</i>			
	Townsend's Warbler	<i>Dendroica townsendi</i>			
	Hermit Warbler	<i>Dendroica occidentalis</i>			
	American Redstart	<i>Setophaga ruticilla</i>		1	
	Northern Waterthrush	<i>Seiurus noveboracensis</i>		1	
	Macgillivray's Warbler	<i>Oporornis tolmiei</i>			
	Common Yellowthroat	<i>Geothlypis trichas</i>		1	
	Wilson's Warbler	<i>Wilsonia pusilla</i>			
	Yellow-breasted Chat	<i>Icteria virens</i>		1	
	Western Tanager	<i>Piranga ludoviciana</i>			
	Spotted Towhee	<i>Pipilo maculatus</i>	1		
	American Tree Sparrow	<i>Spizella arborea</i>			
	Chipping Sparrow	<i>Spizella passerina</i>			
	Brewer's Sparrow	<i>Spizella breweri</i>			
	Vesper Sparrow	<i>Pooecetes gramineus</i>			
	Lark Sparrow	<i>Chondestes grammacus</i>			
	Black-throated Sparrow	<i>Amphispiza bilineata</i>			
	Sage Sparrow	<i>Amphispiza belli</i>			
	Savannah Sparrow	<i>Passerculus sandwichensis</i>			
	Grasshopper Sparrow	<i>Ammodramus savannarum</i>			
	Fox Sparrow	<i>Passerella iliaca</i>		1	

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Song Sparrow	Melospiza melodia	1		
	Lincoln's Sparrow	Melospiza lincolnii		1	
	White-crowned Sparrow	Zonotrichia leucophrys			
	Dark-eyed Junco	Junco hyemalis			
	Lapland Longspur	Calcarius lapponicus			
	Snow Bunting	Plectrophenax nivalis			
	Black-headed Grosbeak	Pheucticus melanocephalus			
	Lazuli Bunting	Passerina amoena		1	
	Bobolink	Dolichonyx oryzivorus			
	Red-winged Blackbird	Agelaius phoeniceus			1
	Western Meadowlark	Stumella neglecta			
	Yellow-headed Blackbird	Xanthocephalus xanthocephalus			1
	Brewer's Blackbird	Euphagus cyanocephalus			
	Brown-headed Cowbird	Molothrus ater			
	Bullock's Oriole	Icterus bullockii		1	
	Gray-crowned Rosy-Finch	Leucosticte tephrocotis			
	Pine Grosbeak	Pinicola enucleator			
	Purple Finch	Carpodacus purpureus			
	Cassin's Finch	Carpodacus cassinii			
	House Finch	Carpodacus mexicanus			
	Red Crossbill	Loxia curvirostra			
	White-winged Crossbill	Loxia leucoptera			
	Common Redpoll	Carduelis flammea			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Pine Siskin	Carduelis pinus			
	American Goldfinch	Carduelis tristis			
	Evening Grosbeak	Coccothraustes vespertinus			1
	House Sparrow	Passer domesticus			
	Total Birds:	230	Total: 52	43	32
Mammals					
	Masked Shrew	Sorex cinereus	1		
	Vagrant Shrew	Sorex vagrans	1		
	Montane Shrew	Sorex monticolus	1		
	Water Shrew	Sorex palustris	1	1	
	Pacific Water Shrew	Sorex bendirii	1		
	Trowbridge's Shrew	Sorex trowbridgii	1		
	Merriam's Shrew	Sorex merriami			
	Shrew-mole	Neurotrichus gibbsii			
	Coast Mole	Scapanus orarius			
	California Myotis	Myotis californicus			
	Western Small-footed Myotis	Myotis ciliolabrum		1	
	Yuma Myotis	Myotis yumanensis		1	
	Little Brown Myotis	Myotis lucifugus			
	Long-legged Myotis	Myotis volans		1	
	Fringed Myotis	Myotis thysanodes			
	Long-eared Myotis	Myotis evotis			
	Silver-haired Bat	Lasionycteris noctivagans			
	Western Pipistrelle	Pipistrellus hesperus		1	
	Big Brown Bat	Eptesicus fuscus		1	
	Hoary Bat	Lasiurus cinereus			
	Spotted Bat	Euderma maculatum			
	Townsend's Big-eared Bat	Corynorhinus townsendii			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Pallid Bat	<i>Antrozous pallidus</i>		1	
	American Pika	<i>Ochotona princeps</i>			
	Pygmy Rabbit	<i>Brachylagus idahoensis</i>			
	Eastern Cottontail	<i>Sylvilagus floridanus</i>			
	Nuttall's (Mountain) Cottontail	<i>Sylvilagus nuttallii</i>			
	Snowshoe Hare	<i>Lepus americanus</i>		1	
	White-tailed Jackrabbit	<i>Lepus townsendii</i>			
	Black-tailed Jackrabbit	<i>Lepus californicus</i>			
	Mountain Beaver	<i>Aplodontia rufa</i>			
	Least Chipmunk	<i>Tamias minimus</i>			
	Yellow-pine Chipmunk	<i>Tamias amoenus</i>			
	Townsend's Chipmunk	<i>Tamias townsendii</i>			
	Yellow-bellied Marmot	<i>Marmota flaviventris</i>			
	Hoary Marmot	<i>Marmota caligata</i>			
	Townsend's Ground Squirrel	<i>Spermophilus townsendii</i>			
	Washington Ground Squirrel	<i>Spermophilus washingtoni</i>			
	Columbian Ground Squirrel	<i>Spermophilus columbianus</i>			
	Cascade Golden-mantled Ground Squirrel	<i>Spermophilus saturatus</i>			
	Eastern Fox Squirrel	<i>Sciurus niger</i>			
	Western Gray Squirrel	<i>Sciurus griseus</i>			
	Red Squirrel	<i>Tamiasciurus hudsonicus</i>			
	Douglas' Squirrel	<i>Tamiasciurus douglasii</i>	1		

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Northern Flying Squirrel	<i>Glaucomys sabrinus</i>	1		
	Northern Pocket Gopher	<i>Thomomys talpoides</i>			
	Great Basin Pocket Mouse	<i>Perognathus parvus</i>			
	American Beaver	<i>Castor canadensis</i>		1	
	Western Harvest Mouse	<i>Reithrodontomys megalotis</i>		1	
	Deer Mouse	<i>Peromyscus maniculatus</i>	1	1	
	Columbian Mouse	<i>Peromyscus keeni</i>			
	Northern Grasshopper Mouse	<i>Onychomys leucogaster</i>			
	Bushy-tailed Woodrat	<i>Neotoma cinerea</i>		1	
	Southern Red-backed Vole	<i>Clethrionomys gapperi</i>		1	
	Heather Vole	<i>Phenacomys intermedius</i>			
	Meadow Vole	<i>Microtus pennsylvanicus</i>		1	
	Montane Vole	<i>Microtus montanus</i>			1
	Long-tailed Vole	<i>Microtus longicaudus</i>		1	
	Creeping Vole	<i>Microtus oregoni</i>			
	Water Vole	<i>Microtus richardsoni</i>		1	
	Sagebrush Vole	<i>Lemmys curtatus</i>			
	Muskrat	<i>Ondatra zibethicus</i>		1	
	Northern Bog Lemming	<i>Synaptomys borealis</i>			1
	Black Rat	<i>Rattus rattus</i>			
	Norway Rat	<i>Rattus norvegicus</i>			
	House Mouse	<i>Mus musculus</i>			
	Western Jumping Mouse	<i>Zapus princeps</i>		1	

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Pacific Jumping Mouse	Zapus trinotatus		1	
	Common Porcupine	Erethizon dorsatum			
	Nutria	Myocastor coypus			1
	Coyote	Canis latrans	1		
	Red Fox	Vulpes vulpes	1		
	Black Bear	Ursus americanus	1		
	Raccoon	Procyon lotor	1	1	
	Ermine	Mustela erminea			
	Long-tailed Weasel	Mustela frenata	1		
	Mink	Mustela vison	1	1	
	American Badger	Taxidea taxus			
	Striped Skunk	Mephitis mephitis	1		
	Northern River Otter	Lutra canadensis	1	1	
	Mountain Lion	Puma concolor	1		
	Bobcat	Lynx rufus	1		
	Elk	Cervus elaphus			
	Mule Deer	Odocoileus hemionus			
	White-tailed Deer	Odocoileus virginianus			
	Bighorn Sheep	Ovis canadensis			
	Total Mammals:	86	Total: 19	22	3
Reptiles					
	Painted Turtle	Chrysemys picta			
	Northern Alligator Lizard	Elgaria coerulea			
	Southern Alligator Lizard	Elgaria multicarinata			
	Short-horned Lizard	Phrynosoma douglassii			
	Sagebrush Lizard	Sceloporus graciosus			

	Common Name	Scientific Name	Salmonid Relationship	Closely Associated with Riparian Wetlands	Closely Associated with Other Wetlands
	Western Fence Lizard	Sceloporus occidentalis			
	Side-blotched Lizard	Uta stansburiana			
	Western Skink	Eumeces skiltonianus			
	Rubber Boa	Charina bottae			
	Racer	Coluber constrictor			
	Ringneck Snake	Diadophis punctatus			
	Night Snake	Hypsiglena torquata			
	Striped Whipsnake	Masticophis taeniatus			
	Gopher Snake	Pituophis catenifer			
	Western Terrestrial Garter Snake	Thamnophis elegans	1		
	Northwestern Garter Snake	Thamnophis ordinoides			
	Common Garter Snake	Thamnophis sirtalis	1	1	
	Western Rattlesnake	Crotalus viridis			
	Total Reptiles:	18	Total: 2	1	0
	Total Species:	349	Total: 74	75	36

(IBIS 2003)

Fish species listed below are known or thought to occur within the UMM Subbasin (Duke Engineering 2001, GCPUD 2003). Status refers to listing as threatened or endangered: FE=federal endangered; FT=federal threatened; FSC=federal species of concern, FEL=Federal Emergency Listing, WC=Washington candidate. Asterisks indicate the species is non-native (introduced) to the UMM Subbasin.

Table 4 Fish species of the UMM Subbasin, WA.

Family	Common Name/Status	Scientific Name
Acipenseridae	White sturgeon	<i>Acipenser transmontanus</i>
Salmonidae	Chinook salmon/FE,WC	<i>Oncorhynchus tshawytscha</i>
	Sockeye salmon	<i>Oncorhynchus nerka</i>
	Kokanee*	<i>Oncorhynchus nerka</i>
	Rainbow trout	<i>Oncorhynchus mykiss</i>
	Steelhead/FE,WC	<i>Oncorhynchus mykiss</i>
	Cutthroat trout	<i>Oncorhynchus clarki</i>
	Brown trout*	<i>Salmo trutta</i>
	Brook trout*	<i>Salvelinus fontinalis</i>
	Bull trout/FT,WC	<i>Salvelinus confluentus</i>
	Mountain whitefish	<i>Prosopium williamsoni</i>
	Lake whitefish	<i>Coregonis clupeaformis</i>
Percidae	Walleye*	<i>Stizostedion vitreum</i>
	Yellow perch*	<i>Perca flavescens</i>
Centrarcidae	Largemouth bass*	<i>Micropterus salmoides</i>
	Smallmouth bass*	<i>Micropterus dolomieu</i>
	Black crappie*	<i>Pomoxis nigromaculatus</i>
	White crappie*	<i>Pomoxis anularis</i>
	Bluegill*	<i>Lepomis macrochirus</i>
	Pumpkinseed*	<i>Lepomis gibbosus</i>
Gadidae	Burbot	<i>Lota lota</i>
Ictaluridae	Channel catfish*	<i>Ictalurus punctatus</i>
	Black bullhead*	<i>Ictalurus melas</i>
	Brown bullhead*	<i>Ictalurus nebulosus</i>

Family	Common Name/Status	Scientific Name
Catostomidae	Largescale sucker	<i>Catostomus macrocheilus</i>
	Bridgelip sucker	<i>Catostomus columbianus</i>
	Longnose sucker	<i>Catostomus catostomus</i>
	Mountain sucker/WC	<i>Catostomus platyrhynchus</i>
Cyprinidae	Carp*	<i>Cyprinus carpio</i>
	Northern pikeminnow	<i>Ptychocheilus oregonensis</i>
	Redside shiner	<i>Richardsonius balteatus</i>
	Chiselmouth	<i>Acrocheilus alutaceus</i>
	Peamouth	<i>Mylocheilus caurinus</i>
	Tench	<i>Tinca tinca</i>
	Longnose dace	<i>Rhinichthys cataractae</i>
	Speckled dace	<i>Rhinichthys osculus</i>
	Leopard dace	<i>Rhinichthys falcatus</i>
Percopsidae	Sand roller	<i>Percopsis transmontana</i>
Cottidae	Prickly sculpin	<i>Cottus asper</i>
	Torrent sculpin	<i>Cottus rhotheus</i>
Gasterosteidae	Threespine stickleback	<i>Gasterosteus aculeatus</i>
Petromyzontidae	Pacific lamprey/FSC	<i>Entosphenus tridentatus</i>

Table 5 Threatened and endangered species of the UMM Subbasin, WA.

	Common Name	Scientific Name	State Status		Federal Status
Amphibians					
	Western Toad	Bufo boreas	WA	Candidate Species	
	Columbia Spotted Frog	Rana luteiventris	WA	Candidate Species	
Total Listed Amphibians:		2			
Birds					
	Common Loon	Gavia immer	WA	Sensitive	
	Western Grebe	Aechmophorus occidentalis	WA	Candidate Species	
	Northern Goshawk	Accipiter gentilis	WA	Candidate Species	
	Ferruginous Hawk	Buteo regalis	WA	Threatened	
	Golden Eagle	Aquila chrysaetos	WA	Candidate Species	
	Bald Eagle		WA	Threatened	Threatened
	Sage Grouse	Centrocercus urophasianus	WA	Threatened	Candidate Species
	Sharp-tailed Grouse	Tympanuchus phasianellus	WA	Threatened	
	Burrowing Owl	Athene cunicularia	WA	Candidate Species	
	Spotted Owl	Strix occidentalis	WA	Endangered	Threatened
	Vaux's Swift	Chaetura vauxi	WA	Candidate Species	
	Lewis' Woodpecker	Melanerpes lewis	WA	Candidate Species	
	White-headed Woodpecker	Picoides albolarvatus	WA	Candidate Species	
	Black-backed Woodpecker	Picoides arcticus	WA	Candidate Species	

	Common Name	Scientific Name	State Status		Federal Status
	Pileated Woodpecker	Dryocopus pileatus	WA	Candidate Species	
	Loggerhead Shrike	Lanius ludovicianus	WA	Candidate Species	
	White-breasted Nuthatch	Sitta carolinensis	WA	Candidate Species	
	Sage Thrasher	Oreoscoptes montanus	WA	Candidate Species	
	Vesper Sparrow	Poocetes gramineus	WA	Candidate Species	
	Sage Sparrow	Amphispiza belli	WA	Candidate Species	
Total Listed Birds:		19			
Mammals					
	Merriam's Shrew	Sorex merriami	WA	Candidate Species	
	Townsend's Big-eared Bat	Corynorhinus townsendii	WA	Candidate Species	
	Pygmy Rabbit	Brachylagus idahoensis	WA	Endangered	Endangered
	White-tailed Jackrabbit	Lepus townsendii	WA	Candidate Species	
	Black-tailed Jackrabbit	Lepus californicus	WA	Candidate Species	
	Washington Ground Squirrel	Spermophilus washingtoni	WA	Candidate Species	Candidate Species
	Western Gray Squirrel	Sciurus griseus	WA	Threatened	
	Northern Pocket Gopher	Thomomys talpoides	WA	Candidate Species	
Total Listed Mammals:		8			
Reptiles					
	Striped Whipsnake	Masticophis taeniatus	WA	Candidate Species	
Total Listed Reptiles:		1			
Total Listed Species:		30			

(IBIS 2003)

Table 6 Partners in Flight species of the UMM Subbasin, WA.

Common Name	Scientific Name	PIF 1998-1999 Continental	PIF Ranking by Super Region Draft 2002	WA PIF Priority & Focal Species
Northern Harrier	<i>Circus cyaneus</i>			Yes
Swainson's Hawk	<i>Buteo swainsoni</i>		MO (Intermountain West, Prairies)	Yes
Ferruginous Hawk	<i>Buteo regalis</i>			Yes
Rough-legged Hawk	<i>Buteo lagopus</i>		PR (Arctic)	
American Kestrel	<i>Falco sparverius</i>			Yes
Gyrfalcon	<i>Falco rusticolus</i>		PR (Arctic)	
Sage Grouse	<i>Centrocercus urophasianus</i>		MA (Intermountain West, Prairies)	
Spruce Grouse	<i>Falcapennis canadensis</i>		PR (Northern Forests)	
White-tailed Ptarmigan	<i>Lagopus leucurus</i>		MO (Arctic)	
Blue Grouse	<i>Dendragapus obscurus</i>		MA (Pacific, Intermountain West)	
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>		MO (Prairies)	Yes
Long-billed Curlew	<i>Numenius americanus</i>	Yes		
Stilt Sandpiper	<i>Calidris himantopus</i>	Yes		
Flammulated Owl	<i>Otus flammeolus</i>		MO (Pacific, Intermountain West, Southwest)	Yes
Snowy Owl	<i>Nyctea scandiaca</i>		PR (Arctic)	
Northern Pygmy-owl	<i>Glaucidium gnoma</i>		PR (Pacific)	
Burrowing Owl	<i>Athene cunicularia</i>			Yes
Spotted Owl	<i>Strix occidentalis</i>		IM (Pacific, Intermountain West, Southwest)	
Great Gray Owl	<i>Strix nebulosa</i>			Yes
Short-eared Owl	<i>Asio flammeus</i>	Yes	MA (Arctic, Northern Forests, Intermountain West, Prairies)	Yes
Common Poorwill	<i>Phalaenoptilus nuttallii</i>			Yes
Black Swift	<i>Cypseloides niger</i>	Yes	IM (Pacific, Intermountain)	Yes

Common Name	Scientific Name	PIF 1998-1999 Continental	PIF Ranking by Super Region Draft 2002	WA PIF Priority & Focal Species
			West)	
Vaux's Swift	<i>Chaetura vauxi</i>			Yes
Calliope Hummingbird	<i>Stellula calliope</i>		MO (Intermountain West)	Yes
Rufous Hummingbird	<i>Selasphorus rufus</i>	Yes	MA (Pacific, Intermountain West)	Yes
Lewis's Woodpecker	<i>Melanerpes lewis</i>	Yes	MO (Intermountain West, Prairies)	Yes
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>		MO (Intermountain West)	Yes
Red-naped Sapsucker	<i>Sphyrapicus nuchalis</i>		MO (Intermountain West)	Yes
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>		MO (Pacific)	Yes
Downy Woodpecker	<i>Picoides pubescens</i>			Yes
White-headed Woodpecker	<i>Picoides albolarvatus</i>	Yes	PR (Pacific, Intermountain West)	Yes
Three-toed Woodpecker	<i>Picoides tridactylus</i>		PR (Northern Forests)	
Black-backed Woodpecker	<i>Picoides arcticus</i>		PR (Northern Forests)	Yes
Pileated Woodpecker	<i>Dryocopus pileatus</i>			Yes
Olive-sided Flycatcher	<i>Contopus cooperi</i>		MA (Pacific, Northern Forests, Intermountain West)	Yes
Western Wood-pewee	<i>Contopus sordidulus</i>			Yes
Willow Flycatcher	<i>Empidonax traillii</i>		MA (Prairies, East)	Yes
Hammond's Flycatcher	<i>Empidonax hammondii</i>			Yes
Gray Flycatcher	<i>Empidonax wrightii</i>		PR (Intermountain West)	Yes
Dusky Flycatcher	<i>Empidonax oberholseri</i>		MA (Intermountain West)	Yes

Common Name	Scientific Name	PIF 1998-1999 Continental	PIF Ranking by Super Region Draft 2002	WA PIF Priority & Focal Species
Pacific-slope Flycatcher	<i>Empidonax difficilis</i>		PR (Pacific)	Yes
Loggerhead Shrike	<i>Lanius ludovicianus</i>			Yes
Northern Shrike	<i>Lanius excubitor</i>		PR (Northern Forests)	
Warbling Vireo	<i>Vireo gilvus</i>			Yes
Red-eyed Vireo	<i>Vireo olivaceus</i>			Yes
Gray Jay	<i>Perisoreus canadensis</i>		PR (Northern Forests)	
Clark's Nutcracker	<i>Nucifraga columbiana</i>		PR (Intermountain West)	Yes
Horned Lark	<i>Eremophila alpestris</i>			Yes
Bank Swallow	<i>Riparia riparia</i>			Yes
Chestnut-backed Chickadee	<i>Poecile rufescens</i>		PR (Pacific)	
Boreal Chickadee	<i>Poecile hudsonicus</i>		MA (Northern Forests)	
White-breasted Nuthatch	<i>Sitta carolinensis</i>			Yes
Brown Creeper	<i>Certhia americana</i>			Yes
House Wren	<i>Troglodytes aedon</i>			Yes
Winter Wren	<i>Troglodytes troglodytes</i>			Yes
American Dipper	<i>Cinclus mexicanus</i>			Yes
Western Bluebird	<i>Sialia mexicana</i>			Yes
Mountain Bluebird	<i>Sialia currucoides</i>		PR (Intermountain West)	
Townsend's Solitaire	<i>Myadestes townsendi</i>			Yes
Veery	<i>Catharus fuscescens</i>			Yes
Swainson's Thrush	<i>Catharus ustulatus</i>			Yes
Hermit Thrush	<i>Catharus guttatus</i>			Yes
Varied Thrush	<i>Ixoreus naevius</i>			Yes
Sage Thrasher	<i>Oreoscoptes montanus</i>		PR (Intermountain West)	Yes
American Pipit	<i>Anthus rubescens</i>		PR (Arctic)	Yes
Bohemian Waxwing	<i>Bombycilla garrulus</i>		MA (Northern	

Common Name	Scientific Name	PIF 1998-1999 Continental	PIF Ranking by Super Region Draft 2002	WA PIF Priority & Focal Species
			Forests)	
Orange-crowned Warbler	<i>Vermivora celata</i>			Yes
Nashville Warbler	<i>Vermivora ruficapilla</i>		PR (Northern Forests)	Yes
Yellow Warbler	<i>Dendroica petechia</i>			Yes
Yellow-rumped Warbler	<i>Dendroica coronata</i>			Yes
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>		MO (Pacific)	Yes
Townsend's Warbler	<i>Dendroica townsendi</i>			Yes
Hermit Warbler	<i>Dendroica occidentalis</i>	Yes	MO (Pacific)	Yes
Macgillivray's Warbler	<i>Oporornis tolmiei</i>			Yes
Wilson's Warbler	<i>Wilsonia pusilla</i>			Yes
Yellow-breasted Chat	<i>Icteria virens</i>			Yes
Western Tanager	<i>Piranga ludoviciana</i>			Yes
Chipping Sparrow	<i>Spizella passerina</i>			Yes
Brewer's Sparrow	<i>Spizella breweri</i>	Yes	MA (Intermountain West)	Yes
Vesper Sparrow	<i>Pooecetes gramineus</i>			Yes
Lark Sparrow	<i>Chondestes grammacus</i>			Yes
Black-throated Sparrow	<i>Amphispiza bilineata</i>			Yes
Sage Sparrow	<i>Amphispiza belli</i>	Yes	PR (Intermountain West)	Yes
Fox Sparrow	<i>Passerella iliaca</i>			Yes
Lincoln's Sparrow	<i>Melospiza lincolni</i>		PR (Northern Forests)	Yes
Lapland Longspur	<i>Calcarius lapponicus</i>		PR (Arctic)	
Snow Bunting	<i>Plectrophenax nivalis</i>		PR (Arctic)	
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>			Yes
Bobolink	<i>Dolichonyx oryzivorus</i>	Yes		
Western Meadowlark	<i>Sturnella neglecta</i>			Yes
Bullock's Oriole	<i>Icterus bullockii</i>			Yes
Pine Grosbeak	<i>Pinicola enucleator</i>		MO (Northern Forests)	

Common Name	Scientific Name	PIF 1998-1999 Continental	PIF Ranking by Super Region Draft 2002	WA PIF Priority & Focal Species
Purple Finch	<i>Carpodacus purpureus</i>			Yes
Cassin's Finch	<i>Carpodacus cassinii</i>		MA (Intermountain West)	
Red Crossbill	<i>Loxia curvirostra</i>			Yes
White-winged Crossbill	<i>Loxia leucoptera</i>		PR (Northern Forests)	
Total Species:	98			

(IBIS 2003)

Table 7 Wildlife game species of the UMM Subbasin, WA.

	Common Name	Scientific Name	WA
Amphibians			
	Bullfrog	<i>Rana catesbeiana</i>	Game Species
	Total Game Amphibians:	1	
Birds			
	Canada Goose	<i>Branta canadensis</i>	Game Bird
	Wood Duck	<i>Aix sponsa</i>	Game Bird
	Gadwall	<i>Anas strepera</i>	Game Bird
	American Wigeon	<i>Anas americana</i>	Game Bird
	Mallard	<i>Anas platyrhynchos</i>	Game Bird
	Blue-winged Teal	<i>Anas discors</i>	Game Bird
	Cinnamon Teal	<i>Anas cyanoptera</i>	Game Bird
	Northern Shoveler	<i>Anas clypeata</i>	Game Bird
	Northern Pintail	<i>Anas acuta</i>	Game Bird
	Green-winged Teal	<i>Anas crecca</i>	Game Bird
	Canvasback	<i>Aythya valisineria</i>	Game Bird
	Redhead	<i>Aythya americana</i>	Game Bird
	Ring-necked Duck	<i>Aythya collaris</i>	Game Bird
	Greater Scaup	<i>Aythya marila</i>	Game Bird
	Barrow's Goldeneye	<i>Bucephala islandica</i>	Game Bird
	Hooded Merganser	<i>Lophodytes cucullatus</i>	Game Bird
	Common Merganser	<i>Mergus merganser</i>	Game Bird
	Ruddy Duck	<i>Oxyura jamaicensis</i>	Game Bird
	Chukar	<i>Alectoris chukar</i>	Game Bird
	Gray Partridge	<i>Perdix perdix</i>	Game Bird
	Ring-necked Pheasant	<i>Phasianus colchicus</i>	Game Bird
	Ruffed Grouse	<i>Bonasa umbellus</i>	Game Bird
	Spruce Grouse	<i>Falciennis canadensis</i>	Game Bird
	Blue Grouse	<i>Dendragapus obscurus</i>	Game Bird
	Wild Turkey	<i>Meleagris gallopavo</i>	Game Bird
	California Quail	<i>Callipepla californica</i>	Game Bird

	Common Name	Scientific Name	WA
	American Coot	Fulica americana	Game Bird
	Common Snipe	Gallinago gallinago	Game Bird
	Mourning Dove	Zenaida macroura	Game Bird
	Total Game Birds:	29	
Mammals			
	Eastern Cottontail	Sylvilagus floridanus	Game Mammal
	Nuttall's (Mountain) Cottontail	Sylvilagus nuttallii	Game Mammal
	Snowshoe Hare	Lepus americanus	Game Mammal
	White-tailed Jackrabbit	Lepus townsendii	Game Mammal
	Black-tailed Jackrabbit	Lepus californicus	Game Mammal
	American Beaver	Castor canadensis	Game Mammal
	Muskrat	Ondatra zibethicus	Game Mammal
	Red Fox	Vulpes vulpes	Game Mammal
	Black Bear	Ursus americanus	Game Mammal
	Raccoon	Procyon lotor	Game Mammal
	Ermine	Mustela erminea	Game Mammal
	Long-tailed Weasel	Mustela frenata	Game Mammal
	Mink	Mustela vison	Game Mammal
	American Badger	Taxidea taxus	Game Mammal
	Northern River Otter	Lutra canadensis	Game Mammal
	Mountain Lion	Puma concolor	Game Mammal
	Bobcat	Lynx rufus	Game Mammal
	Rocky Mountain Elk	Cervus elaphus nelsoni	Game

	Common Name	Scientific Name	WA
			Mammal
	Mule Deer	Odocoileus hemionus	Game Mammal
	Bighorn Sheep	Ovis canadensis	Game Mammal
	Total Game Mammals:	20	
	Total Game Species:	50	

(IBIS 2003).