

Appendix A: Annotated Checklist of Idaho Vertebrates, 2015

Introduction

This checklist serves as a taxonomic resource and reference for scientists, students, amateur naturalists, and others interested in the extant vertebrate fauna of Idaho. Species included in this checklist are restricted to those substantiated by published reports; consequently, they meet the criteria of the peer-review process. The contents of this checklist represent a consensus among the authors and other experts in the field; however, it does not imply complete agreement on all issues.

In the current checklist, for bats, we added one new genus *Tadarida* based on updated distributional records. Also, one new genus, *Pipistrellus* was replaced by *Parastrellus* (Hooper and Van Den Bussche 2003; Hooper et al. 2006). Lemoine et al. (2014) described a new species of sculpin, *Cottus schitsuumsh* (Cedar Sculpin), from portions of northern Idaho (the Coeur d'Alene and St. Joe rivers) and western Montana (Clark Fork River). Benkman et al. (2009) described a new species of the Red Crossbill (*Loxia curvirostra*) from Idaho, the South Hills Crossbill (*Loxia sinesciuris* Benkman), which is endemic to the South Hills and Albion Mountains of southern Idaho. Following the publication of this paper, Benkman submitted a proposal to the American Ornithologists' Union (AOU) Committee on Classification and Nomenclature of North and Middle American Birds ("North American Classification Committee," NACC) recommending that the committee recognize the South Hills Crossbill as a new species of Red Crossbill. The proposal was considered but not accepted by the committee (Chesser et al. 2010). That said, given the complexity of Red Crossbill systematics, and the compelling evidence presented by Benkman et al. (2009), we have chosen to recognize South Hills Crossbill as a distinct population in Idaho.

Hoisington–Lopez et al. (2012) demonstrated with nDNA and mtDNA that differentiation between the 2 subspecies of Idaho ground squirrels—*Urocitellus brunneus brunneus* and *Urocitellus brunneus endemicus*—is high and there has been no migration between *U. b. brunneus* and *U. b. endemicus* since their divergence. Furthermore, the authors demonstrated that the 2 taxa inhabit different niches, which provides the opportunity for divergence to occur via differential adaptation. Hoisington–Lopez et al. (2012) further contended that these data, coupled with morphological differentiation documented by Yensen and Sherman (1997), provide compelling evidence that *U. b. brunneus* and *U. b. endemicus* should be elevated to species status, as advocated by Yensen and Sherman (1997). We therefore recognize Northern Idaho Ground Squirrel (*Urocitellus brunneus*) and Southern Idaho Ground Squirrel (*Urocitellus endemicus*) as distinct species.

With few exceptions, common names are adapted from Stebbins (2003) for amphibians and reptiles.

Standard English common names of species are capitalized following conventions adopted by the American Fisheries Society (Page et al. 2013), American Ornithologists' Union (American Ornithologists' Union 2015), and the Society for the Study of Amphibians and Reptiles ([SSAR]

Society for the Study of Amphibians and Reptiles 2015). Exceptions to this include hybrids (e.g., splake) and common names for taxa above the species level (e.g., trout-perches, colubrids), which are not capitalized.

Plan of the List

The list is presented in a phylogenetic sequence of families as is generally understood. Arrangement of the classes, orders, and families generally follows Page et al. (2013) for fishes, American Ornithologists' Union (2015) for birds, Bradley et al. (2014) for mammals. Within families, genera and species are listed alphabetically for fishes, amphibians, mammals, and reptiles; bird species are presented in phylogenetic sequence.

Table A-1. Annotated checklist of Idaho vertebrates, 2015 ^a Bold typeface denotes species of greatest conservation need

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
CLASS PETROMYZONTIDA—LAMPREYS							
ORDER PETROMYZONTIFORMES—LAMPREYS							
Family Petromyzontidae—lampreys							
Entosphenus tridentatus (Pacific Lamprey)	G4	S1				Type 2	E
CLASS ACTINOPTERYGII—RAY-FINNED FISHES							
ORDER ACIPENSERIFORMES—STURGEONS, SPOONFISHES, AND PADDLEFISHES							
Family Acipenseridae—sturgeons							
<i>Acipenser transmontanus</i> (White Sturgeon)	G4	S2				Type 2	GF
Acipenser transmontanus (White Sturgeon [Kootenai River DPS])	G4T1Q	S1	E			Type 1	E
ORDER CLUPEIFORMES—ANCHOVIES AND HERRINGS							
Family Clupeidae—herrings							
<i>Alosa sapidissima</i> (American Shad) I	G5	SNA					GF
ORDER CYPRINIFORMES—MINNOWS AND SUCKERS							
Family Cyprinidae—carps and minnows							
<i>Acrocheilus alutaceus</i> (Chiselmouth)	G5	S4					UW
<i>Carassius auratus</i> (Goldfish) I	G5	SNA					
<i>Couesius plumbeus</i> (Lake Chub)	G5	S3					UW
<i>Ctenopharyngodon idella</i> (Grass Carp) I	G5	SNA					I
<i>Cyprinus carpio</i> (Common Carp) I	G5	SNA					
<i>Gila atraria</i> (Utah Chub)	G5	S4					UW
Lepidomeda copei (Northern Leatherside Chub)	G3	S2			S	Type 2	PNS
<i>Mylocheilus caurinus</i> (Peamouth)	G5	S3					UW
<i>Notropis hudsonius</i> (Spottail Shiner) I	G5	SNA					
<i>Pimephales promelas</i> (Fathead Minnow) I	G5	SNA					
<i>Ptychocheilus oregonensis</i> (Northern Pikeminnow)	G5	S4					UW
<i>Rhinichthys cataractae</i> (Longnose Dace)	G5	S4					UW
<i>Rhinichthys falcatus</i> (Leopard Dace)	G4	S3					UW
<i>Rhinichthys osculus</i> (Speckled Dace)	G5	S5					UW
<i>Rhinichthys umatilla</i> (Umatilla Dace)	G4	S4					UW
<i>Richardsonius balteatus</i> (Redside Shiner)	G5	S5					UW
<i>Siphateles bicolor</i> (Tui Chub) I	G4	SNA					
<i>Tinca tinca</i> (Tench) I	G5	SNA					
Family Catostomidae—suckers							
<i>Catostomus ardens</i> (Utah Sucker)	G5	S4					UW
<i>Catostomus catostomus</i> (Longnose Sucker)	G5	S3					UW
<i>Catostomus columbianus</i> (Bridgelip Sucker)	G5	S4					UW
<i>Catostomus discobolus</i> (Bluehead Sucker)	G4	S3					PNS
<i>Catostomus macrocheilus</i> (Largescale Sucker)	G5	S4					UW
<i>Catostomus platyrhynchus</i> (Mountain Sucker)	G5	S4					UW
Family Cobitidae—loaches							
<i>Misgurnus anguillicaudatus</i> (Oriental Weatherfish) I	G5	SNA					
ORDER SILURIFORMES—CATFISHES							
Family Ictaluridae—North American catfishes							
<i>Ameiurus melas</i> (Black Bullhead) I	G5	SNA					GF
<i>Ameiurus natalis</i> (Yellow Bullhead) I	G5	SNA					GF
<i>Ameiurus nebulosus</i> (Brown Bullhead) I	G5	SNA					GF
<i>Ictalurus furcatus</i> (Blue Catfish) I	G5	SNA					GF
<i>Ictalurus punctatus</i> (Channel Catfish) I	G5	SNA					GF
<i>Noturus gyrinus</i> (Tadpole Madtom) I	G5	SNA					
<i>Pylodictis olivaris</i> (Flathead Catfish) I	G5	SNA					GF
ORDER OSMERIFORMES—SMELTS							

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
Family Osmeridae—smelts							
<i>Osmerus mordax</i> (Rainbow Smelt) I	G5	SNA					
ORDER SALMONIFORMES—SALMONS							
Family Salmonidae—trouts and salmon							
<i>Coregonus clupeaformis</i> (Lake Whitefish) I	G5	SNA					GF
<i>Oncorhynchus aguabonita</i> (Golden Trout) I	G5T1	SNA					GF
<i>Oncorhynchus clarkii</i> × <i>O. mykiss</i> (cutbow trout) I		SNA					GF
<i>Oncorhynchus clarkii bouvieri</i> (Yellowstone Cutthroat Trout)	G4T4	S4			S	Type 2	GF
<i>Oncorhynchus clarkii henshawi</i> (Lahontan Cutthroat Trout) I	G4T3	SNA					GF
<i>Oncorhynchus clarkii lewisi</i> (Westslope Cutthroat Trout)	G4T4	S4			S	Type 2	GF
<i>Oncorhynchus clarkii utah</i> (Bonneville Cutthroat Trout)	G4T4	S4			S	Type 2	GF
<i>Oncorhynchus kisutch</i> (Coho Salmon) I	G4	SNA				Type 2	GF
<i>Oncorhynchus mykiss</i> (Rainbow Trout) I	G5	SNA					GF
<i>Oncorhynchus mykiss gairdneri</i> (Redband Trout and Redband Steelhead)	G5T4	S4				Type 2	GF
<i>Oncorhynchus mykiss</i> (Steelhead [Snake River Basin DPS])	G5T2T3Q	S2S3	T		T	Type 1	GF, T
<i>Oncorhynchus nerka</i> (Sockeye Salmon [Snake River ESU])	G5T1Q	S1	E		E	Type 1	GF, E
<i>Oncorhynchus nerka</i> (Kokanee)	G5	SNR					GF
<i>Oncorhynchus tshawytscha</i> (Chinook Salmon [Snake River fall-run ESU])	G5T1Q	S1	T		T	Type 1	GF, T
<i>Oncorhynchus tshawytscha</i> (Chinook Salmon [Snake River spring/summer-run ESU])	G5T1Q	S1	T		T	Type 1	GF, T
<i>Prosopium abyssicola</i> (Bear Lake Whitefish)	G1	S1					GF
<i>Prosopium coulterii</i> (Pygmy Whitefish)	G5	S4					GF
<i>Prosopium gemmifer</i> (Bonneville Cisco)	G3	S3				Type 2	GF
<i>Prosopium spilonotus</i> (Bonneville Whitefish)	G3	S3				Type 2	GF
<i>Prosopium williamsoni</i> (Mountain Whitefish)	G5	S5			S		GF
<i>Salmo salar</i> (Atlantic Salmon) I	G5	SNA					GF
<i>Salmo trutta</i> (Brown Trout) I	G5	SNA					GF
<i>Salvelinus alpinus</i> (Arctic Char) I	G5	SNA					GF
<i>Salvelinus alpinus oquassa</i> (Sunapee Trout) I	G5T3T4Q	SNA					GF
<i>Salvelinus confluentus</i> (Bull Trout)	G4	S4	T		T	Type 1	GF, T
<i>Salvelinus fontinalis</i> (Brook Trout) I	G5	SNA					GF
<i>Salvelinus fontinalis</i> × <i>S. namaycush</i> (splake) I	GNA	SNA					GF
<i>Salvelinus namaycush</i> (Lake Trout) I	G5	SNA					GF
<i>Thymallus arcticus</i> (Arctic Grayling) I	G5	SNA					GF
ORDER ESOCIFORMES—PIKES AND MUDMINNOMS							
Family Esocidae—pikes and mudminnows							
<i>Esox lucius</i> (Northern Pike) I	G5	SNA					GF
<i>Esox lucius</i> × <i>E. masquinongy</i> (tiger muskellunge) I	GNA	SNA					GF
ORDER PERCOPSIFORMES—TROUT-PERCHES							
Family Percopsidae—trout-perches							
<i>Percopsis transmontana</i> (Sand Roller)	G4	S2					PNS
ORDER GADIFORMES—CODS AND HAKES							
Family Gadidae—cods							
<i>Lota lota</i> (Burbot)	G5	S1				Type 2	GF, E
ORDER CYPRINODONTIFORMES—KILLIFISHES							
Family Poeciliidae—livebearers							
<i>Gambusia affinis</i> (Western Mosquitofish) I	G5	SNA					
<i>Poecilia mexicana</i> (Shortfin Molly) I	G5	SNA					
<i>Poecilia reticulata</i> (Guppy) I	G5	SNA					
<i>Xiphophorus hellerii</i> (Green Swordtail) I	G5	SNA					
ORDER SCORPAENIFORMES—MAIL-CHEEKED FISHES, SCORPIONFISHES, AND SCULPINS							
Family Cottidae—sculpins							
<i>Cottus bairdii</i> (Mottled Sculpin)	G5	S4					UW

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Cottus beldingii</i> (Paiute Sculpin)	G5	S4					UW
<i>Cottus cognatus</i> (Slimy Sculpin)	G5	S3					UW
<i>Cottus confusus</i> (Shorthead Sculpin)	G5	S5					UW
Cottus extensus (Bear Lake Sculpin)	G3	S3				Type 2	PNS
<i>Cottus greenei</i> (Shoshone Sculpin)	G2	S2				Type 2	PNS
<i>Cottus leiopomus</i> (Wood River Sculpin)	G2	S2			S	Type 2	PNS
<i>Cottus rhotheus</i> (Torrent Sculpin)	G5	S3					UW
<i>Cottus schitsuumsh</i> (Cedar Sculpin)	GNR	SNR				Type 2	UW
ORDER PERCIFORMES—PERCH-LIKE FISHES							
Family Centrarchidae—sunfishes							
<i>Lepomis cyanellus</i> (Green Sunfish) I	G5	SNA					GF
<i>Lepomis gibbosus</i> (Pumpkinseed) I	G5	SNA					GF
<i>Lepomis gibbosus</i> × <i>L. macrochirus</i> (Pumpkinseed × Bluegill) I		SNA					GF
<i>Lepomis gulosus</i> (Warmouth) I	G5	SNA					GF
<i>Lepomis macrochirus</i> (Bluegill) I	G5	SNA					GF
<i>Micropterus dolomieu</i> (Smallmouth Bass) I	G5	SNA					GF
<i>Micropterus salmoides</i> (Largemouth Bass) I	G5	SNA					GF
<i>Pomoxis annularis</i> (White Crappie) I	G5	SNA					GF
<i>Pomoxis nigromaculatus</i> (Black Crappie) I	G5	SNA					GF
Family Percidae—perches and darters							
<i>Perca flavescens</i> (Yellow Perch) I	G5	SNA					GF
<i>Sander canadensis</i> (Sauger) I	G5	SNA					GF
<i>Sander vitreus</i> (Walleye) I	G5	SNA					GF
Family Cichlidae—cichlids and tilapias							
<i>Amatitlania nigrofasciata</i> (Convict Cichlid) I	G5	SNA					
<i>Oreochromis aureus</i> (Blue Tilapia) I	G5	SNA					
<i>Oreochromis mossambicus</i> (Mozambique Tilapia) I	G5	SNA					
<i>Tilapia zillii</i> (Redbelly Tilapia) I	G5	SNA					
CLASS AMPHIBIA—AMPHIBIANS							
ORDER ANURA—FROGS AND TOADS							
Family Ascaphidae—tailed frogs							
<i>Ascaphus montanus</i> (Rocky Mountain Tailed Frog)	G4	S3					PNS
Family Bufonidae—toads							
Anaxyrus boreas (Western Toad)	G4	S2		S	S	Type 2	PNS
Anaxyrus woodhousii (Woodhouse's Toad)	G5	S2				Type 2	PNS
Family Hylidae—treefrogs							
<i>Pseudacris maculata</i> (Boreal Chorus Frog)	G5	S4					PNS
<i>Pseudacris sierra</i> (Sierran Treefrog)	G5	S5					PNS
Family Ranidae—true frogs							
<i>Lithobates catesbeianus</i> (American Bullfrog) I	G5	SNA					GF, I
Lithobates pipiens (Northern Leopard Frog)	G5	S2				Type 2	PNS
<i>Rana luteiventris</i> (Columbia Spotted Frog)	G4	S4			S		PNS
Rana luteiventris (Columbia Spotted Frog [Great Basin DPS])	G4T2T3Q	S2			S	Type 2	PNS
Family Scaphiropodidae—North American spadefoots							
<i>Spea intermontana</i> (Great Basin Spadefoot)	G5	S4					PNS
ORDER CAUDATA—SALAMANDERS							
Family Ambystomatidae—mole salamanders							
<i>Ambystoma macrodactylum</i> (Long-toed Salamander)	G5	S5					PNS
<i>Ambystoma mavortium</i> (Western Tiger Salamander)	G5	S4					PNS
Family Dicamptodontidae—giant salamanders							
<i>Dicamptodon aterrimus</i> (Idaho Giant Salamander)	G3G4	S4				Type 2	PNS
Family Plethodontidae—lungless salamanders							
<i>Plethodon idahoensis</i> (Coeur d'Alene Salamander)	G4	S3		S		Type 2	PNS
Family Salamandridae—newts							
<i>Taricha granulosa</i> (Rough-skinned Newt) I	G5	SNA					I

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
CLASS AVES—BIRDS							
ORDER ANSERIFORMES—SCREAMERS, SWANS, GEESE, AND DUCKS							
Family Anatidae—ducks, geese, and swans							
<i>Anser albifrons</i> (Greater White-fronted Goose)	G5	S4M					MGB
<i>Chen canagica</i> (Emperor Goose) A	G3G4	SNA					MGB
<i>Chen caerulescens</i> (Snow Goose)	G5	S5M					MGB
<i>Chen rossii</i> (Ross's Goose)	G4	S3M					MGB
<i>Branta bernicla</i> (Brant)	G5	SNA					MGB
<i>Branta hutchinsii</i> (Cackling Goose)	G5	SNR					UW
<i>Branta canadensis</i> (Canada Goose)	G5	S5B, S5N					MGB
<i>Cygnus olor</i> (Mute Swan) I	G5	SNA					
Cygnus buccinator (Trumpeter Swan)	G4	S1B, S4N S4N,			S	Type 2	MGB
<i>Cygnus columbianus</i> (Tundra Swan)	G5	S4M					MGB
<i>Aix sponsa</i> (Wood Duck)	G5	S4B, S4N					MGB
<i>Anas strepera</i> (Gadwall)	G5	S3					MGB
<i>Anas penelope</i> (Eurasian Wigeon)	G5	S1N					MGB
<i>Anas americana</i> (American Wigeon)	G5	S4B, S4N					MGB
<i>Anas rubripes</i> (American Black Duck) A	G5	SNA					MGB
<i>Anas platyrhynchos</i> (Mallard)	G5	S4B, S4N					MGB
<i>Anas discors</i> (Blue-winged Teal)	G5	S2B					MGB
<i>Anas cyanoptera</i> (Cinnamon Teal)	G5	S4B					MGB
<i>Anas clypeata</i> (Northern Shoveler)	G5	S4B, S4N					MGB
<i>Anas acuta</i> (Northern Pintail)	G5	S4B, S4N					MGB
<i>Anas querquedula</i> (Garganey) A	G5	SNA					UW
<i>Anas crecca</i> (Green-winged Teal)	G5	S4B, S4N					MGB
<i>Aythya valisineria</i> (Canvasback)	G5	S3B, S3N					MGB
<i>Aythya americana</i> (Redhead)	G5	S4					MGB
<i>Aythya collaris</i> (Ring-necked Duck)	G5	S4B, S4N					MGB
<i>Aythya fuligula</i> (Tufted Duck) A	G5	SNA					UW
<i>Aythya marila</i> (Greater Scaup)	G5	SNA					MGB
<i>Aythya affinis</i> (Lesser Scaup)	G5	S3B, S3N					MGB
Histrionicus histrionicus (Harlequin Duck)	G4	S1B		S	S	Type 2	MGB
<i>Melanitta perspicillata</i> (Surf Scoter) A	G5	SNA					MGB
<i>Melanitta fusca</i> (White-winged Scoter) A	G5	SNA					MGB
<i>Melanitta americana</i> (Black Scoter) A	G5	SNA					UW
<i>Clangula hyemalis</i> (Long-tailed Duck)	G5	S1N					MGB
<i>Bucephala albeola</i> (Bufflehead)	G5	S1B, S1N					MGB
<i>Bucephala clangula</i> (Common Goldeneye)	G5	S5B, S5N					MGB
<i>Bucephala islandica</i> (Barrow's Goldeneye)	G5	S3B, S3N					MGB
<i>Lophodytes cucullatus</i> (Hooded Merganser)	G5	S4B, S4N					MGB
<i>Mergus merganser</i> (Common Merganser)	G5	S3					MGB
<i>Mergus serrator</i> (Red-breasted Merganser)	G5	S1M					MGB
<i>Oxyura jamaicensis</i> (Ruddy Duck)	G5	S2					MGB
ORDER GALLIFORMES—GALLINACEOUS BIRDS							
Family Odontophoridae—New World quail							
Oreortyx pictus (Mountain Quail)	G5	S2		S	S	Type 2	UGB
<i>Callipepla californica</i> (California Quail) I	G5	SNA					UGB
<i>Callipepla gambelii</i> (Gambel's Quail) I	G5	SNA					UGB
<i>Colinus virginianus</i> (Northern Bobwhite) I	G5	SNA					UGB
Family Phasianidae—partridges, grouse, turkeys, and Old World quail							
<i>Alectoris chukar</i> (Chukar) I	G5	SNA					UGB
<i>Perdix perdix</i> (Gray Partridge) I	G5	SNA					UGB
<i>Phasianus colchicus</i> (Ring-necked Pheasant) I	G5	SNA					UGB
<i>Bonasa umbellus</i> (Ruffed Grouse)	G5	S4					UGB

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
Centrocerus urophasianus (Greater Sage-Grouse)	G3G4	S3			S	Type 2	UGB
<i>Falcapennis canadensis</i> (Spruce Grouse)	G5	S4					UGB
<i>Lagopus leucura</i> (White-tailed Ptarmigan)	G5	SNA					UW
<i>Dendragapus obscurus</i> (Dusky Grouse)	G5	S5					UGB
Tympanuchus phasianellus (Sharp-tailed Grouse)	G4T3	S3			S	Type 2	UGB
<i>Meleagris gallopavo</i> (Wild Turkey) I	G5	SNA					UGB
ORDER GAVIIFORMES—LOONS							
Family Gaviidae—loons							
<i>Gavia stellata</i> (Red-throated Loon) A	G5	SNA					PNS
<i>Gavia pacifica</i> (Pacific Loon)	G5	SNA					PNS
Gavia immer (Common Loon)	G5	S1B, S2N		S	S		PNS
<i>Gavia adamsii</i> (Yellow-billed Loon) A	G4	SNA					PNS
ORDER PODICIPEDIFORMES—GREBES							
Family Podicipedidae—grebes							
<i>Podilymbus podiceps</i> (Pied-billed Grebe)	G5	S3					PNS
<i>Podiceps auritus</i> (Horned Grebe)	G5	S2N					PNS
<i>Podiceps grisegena</i> (Red-necked Grebe)	G5	S2B					PNS
<i>Podiceps nigricollis</i> (Eared Grebe)	G5	S2B, S1N					PNS
Aechmophorus occidentalis (Western Grebe)	G5	S2B					PNS
Aechmophorus clarkii (Clark's Grebe)	G5	S2B					PNS
ORDER CICONIIFORMES—STORKS							
Family Ciconiidae—storks							
<i>Mycteria americana</i> (Wood Stork) A	G4	SNA					PNS
ORDER SULIFORMES—FRIGATEBIRDS, BOOBIES, CORMORANTS, DARTERS, AND ALLIES							
Family Phalacrocoracidae—cormorants							
<i>Phalacrocorax auritus</i> (Double-crested Cormorant)	G5	S4B					PNS
ORDER PELECANIFORMES—PELICANS, HERONS, IBISES, AND ALLIES							
Family Pelecanidae—pelicans							
Pelecanus erythrorhynchos (American White Pelican)	G4	S3B					PNS
Family Ardeidae—herons, bitterns, and allies							
Botaurus lentiginosus (American Bittern)	G4	S1B					PNS
<i>Ixobrychus exilis</i> (Least Bittern) A	G5	SNA					PNS
<i>Ardea herodias</i> (Great Blue Heron)	G5	S5B					PNS
<i>Ardea alba</i> (Great Egret)	G5	S2B					PNS
<i>Egretta thula</i> (Snowy Egret)	G5	S1B					PNS
<i>Egretta caerulea</i> (Little Blue Heron) A	G5	SNA					PNS
<i>Egretta tricolor</i> (Tricolored Heron) A	G5	SNA					PNS
<i>Bubulcus ibis</i> (Cattle Egret)	G5	S1B					PNS
<i>Butorides virescens</i> (Green Heron) A	G5	SNA					PNS
<i>Nycticorax nycticorax</i> (Black-crowned Night-Heron)	G5	S2B, S2N					PNS
Family Threskiornithidae—ibises and spoonbills							
<i>Eudocimus albus</i> (White Ibis) A	G5	SNA					PNS
<i>Plegadis falcinellus</i> (Glossy Ibis)	G5	S1B					PNS
Plegadis chihi (White-faced Ibis)	G5	S2B					PNS
ORDER ACCIPITRIFORMES—HAWKS, KITES, EAGLES, AND ALLIES							
Family Cathartidae—New World vultures							
<i>Cathartes aura</i> (Turkey Vulture)	G5	S5B					PNS
Family Pandionidae—ospreys							
<i>Pandion haliaetus</i> (Osprey)	G5	S4B					PNS
Family Accipitridae—hawks, kites, eagles, and allies							
<i>Elanus leucurus</i> (White-tailed Kite) A	G5	SNA					PNS
<i>Haliaeetus leucocephalus</i> (Bald Eagle)	G5	S5		S	S	Type 2	PNS
<i>Circus cyaneus</i> (Northern Harrier)	G5	S4					PNS
<i>Accipiter striatus</i> (Sharp-shinned Hawk)	G5	S4					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Accipiter cooperii</i> (Cooper's Hawk)	G5	S4					PNS
<i>Accipiter gentilis</i> (Northern Goshawk)	G5	S3			S	Type 2	PNS
<i>Buteo lineatus</i> (Red-shouldered Hawk) A	G5	SNA					PNS
<i>Buteo platypterus</i> (Broad-winged Hawk)	G5	SNA					PNS
<i>Buteo swainsoni</i> (Swainson's Hawk)	G5	S5B					PNS
<i>Buteo jamaicensis</i> (Red-tailed Hawk)	G5	S4					PNS
<i>Buteo regalis</i> (Ferruginous Hawk)	G4	S3B				Type 2	PNS
<i>Buteo lagopus</i> (Rough-legged Hawk)	G5	S4N					PNS
<i>Aquila chrysaetos</i> (Golden Eagle)	G5	S3				Type 2	PNS
ORDER GRUIFORMES—RAILS, CRANES, AND ALLIES							
Family Rallidae—rails, gallinules, and coots							
<i>Coturnicops noveboracensis</i> (Yellow Rail) A	G4	SNA					PNS
<i>Rallus limicola</i> (Virginia Rail)	G5	S3B, S2N					PNS
<i>Porzana carolina</i> (Sora)	G5	S4B, S1N					PNS
<i>Gallinula chloropus</i> (Common Moorhen) A	G5	SNA					PNS
<i>Fulica americana</i> (American Coot)	G5	S4B, S4N					MGB
Family Gruidae—cranes							
<i>Grus canadensis</i> (Sandhill Crane)	G5	S3B					MGB
<i>Grus americana</i> (Whooping Crane) A I	G1	SNA	XN		E		
ORDER CHARADRIIFORMES—SHOREBIRDS, GULLS, AUKS, AND ALLIES							
Family Recurvirostridae—stilts and avocets							
<i>Himantopus mexicanus</i> (Black-necked Stilt)	G5	S4B, S3B, S3M					PNS
<i>Recurvirostra americana</i> (American Avocet)	G5	S3M					PNS
Family Haematopodidae—oystercatchers							
<i>Haematopus palliatus</i> (American Oystercatcher) A	G5	SNA					PNS
Family Charadriidae—lapwings and plovers							
<i>Pluvialis squatarola</i> (Black-bellied Plover)	G5	S1M					PNS
<i>Pluvialis dominica</i> (American Golden-Plover)	G5	S1M					PNS
<i>Charadrius nivosus</i> (Snowy Plover) A	G3	SNA					PNS
<i>Charadrius semipalmatus</i> (Semipalmated Plover)	G5	S1M					PNS
<i>Charadrius vociferus</i> (Killdeer)	G5	S4B, S4N					PNS
<i>Charadrius montanus</i> (Mountain Plover) A	G3	SNA					PNS
Family Scolopacidae—sandpipers, phalaropes, and allies							
<i>Actitis macularius</i> (Spotted Sandpiper)	G5	S3B					PNS
<i>Tringa solitaria</i> (Solitary Sandpiper)	G5	S1M					PNS
<i>Tringa melanoleuca</i> (Greater Yellowlegs)	G5	S3M					PNS
<i>Tringa semipalmata</i> (Willet)	G5	S3B					PNS
<i>Tringa flavipes</i> (Lesser Yellowlegs)	G5	S2M					PNS
<i>Bartramia longicauda</i> (Upland Sandpiper)	G5	S1B					PNS
<i>Numenius phaeopus</i> (Whimbrel)	G5	SNA					PNS
<i>Numenius americanus</i> (Long-billed Curlew)	G5	S2B				Type 2	PNS
<i>Limosa haemastica</i> (Hudsonian Godwit) A	G4	SNA					PNS
<i>Limosa fedoa</i> (Marbled Godwit)	G5	S2M					PNS
<i>Arenaria interpres</i> (Ruddy Turnstone) A	G5	SNA					PNS
<i>Calidris canutus</i> (Red Knot) A	G4	SNA					PNS
<i>Calidris pugnax</i> (Ruff) A	G5	SNA					PNS
<i>Calidris acuminata</i> (Sharp-tailed Sandpiper) A	G5	SNA					PNS
<i>Calidris himantopus</i> (Stilt Sandpiper)	G5	SNA					PNS
<i>Calidris alba</i> (Sanderling)	G5	S1M					PNS
<i>Calidris alpina</i> (Dunlin)	G5	S1M					PNS
<i>Calidris bairdii</i> (Baird's Sandpiper)	G5	S2M					PNS
<i>Calidris minutilla</i> (Least Sandpiper)	G5	S3M					PNS
<i>Calidris fuscicollis</i> (White-rumped Sandpiper) A	G5	SNA					PNS
<i>Calidris subruficollis</i> (Buff-breasted Sandpiper) A	G4	SNA					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Calidris melanotos</i> (Pectoral Sandpiper)	G5	S2M					PNS
<i>Calidris pusilla</i> (Semipalmated Sandpiper)	G5	S1M					PNS
<i>Calidris mauri</i> (Western Sandpiper)	G5	S3M					PNS
<i>Limnodromus griseus</i> (Short-billed Dowitcher)	G5	SNA					PNS
<i>Limnodromus scolopaceus</i> (Long-billed Dowitcher)	G5	S4M					PNS
<i>Gallinago delicata</i> (Wilson's Snipe)	G5	S4B, S3N					MGB
<i>Phalaropus tricolor</i> (Wilson's Phalarope)	G5	S4B					PNS
<i>Phalaropus lobatus</i> (Red-necked Phalarope)	G4G5	S3M					PNS
<i>Phalaropus fulicarius</i> (Red Phalarope) A	G5	SNA					PNS
Family Stercorariidae—skuas and jaegers							
<i>Stercorarius pomarinus</i> (Pomarine Jaeger) A	G5	SNA					PNS
<i>Stercorarius parasiticus</i> (Parasitic Jaeger)	G5	SNA					PNS
<i>Stercorarius longicaudus</i> (Long-tailed Jaeger) A	G5	SNA					PNS
Family Alcidae—auks, murres, and puffins							
<i>Synthliboramphus antiquus</i> (Ancient Murrelet) A	G4	SNA					PNS
Family Laridae—gulls, terns, and skimmers							
<i>Rissa tridactyla</i> (Black-legged Kittiwake) A	G5	SNA					PNS
<i>Xema sabini</i> (Sabine's Gull)	G5	SNA					PNS
<i>Chroicocephalus philadelphia</i> (Bonaparte's Gull)	G5	S3M					PNS
<i>Hydrocoloeus minutus</i> (Little Gull) A	G5	SNA					PNS
<i>Rhodostethia rosea</i> (Ross's Gull) A	G3G4	SNA					PNS
<i>Leucophaeus pipixcan</i> (Franklin's Gull)	G4G5	S3B					PNS
<i>Larus canus</i> (Mew Gull) A	G5	SNA					PNS
<i>Larus delawarensis</i> (Ring-billed Gull)	G5	S2B, S2N					PNS
<i>Larus occidentalis</i> (Western Gull) A	G5	SNA					PNS
<i>Larus californicus</i> (California Gull)	G5	S3B, S2N					PNS
<i>Larus argentatus</i> (Herring Gull)	G5	S2N					PNS
<i>Larus thayeri</i> (Thayer's Gull) A	G5	SNA					PNS
<i>Larus glaucooides</i> (Iceland Gull) A	G5	SNA					PNS
<i>Larus fuscus</i> (Lesser Black-backed Gull) A	G5	SNA					PNS
<i>Larus schistisagus</i> (Slaty-backed Gull) A	G5	SNA					PNS
<i>Larus glaucescens</i> (Glaucous-winged Gull)	G5	S1N					PNS
<i>Larus hyperboreus</i> (Glaucous Gull) A	G5	SNA					PNS
<i>Larus marinus</i> (Great Black-backed Gull) A	G5	SNA					PNS
<i>Sternula antillarum</i> (Least Tern) A	G4	SNA					PNS
<i>Hydroprogne caspia</i> (Caspian Tern)	G5	S1B					PNS
<i>Chlidonias niger</i> (Black Tern)	G4	S2B				Type 2	PNS
<i>Sterna hirundo</i> (Common Tern)	G5	SNA					PNS
<i>Sterna paradisaea</i> (Arctic Tern)	G5	SNA					PNS
<i>Sterna forsteri</i> (Forster's Tern)	G5	S2B					PNS
ORDER COLUMBIFORMES—PIGEONS AND DOVES							
Family Columbidae—pigeons and doves							
<i>Columba livia</i> (Rock Pigeon) I	G5	SNA					
<i>Patagioenas fasciata</i> (Band-tailed Pigeon)	G4	SNA					PNS
<i>Streptopelia decaocto</i> (Eurasian Collared-Dove) I	G5	SNA					
<i>Ectopistes migratorius</i> (Passenger Pigeon)	GX	SX					PNS
<i>Zenaida asiatica</i> (White-winged Dove) A	G5	SNA					PNS
<i>Zenaida macroura</i> (Mourning Dove)	G5	S5					MGB
ORDER CUCULIFORMES—CUCKOOS AND ALLIES							
Family Cuculidae—cuckoos, roadrunners, and anis							
<i>Coccyzus americanus</i> (Yellow-billed Cuckoo)	G5	S1B	T		S	Type 1	PNS
<i>Coccyzus erythrophthalmus</i> (Black-billed Cuckoo) A	G5	SNA					PNS
ORDER STRIGIFORMES—OWLS							
Family Tytonidae—barn owls							
<i>Tyto alba</i> (Barn Owl)	G5	S4					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
Family Strigidae—typical owls							
<i>Psiloscops flammeolus</i> (Flammulated Owl)	G4	S3B		S	S	Type 2	PNS
<i>Megascops kennicottii</i> (Western Screech-Owl)	G5	S1					PNS
<i>Bubo virginianus</i> (Great Horned Owl)	G5	S5					PNS
<i>Bubo scandiacus</i> (Snowy Owl)	G5	SNA					PNS
<i>Surnia ulula</i> (Northern Hawk Owl)	G5	SNR					PNS
<i>Glaucidium gnoma</i> (Northern Pygmy-Owl)	G4G5	S3					PNS
<i>Athene cucularia</i> (Burrowing Owl)	G4	S2B				Type 2	PNS
<i>Strix varia</i> (Barred Owl)	G5	S4					PNS
<i>Strix nebulosa</i> (Great Gray Owl)	G5	S3			S		PNS
<i>Asio otus</i> (Long-eared Owl)	G5	S5					PNS
<i>Asio flammeus</i> (Short-eared Owl)	G5	S3				Type 2	PNS
<i>Aegolius funereus</i> (Boreal Owl)	G5	S1			S		PNS
<i>Aegolius acadicus</i> (Northern Saw-whet Owl)	G5	S4					PNS
ORDER CAPRIMULGIFORMES—GOATSUCKERS, OILBIRDS, AND ALLIES							
Family Caprimulgidae—goatsuckers							
<i>Chordeiles minor</i> (Common Nighthawk)	G5	S4B					PNS
<i>Phalaenoptilus nuttallii</i> (Common Poorwill)	G5	S4B					PNS
ORDER APODIFORMES—SWIFTS AND HUMMINGBIRDS							
Family Apodidae—swifts							
<i>Cypseloides niger</i> (Black Swift)	G4	S1B		S		Type 2	PNS
<i>Chaetura vauxi</i> (Vaux's Swift)	G5	S3B				Type 2	PNS
<i>Aeronautes saxatalis</i> (White-throated Swift)	G5	S4B					PNS
Family Trochilidae—hummingbirds							
<i>Archilochus colubris</i> (Ruby-throated Hummingbird) A	G5	SNA					PNS
<i>Archilochus alexandri</i> (Black-chinned Hummingbird)	G5	S5B					PNS
<i>Calypte anna</i> (Anna's Hummingbird) A	G5	SNA					PNS
<i>Calypte costae</i> (Costa's Hummingbird) A	G5	SNA					PNS
<i>Selasphorus platycercus</i> (Broad-tailed Hummingbird)	G5	S5B					PNS
<i>Selasphorus rufus</i> (Rufous Hummingbird)	G5	S4B					PNS
<i>Selasphorus calliope</i> (Calliope Hummingbird)	G5	S4B					PNS
<i>Cynanthus latirostris</i> (Broad-billed Hummingbird) A	G4	SNA					PNS
ORDER CORACIIFORMES—ROLLERS, MOTMOTS, KINGFISHERS, AND ALLIES							
Family Alcedinidae—kingfishers							
<i>Megaceryle alcyon</i> (Belted Kingfisher)	G5	S4					PNS
ORDER PICIFORMES—PUFFBIRDS, JACAMARS, TOUCANS, WOODPECKERS, AND ALLIES							
Family Picidae—woodpeckers and allies							
<i>Melanerpes lewis</i> (Lewis's Woodpecker)	G4	S3B				Type 2	PNS
<i>Melanerpes erythrocephalus</i> (Red-headed Woodpecker) A	G5	SNA					PNS
<i>Melanerpes carolinus</i> (Red-bellied Woodpecker) A	G5	SNA					PNS
<i>Sphyrapicus thyroideus</i> (Williamson's Sapsucker)	G5	S4B					PNS
<i>Sphyrapicus varius</i> (Yellow-bellied Sapsucker) A	G5	SNA					PNS
<i>Sphyrapicus nuchalis</i> (Red-naped Sapsucker)	G5	S4B					PNS
<i>Sphyrapicus ruber</i> (Red-breasted Sapsucker) A	G5	SNA					PNS
<i>Picoides pubescens</i> (Downy Woodpecker)	G5	S4					PNS
<i>Picoides villosus</i> (Hairy Woodpecker)	G5	S4					PNS
<i>Picoides albolarvatus</i> (White-headed Woodpecker)	G4	S2		S	S	Type 2	PNS
<i>Picoides dorsalis</i> (American Three-toed Woodpecker)	G5	S4			S		PNS
<i>Picoides arcticus</i> (Black-backed Woodpecker)	G5	S4		S			PNS
<i>Colaptes auratus</i> (Northern Flicker)	G5	S5					PNS
<i>Dryocopus pileatus</i> (Pileated Woodpecker)	G5	S4					PNS
ORDER FALCONIFORMES—CARACARAS AND FALCONS							
Family Falconidae—caracaras and falcons							
<i>Caracara cheriway</i> (Crested Caracara) A	G5	SNA					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Falco sparverius</i> (American Kestrel)	G5	S4					PNS
<i>Falco columbarius</i> (Merlin)	G5	S4					PNS
<i>Falco rusticolus</i> (Gyr Falcon)	G5	SNA					PNS
<i>Falco peregrinus</i> (Peregrine Falcon)	G4	S3B		S	S		PNS
<i>Falco mexicanus</i> (Prairie Falcon)	G5	S4					PNS
ORDER PASSERIFORMES—PASSERINE BIRDS							
Family Tyrannidae—tyrant flycatchers							
Contopus cooperi (Olive-sided Flycatcher)	G4	S3B				Type 2	PNS
<i>Contopus sordidulus</i> (Western Wood-Pewee)	G5	S5B					PNS
<i>Empidonax traillii</i> (Willow Flycatcher)	G5	S4B				Type 2	PNS
<i>Empidonax minimus</i> (Least Flycatcher)	G5	S2B					PNS
<i>Empidonax hammondi</i> (Hammond's Flycatcher)	G5	S5B					PNS
<i>Empidonax wrightii</i> (Gray Flycatcher)	G5	S4B					PNS
<i>Empidonax oberholseri</i> (Dusky Flycatcher)	G5	S4B					PNS
<i>Empidonax occidentalis</i> (Cordilleran Flycatcher)	G5	S5B					PNS
<i>Sayornis nigricans</i> (Black Phoebe) A	G5	SNA					PNS
<i>Sayornis phoebe</i> (Eastern Phoebe) A	G5	SNA					PNS
<i>Sayornis saya</i> (Say's Phoebe)	G5	S5B					PNS
<i>Myiarchus cinerascens</i> (Ash-throated Flycatcher)	G5	S4B					PNS
<i>Tyrannus melancholicus</i> (Tropical Kingbird) A	G5	SNA					PNS
<i>Tyrannus vociferans</i> (Cassin's Kingbird) A	G5	SNA					PNS
<i>Tyrannus verticalis</i> (Western Kingbird)	G5	S5B					PNS
<i>Tyrannus tyrannus</i> (Eastern Kingbird)	G5	S5B					PNS
<i>Tyrannus forficatus</i> (Scissor-tailed Flycatcher) A	G5	SNA					PNS
<i>Tyrannus savana</i> (Fork-tailed Flycatcher) A	GNR	SNA					PNS
Family Laniidae—shrikes							
<i>Lanius ludovicianus</i> (Loggerhead Shrike)	G4	S3				Type 2	PNS
<i>Lanius excubitor</i> (Northern Shrike)	G5	S3N					PNS
Family Vireonidae—vireos							
<i>Vireo bellii</i> (Bell's Vireo) A	G5	SNA					UW
<i>Vireo flavifrons</i> (Yellow-throated Vireo) A	G5	SNA					PNS
<i>Vireo plumbeus</i> (Plumbeous Vireo)	G5	S2B					PNS
<i>Vireo cassinii</i> (Cassin's Vireo)	G5	S5B					PNS
<i>Vireo solitarius</i> (Blue-headed Vireo)	G5	SNA					PNS
<i>Vireo gilvus</i> (Warbling Vireo)	G5	S5B					PNS
<i>Vireo philadelphicus</i> (Philadelphia Vireo) A	G5	SNA					PNS
<i>Vireo olivaceus</i> (Red-eyed Vireo)	G5	S4B					PNS
Family Corvidae—crows and jays							
<i>Perisoreus canadensis</i> (Gray Jay)	G5	S2					PNS
Gymnorhinus cyanocephalus (Pinyon Jay)	G5	S3				Type 2	PNS
<i>Cyanocitta stelleri</i> (Steller's Jay)	G5	S5					PNS
<i>Cyanocitta cristata</i> (Blue Jay)	G5	S1N					PNS
<i>Aphelocoma californica</i> (Western Scrub-Jay)	G5	S3					PNS
Nucifraga columbiana (Clark's Nutcracker)	G5	S2					PNS
<i>Pica hudsonia</i> (Black-billed Magpie)	G5	S5					PNS
<i>Corvus brachyrhynchos</i> (American Crow)	G5	S5					MGB
<i>Corvus corax</i> (Common Raven)	G5	S5					PNS
Family Alaudidae—larks							
<i>Eremophila alpestris</i> (Horned Lark)	G5	S5					PNS
Family Hirundinidae—swallows							
<i>Progne subis</i> (Purple Martin) A	G5	SNA					PNS
<i>Tachycineta bicolor</i> (Tree Swallow)	G5	S5B					PNS
<i>Tachycineta thalassina</i> (Violet-green Swallow)	G5	S5B					PNS
<i>Stelgidopteryx serripennis</i> (Northern Rough-winged Swallow)	G5	S4B					PNS
<i>Riparia riparia</i> (Bank Swallow)	G5	S4B					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Petrochelidon pyrrhonota</i> (Cliff Swallow)	G5	S5B					PNS
<i>Hirundo rustica</i> (Barn Swallow)	G5	S5B					PNS
Family Paridae—chickadees and titmice							
<i>Poecile atricapillus</i> (Black-capped Chickadee)	G5	S4					PNS
<i>Poecile gambeli</i> (Mountain Chickadee)	G5	S4					PNS
<i>Poecile rufescens</i> (Chestnut-backed Chickadee)	G5	S5					PNS
<i>Poecile hudsonicus</i> (Boreal Chickadee)	G5	S1					PNS
<i>Baeolophus ridgwayi</i> (Juniper Titmouse)	G5	S1					PNS
Family Aegithalidae—long-tailed tits and bushtits							
<i>Psaltriparus minimus</i> (Bushtit)	G5	S3					PNS
Family Sittidae—nuthatches							
<i>Sitta canadensis</i> (Red-breasted Nuthatch)	G5	S4					PNS
<i>Sitta carolinensis</i> (White-breasted Nuthatch)	G5	S4					PNS
<i>Sitta pygmaea</i> (Pygmy Nuthatch)	G5	S4		S			PNS
Family Certhiidae—creepers							
<i>Certhia americana</i> (Brown Creeper)	G5	S4					PNS
Family Troglodytidae—wrens							
<i>Salpinctes obsoletus</i> (Rock Wren)	G5	S5B					PNS
<i>Catherpes mexicanus</i> (Canyon Wren)	G5	S5					PNS
<i>Troglodytes aedon</i> (House Wren)	G5	S4B					PNS
<i>Troglodytes pacificus</i> (Pacific Wren)	G5	S4					PNS
<i>Cistothorus palustris</i> (Marsh Wren)	G5	S5B, S5N					PNS
<i>Thryomanes bewickii</i> (Bewick's Wren)	G5	S3					PNS
Family Polioptilidae—gnatcatchers and gnatwrens							
<i>Polioptila caerulea</i> (Blue-gray Gnatcatcher)	G5	S5B					PNS
Family Cinclidae—dippers							
<i>Cinclus mexicanus</i> (American Dipper)	G5	S3					PNS
Family Regulidae—kinglets							
<i>Regulus satrapa</i> (Golden-crowned Kinglet)	G5	S5					PNS
<i>Regulus calendula</i> (Ruby-crowned Kinglet)	G5	S4					PNS
Family Turdidae—thrushes							
<i>Sialia mexicana</i> (Western Bluebird)	G5	S3B					PNS
<i>Sialia currucoides</i> (Mountain Bluebird)	G5	S5B					PNS
<i>Myadestes townsendi</i> (Townsend's Solitaire)	G5	S5					PNS
<i>Catharus fuscescens</i> (Veery)	G5	S3B					PNS
<i>Catharus minimus</i> (Gray-cheeked Thrush) A	G5	SNA					PNS
<i>Catharus ustulatus</i> (Swainson's Thrush)	G5	S5B					PNS
<i>Catharus guttatus</i> (Hermit Thrush)	G5	S4B					PNS
<i>Hylocichla mustelina</i> (Wood Thrush) A	G5	SNA					PNS
<i>Turdus migratorius</i> (American Robin)	G5	S5					PNS
<i>Ixoreus naevius</i> (Varied Thrush)	G5	S4					PNS
Family Mimidae—mockingbirds and thrashers							
<i>Dumetella carolinensis</i> (Gray Catbird)	G5	S5B					PNS
<i>Toxostoma curvirostre</i> (Curve-billed Thrasher) A	G5	SNA					PNS
<i>Toxostoma rufum</i> (Brown Thrasher) A	G5	SNA					PNS
<i>Oreoscoptes montanus</i> (Sage Thrasher)	G5	S3B				Type 2	PNS
<i>Mimus polyglottos</i> (Northern Mockingbird)	G5	S1B					PNS
Family Sturnidae—starlings							
<i>Sturnus vulgaris</i> (European Starling) I	G5	SNA					PW
Family Prunellidae—accentors							
<i>Prunella montanella</i> (Siberian Accentor) A	GNA	SNA					PNS
Family Motacillidae—wagtails and pipits							
<i>Anthus rubescens</i> (American Pipit)	G5	S3B					PNS
Family Bombycillidae—waxwings							
<i>Bombycilla garrulus</i> (Bohemian Waxwing)	G5	S4N					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Bombycilla cedrorum</i> (Cedar Waxwing)	G5	S5					PNS
Family Calcariidae—longspurs and snow buntings							
<i>Calcarius lapponicus</i> (Lapland Longspur)	G5	S1N					PNS
<i>Calcarius ornatus</i> (Chestnut-collared Longspur) A	G5	SNA					PNS
<i>Rhynchophanes mccownii</i> (McCown's Longspur) A	G4	SNA					PNS
<i>Plectrophenax nivalis</i> (Snow Bunting)	G5	S4N					PNS
Family Parulidae—wood-warblers							
<i>Seiurus aurocapilla</i> (Ovenbird)	G5	SNA					PNS
<i>Parkesia noveboracensis</i> (Northern Waterthrush)	G5	S4B					PNS
<i>Vermivora chrysoptera</i> (Golden-winged Warbler) A	G4	SNA					PNS
<i>Vermivora cyanoptera</i> (Blue-winged Warbler) A	G5	SNA					PNS
<i>Mniotilta varia</i> (Black-and-white Warbler)	G5	SNA					PNS
<i>Protonotaria citrea</i> (Prothonotary Warbler) A	G5	SNA					PNS
<i>Oreothlypis peregrina</i> (Tennessee Warbler) A	G5	SNA					PNS
<i>Oreothlypis celata</i> (Orange-crowned Warbler)	G5	S4B					PNS
<i>Oreothlypis luciae</i> (Lucy's Warbler) A	G5	SNA					PNS
<i>Oreothlypis ruficapilla</i> (Nashville Warbler)	G5	S4B					PNS
<i>Oreothlypis virginiae</i> (Virginia's Warbler)	G5	S3B				Type 2	PNS
<i>Oporornis agilis</i> (Connecticut Warbler) A	G4	SNA					PNS
<i>Geothlypis tolmiei</i> (MacGillivray's Warbler)	G5	S5B					PNS
<i>Geothlypis trichas</i> (Common Yellowthroat)	G5	S5B					PNS
<i>Setophaga citrina</i> (Hooded Warbler) A	G5	SNA					PNS
<i>Setophaga ruticilla</i> (American Redstart)	G5	S2B					PNS
<i>Setophaga tigrina</i> (Cape May Warbler) A	G5	SNA					PNS
<i>Setophaga americana</i> (Northern Parula) A	G5	SNA					PNS
<i>Setophaga magnolia</i> (Magnolia Warbler)	G5	SNA					PNS
<i>Setophaga castanea</i> (Bay-breasted Warbler) A	G5	SNA					PNS
<i>Setophaga fusca</i> (Blackburnian Warbler) A	G5	SNA					PNS
<i>Setophaga petechia</i> (Yellow Warbler)	G5	S5B					PNS
<i>Setophaga pensylvanica</i> (Chestnut-sided Warbler)	G5	SNA					PNS
<i>Setophaga striata</i> (Blackpoll Warbler)	G5	SNA					PNS
<i>Setophaga caerulescens</i> (Black-throated Blue Warbler) A	G5	SNA					PNS
<i>Setophaga palmarum</i> (Palm Warbler) A	G5	SNA					PNS
<i>Setophaga pinus</i> (Pine Warbler) A	G5	SNA					PNS
<i>Setophaga coronata</i> (Yellow-rumped Warbler)	G5	S5					PNS
<i>Setophaga dominica</i> (Yellow-throated Warbler) A	G5	SNA					PNS
<i>Setophaga nigrescens</i> (Black-throated Gray Warbler)	G5	S4B					PNS
<i>Setophaga townsendi</i> (Townsend's Warbler)	G5	S5B					PNS
<i>Setophaga occidentalis</i> (Hermit Warbler) A	G4G5	SNA					PNS
<i>Setophaga virens</i> (Black-throated Green Warbler) A	G5	SNA					PNS
<i>Cardellina pusilla</i> (Wilson's Warbler)	G5	S4B					PNS
<i>Icteria virens</i> (Yellow-breasted Chat)	G5	S4B					PNS
Family Emberizidae—emberizids							
<i>Pipilo chlorurus</i> (Green-tailed Towhee)	G5	S4B				Type 2	PNS
<i>Pipilo maculatus</i> (Spotted Towhee)	G5	S4					PNS
<i>Pipilo erythrophthalmus</i> (Eastern Towhee) A	G5	SNA					PNS
<i>Peucaea cassinii</i> (Cassin's Sparrow) A	G5	SNA					PNS
<i>Spizella arborea</i> (American Tree Sparrow)	G5	S3N					PNS
<i>Spizella passerina</i> (Chipping Sparrow)	G5	S5B					PNS
<i>Spizella pallida</i> (Clay-colored Sparrow) A	G5	SNA					PNS
<i>Spizella breweri</i> (Brewer's Sparrow)	G5	S4B				Type 2	PNS
<i>Poocetes gramineus</i> (Vesper Sparrow)	G5	S5B					PNS
<i>Chondestes grammacus</i> (Lark Sparrow)	G5	S4B					PNS
<i>Amphispiza bilineata</i> (Black-throated Sparrow)	G5	S2B				Type 2	PNS
<i>Artemisiospiza nevadensis</i> (Sagebrush Sparrow)	G5	S3B				Type 2	PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Calamospiza melanocorys</i> (Lark Bunting)	G5	S1B					PNS
<i>Passerculus sandwichensis</i> (Savannah Sparrow)	G5	S5B					PNS
<i>Ammodramus savannarum</i> (Grasshopper Sparrow)	G5	S3B				Type 2	PNS
<i>Ammodramus leconteii</i> (Le Conte's Sparrow) A	G4	SNA					PNS
<i>Passerella iliaca</i> (Fox Sparrow)	G5	S4B					PNS
<i>Melospiza melodia</i> (Song Sparrow)	G5	S5					PNS
<i>Melospiza lincolni</i> (Lincoln's Sparrow)	G5	S5B					PNS
<i>Melospiza georgiana</i> (Swamp Sparrow) A	G5	SNA					PNS
<i>Zonotrichia albicollis</i> (White-throated Sparrow)	G5	S1N					PNS
<i>Zonotrichia querula</i> (Harris's Sparrow)	G5	SNA					PNS
<i>Zonotrichia leucophrys</i> (White-crowned Sparrow)	G5	S5					PNS
<i>Zonotrichia atricapilla</i> (Golden-crowned Sparrow)	G5	SNA					PNS
<i>Junco hyemalis</i> (Dark-eyed Junco)	G5	S5					PNS
Family Cardinalidae—cardinals, saltators, and allies							
<i>Piranga rubra</i> (Summer Tanager) A	G5	SNA					PNS
<i>Piranga olivacea</i> (Scarlet Tanager) A	G5	SNA					PNS
<i>Piranga ludoviciana</i> (Western Tanager)	G5	S5B					PNS
<i>Pheucticus ludovicianus</i> (Rose-breasted Grosbeak)	G5	SNA					PNS
<i>Pheucticus melanocephalus</i> (Black-headed Grosbeak)	G5	S5B					PNS
<i>Passerina caerulea</i> (Blue Grosbeak)	G5	S1B					PNS
<i>Passerina amoena</i> (Lazuli Bunting)	G5	S4B					PNS
<i>Passerina cyanea</i> (Indigo Bunting)	G5	SNA					PNS
<i>Spiza americana</i> (Dickcissel) A	G5	SNA					PNS
Family Icteridae—blackbirds							
<i>Dolichonyx oryzivorus</i> (Bobolink)	G5	S2B					PNS
<i>Agelaius phoeniceus</i> (Red-winged Blackbird)	G5	S5					PNS
<i>Sturnella neglecta</i> (Western Meadowlark)	G5	S5					PNS
<i>Xanthocephalus xanthocephalus</i> (Yellow-headed Blackbird)	G5	S4B					PNS
<i>Euphagus carolinus</i> (Rusty Blackbird) A	G4	SNA					PNS
<i>Euphagus cyanocephalus</i> (Brewer's Blackbird)	G5	S4					PNS
<i>Quiscalus quiscula</i> (Common Grackle)	G5	S1B					PNS
<i>Quiscalus mexicanus</i> (Great-tailed Grackle)	G5	S1B					PNS
<i>Molothrus ater</i> (Brown-headed Cowbird)	G5	S5B					PNS
<i>Icterus cucullatus</i> (Hooded Oriole) A	G5	SNA					PNS
<i>Icterus bullockii</i> (Bullock's Oriole)	G5	S4B					PNS
<i>Icterus galbula</i> (Baltimore Oriole) A	G5	SNA					UW
<i>Icterus parisorum</i> (Scott's Oriole)	G5	S1B					PNS
Family Fringillidae—fringilline and cardueline finches and allies							
<i>Fringilla montifringilla</i> (Brambling) A	GNR	SNA					PNS
<i>Leucosticte tephrocotis</i> (Gray-crowned Rosy-Finch)	G5	S4					PNS
<i>Leucosticte atrata</i> (Black Rosy-Finch)	G4	S2					PNS
<i>Pinicola enucleator</i> (Pine Grosbeak)	G5	S4					PNS
<i>Haemorhous mexicanus</i> (House Finch)	G5	S4					PNS
<i>Haemorhous purpureus</i> (Purple Finch) A	G5	SNA					PNS
<i>Haemorhous cassinii</i> (Cassin's Finch)	G5	S4				Type 2	PNS
<i>Loxia curvirostra</i> (Red Crossbill)	G5	S4					PNS
<i>Loxia curvirostra</i> (Red Crossbill [South Hills pop.]	GNR	S1					PNS
<i>Loxia leucoptera</i> (White-winged Crossbill)	G5	S4					PNS
<i>Acanthis flammea</i> (Common Redpoll)	G5	S3N					PNS
<i>Acanthis hornemanni</i> (Hoary Redpoll) A	G5	SNA					PNS
<i>Spinus pinus</i> (Pine Siskin)	G5	S4					PNS
<i>Spinus psaltria</i> (Lesser Goldfinch)	G5	S5					PNS
<i>Spinus tristis</i> (American Goldfinch)	G5	S5					PNS
<i>Coccothraustes vespertinus</i> (Evening Grosbeak)	G5	S4					PNS
Family Passeridae—Old World sparrows							

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Passer domesticus</i> (House Sparrow) I	G5	SNA					
CLASS MAMMALIA—MAMMALS							
ORDER DIDELPHIMORPHIA—OPOSSUMS							
Family Didelphidae—opossums							
<i>Didelphis virginiana</i> (Virginia Opossum) I	G5	SNA					
ORDER LAGOMORPHA—PIKAS, HARES, AND RABBITS							
Family Leporidae—hares and rabbits							
<i>Brachylagus idahoensis</i> (Pygmy Rabbit)	G4	S3			S	Type 2	UGA
<i>Lepus americanus</i> (Snowshoe Hare)	G5	S3					UGA
<i>Lepus californicus</i> (Black-tailed Jackrabbit)	G5	S4					PW
<i>Lepus townsendii</i> (White-tailed Jackrabbit)	G5	S4					PW
<i>Sylvilagus floridanus</i> (Eastern Cottontail) I	G5	SNA					
<i>Sylvilagus nuttallii</i> (Mountain Cottontail)	G5	S4					UGA
Family Ochotonidae—pikas							
<i>Ochotona princeps</i> (American Pika)	G5	S3					PNS
ORDER SORICOMORPHA—INSECTIVORES							
Family Soricidae—shrews							
<i>Sorex cinereus</i> (Cinereus or Masked Shrew)	G5	S5					UW
<i>Sorex hoyi</i> (American Pygmy Shrew)	G5	S4					UW
<i>Sorex merriami</i> (Merriam's Shrew)	G5	S4					UW
<i>Sorex monticolus</i> (Dusky or Montane Shrew)	G5	S5					UW
<i>Sorex nanus</i> (Dwarf Shrew)	G4	S2					UW
<i>Sorex palustris</i> (American Water Shrew)	G5	S4					UW
<i>Sorex vagrans</i> (Vagrant Shrew)	G5	S5					UW
Family Talpidae—moles							
<i>Scapanus orarius</i> (Coast Mole)	G5	S3				Type 2	UW
ORDER CHIROPTERA—BATS							
Family Molossidae—free-tailed bats							
<i>Tadarida brasiliensis</i> (Brazilian Free-tailed Bat) A	G5	SNA					PNS
Family Vespertilionidae—vesper bats							
<i>Antrozous pallidus</i> (Pallid Bat)	G5	S3				Type 2	PNS
<i>Corynorhinus townsendii</i> (Townsend's Big-eared Bat)	G3G4	S3		S	S	Type 2	PNS
<i>Eptesicus fuscus</i> (Big Brown Bat)	G5	S3				Type 2	PNS
<i>Euderma maculatum</i> (Spotted Bat)	G4	S3			S	Type 2	PNS
<i>Lasiorycteris noctivagans</i> (Silver-haired Bat)	G4	S3				Type 2	PNS
<i>Lasiurus cinereus</i> (Hoary Bat)	G4	S3				Type 2	PNS
<i>Myotis californicus</i> (California Myotis)	G5	S3				Type 2	PNS
<i>Myotis ciliolabrum</i> (Western Small-footed Myotis)	G4G5	S3				Type 2	PNS
<i>Myotis evotis</i> (Long-eared Myotis)	G4G5	S3				Type 2	PNS
<i>Myotis lucifugus</i> (Little Brown Myotis)	G3	S3				Type 2	PNS
<i>Myotis thysanodes</i> (Fringed Myotis)	G4	S3		S		Type 2	PNS
<i>Myotis volans</i> (Long-legged Myotis)	G4G5	S3				Type 2	PNS
<i>Myotis yumanensis</i> (Yuma Myotis)	G4G5	S3				Type 2	PNS
<i>Parastrellus hesperus</i> (Canyon Bat)	G5	S3				Type 2	PNS
ORDER CARNIVORA—CARNIVORES							
Family Canidae—dogs, foxes, and wolves							
<i>Canis latrans</i> (Coyote)	G5	S5					PW
<i>Canis lupus</i> (Gray Wolf)	G4G5	S4		S	S	Type 2	BG
<i>Vulpes macrotis</i> (Kit Fox)	G4	S2				Type 2	PNS
<i>Vulpes vulpes</i> (Red Fox)	G5	S4					F
Family Felidae—cats							
<i>Lynx canadensis</i> (Canada Lynx) A	G5	SNA	T		T	Type 1	F, T
<i>Lynx rufus</i> (Bobcat)	G5	S4					F
<i>Puma concolor</i> (Mountain Lion, Cougar, or Puma)	G5	S5					BG
Family Mephitidae—skunks							

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
<i>Mephitis mephitis</i> (Striped Skunk)	G5	S4					PW
<i>Spilogale gracilis</i> (Western Spotted Skunk)	G5	S4					PW
Family Mustelidae—weasels, otters, and badgers							
<i>Gulo gulo</i> (Wolverine)	G4	S1		S	P	Type 2	PNS
<i>Lontra canadensis</i> (Northern River Otter)	G5	S4					F
<i>Martes americana</i> (American Marten)	G5	S5					F
<i>Mustela erminea</i> (Ermine or Short-tailed Weasel)	G5	S4					PW
<i>Mustela frenata</i> (Long-tailed Weasel)	G5	S5					PW
<i>Vison vison</i> (American Mink)	G5	S3					F
<i>Pekania pennanti</i> (Fisher)	G5	S2		S	S	Type 2	F
<i>Taxidea taxus</i> (American Badger)	G5	S4					F
Family Procyonidae—raccoons, ringtails, and coatis							
<i>Bassariscus astutus</i> (Ringtail) A	G5	SNA					UW
<i>Procyon lotor</i> (Northern Raccoon)	G5	S5					PW
Family Ursidae—bears							
<i>Ursus americanus</i> (American Black Bear)	G5	S4					BG
<i>Ursus arctos</i> (Grizzly Bear)	G4	S2	T		T	Type 1	BG
ORDER PERISSODACTYLA—ODD-TOED UNGULATES							
Family Equidae—horses and asses							
<i>Equus caballus</i> (Feral Horse) I	GNA	SNA					
ORDER ARTIODACTYLA—EVEN-TOED UNGULATES							
Family Antilocapridae—pronghorn							
<i>Antilocapra americana</i> (Pronghorn)	G5	S4					BG
Family Bovidae—cattle, antelope, sheep, goats, and African exotics							
<i>Bos bison</i> (American Bison) A	G4	SNA					UW
<i>Oreamnos americanus</i> (Mountain Goat)	G5	S3					BG
<i>Ovis canadensis</i> (Bighorn Sheep)	G4	S2		S	S	Type 2	BG
Family Cervidae—deer							
<i>Alces americanus</i> (Moose)	G5	S3					BG
<i>Cervus canadensis</i> (Elk)	G5	S5					BG
<i>Odocoileus hemionus</i> (Mule Deer)	G5	S4					BG
<i>Odocoileus virginianus</i> (White-tailed Deer)	G5	S5					BG
<i>Rangifer tarandus</i> (Caribou)	G5T4	S1	E			Type 1	E
ORDER RODENTIA—RODENTS							
Family Castoridae—beavers							
<i>Castor canadensis</i> (American Beaver)	G5	S4					F
Family Cricetidae—New World mice, rats, and voles							
<i>Lemmyscus curtatus</i> (Sagebrush Vole)	G5	S5					UW
<i>Microtus longicaudus</i> (Long-tailed Vole)	G5	S5					UW
<i>Microtus montanus</i> (Montane Vole)	G5	S4					UW
<i>Microtus pennsylvanicus</i> (Meadow Vole)	G5	S5					UW
<i>Microtus richardsoni</i> (North American or Water Vole)	G5	S4					UW
<i>Myodes gapperi</i> (Southern Red-backed Vole)	G5	S4					UW
<i>Neotoma cinerea</i> (Bushy-tailed Woodrat)	G5	S5					UW
<i>Neotoma lepida</i> (Desert Woodrat)	G5	S4					UW
<i>Ondatra zibethicus</i> (Common Muskrat)	G5	S4					F
<i>Onychomys leucogaster</i> (Northern Grasshopper Mouse)	G5	S4					UW
<i>Peromyscus crinitus</i> (Canyon Deermouse)	G5	S5					UW
<i>Peromyscus maniculatus</i> (North American Deermouse)	G5	S5					UW
<i>Peromyscus truei</i> (Piñon Deermouse)	G5	S3					UW
<i>Phenacomys intermedius</i> (Western Heather Vole)	G5	S5					UW
<i>Reithrodontomys megalotis</i> (Western Harvest Mouse)	G5	S4					UW
<i>Synaptomys borealis</i> (Northern Bog Lemming)	G5	S3		S			UW
Family Dipodidae—jumping mice							
<i>Zapus princeps</i> (Western Jumping Mouse)	G5	S4					UW

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
Family Erethizontidae—New World porcupines							
<i>Erethizon dorsatum</i> (North American Porcupine)	G5	S5					UW
Family Geomyidae—pocket gophers							
<i>Thomomys idahoensis</i> (Idaho Pocket Gopher)	G4	S4					UW
<i>Thomomys talpoides</i> (Northern Pocket Gopher)	G5	S5					UW
<i>Thomomys townsendii</i> (Townsend's Pocket Gopher)	G4G5	S4					UW
Family Heteromyidae—pocket mice and kangaroo rats							
<i>Dipodomys microps</i> (Chisel-toothed Kangaroo Rat)	G5	S4					UW
<i>Dipodomys ordii</i> (Ord's Kangaroo Rat)	G5	S4					UW
Microdipodops megacephalus (Dark Kangaroo Mouse)	G4	S1				Type 2	UW
<i>Perognathus longimembris</i> (Little Pocket Mouse)	G5	S1					UW
<i>Perognathus parvus</i> (Great Basin Pocket Mouse)	G5	S5					UW
Family Muridae—Old World mice and rats							
<i>Mus musculus</i> (House Mouse) I	G5	SNA					
<i>Rattus norvegicus</i> (Norway or Brown Rat) I	G5	SNA					
Family Sciuridae—squirrels							
<i>Ammospermophilus leucurus</i> (White-tailed Antelope Squirrel)	G5	S4					UW
<i>Callospermophilus lateralis</i> (Golden-mantled Ground Squirrel)	G5	S5					PNS
<i>Glaucomys sabrinus</i> (Northern Flying Squirrel)	G5	S4					PNS
Marmota caligata (Hoary Marmot)	G5	S4					UW
<i>Marmota flaviventris</i> (Yellow-bellied Marmot)	G5	S4					UW
<i>Otospermophilus variegatus</i> (Rock Squirrel)	G5	S4					PNS
<i>Sciurus carolinensis</i> (Eastern Gray Squirrel) I	G5	SNA					
<i>Sciurus niger</i> (Eastern Fox Squirrel) I	G5	SNA					
<i>Tamias amoenus</i> (Yellow-pine Chipmunk)	G5	S5					PNS
<i>Tamias dorsalis</i> (Cliff Chipmunk)	G5	S3					PNS
<i>Tamias minimus</i> (Least Chipmunk)	G5	S5					PNS
<i>Tamias ruficaudus</i> (Red-tailed Chipmunk)	G5	S4					PNS
<i>Tamias umbrinus</i> (Uinta Chipmunk)	G5	S4					PNS
<i>Tamiasciurus hudsonicus</i> (Red Squirrel)	G5	S5					PNS
<i>Urocitellus armatus</i> (Uinta Ground Squirrel)	G5	S4					UW
<i>Urocitellus beldingi</i> (Belding's Ground Squirrel)	G5	S4					UW
Urocitellus brunneus (Northern Idaho Ground Squirrel)	G2	S2	T		T	Type 1	T
Urocitellus canus (Columbia Plateau [syn. Merriam's] Ground Squirrel)	G4	S1				Type 2	PNS
<i>Urocitellus columbianus</i> (Columbian Ground Squirrel)	G5	S5					UW
<i>Urocitellus elegans</i> (Wyoming Ground Squirrel)	G5T4	S3					PNS
Urocitellus elegans nevadensis (Wyoming Ground Squirrel [Southwest Idaho pop.]	G5T4	S3					PNS
Urocitellus endemicus (Southern Idaho Ground Squirrel)	G2T2	S2			S	Type 2	PNS
<i>Urocitellus mollis</i> (Great Basin (syn. Piute) Ground Squirrel)	G5	S4				Type 2	PNS
CLASS REPTILIA—REPTILES							
ORDER SQUAMATA—LIZARDS AND SNAKES							
Family Anguillidae—alligator lizards and allies							
<i>Elgaria coerulea</i> (Northern Alligator Lizard)	G5	S4					PNS
Family Crotophytidae—collared and leopard lizards							
Crotaphytus bicinctores (Great Basin Collared Lizard)	G5	S2				Type 2	PNS
<i>Gambelia wislizenii</i> (Long-nosed Leopard Lizard)	G5	S4					PNS
Family Phrynosomatidae—North American spiny lizards							
<i>Phrynosoma douglasii</i> (Pygmy Short-horned Lizard)	G5	S4					PNS
<i>Phrynosoma hernandesi</i> (Greater Short-horned Lizard)	G5	S3					PNS
<i>Phrynosoma platyrhinos</i> (Desert Horned Lizard)	G5	S4					PNS
<i>Sceloporus graciosus</i> (Common Sagebrush Lizard)	G5	S5					PNS
<i>Sceloporus occidentalis</i> (Western Fence Lizard)	G5	S5					PNS
<i>Uta stansburiana</i> (Common Side-blotched Lizard)	G5	S4					PNS

Table A-1. Annotated checklist of Idaho vertebrates, 2015. Continued

Taxon	G-rank	S-rank	ESA	FS R1	FS R4	BLM	IDAPA
Family Scincidae—skinks							
<i>Plestiodon skiltonianus</i> (Western Skink)	G5	S4					PNS
Family Teiidae—whiptails and allies							
<i>Aspidoscelis tigris</i> (Tiger Whiptail)	G5	S4					PNS
Family Boidae—boas							
<i>Charina bottae</i> (Northern Rubber Boa)	G5	S5					PNS
Family Colubridae—colubrids							
<i>Coluber constrictor</i> (North American Racer)	G5	S5					PNS
<i>Coluber taeniatus</i> (Striped Whipsnake)	G5	S4					PNS
<i>Diadophis punctatus</i> (Ring-necked Snake)	G5	S3		S			PNS
<i>Hypsiglena chlorophaea</i> (Desert Nightsnake)	G5	S3					PNS
<i>Pituophis catenifer</i> (Gophersnake)	G5	S5					PNS
<i>Rhinocheilus lecontei</i> (Long-nosed Snake)	G5	S2				Type 2	PNS
<i>Sonora semiannulata</i> (Western Groundsnake)	G5	S3				Type 2	PNS
<i>Thamnophis elegans</i> (Terrestrial Gartersnake)	G5	S5					PNS
<i>Thamnophis sirtalis</i> (Common Gartersnake)	G5	S4					PNS
Family Viperidae—vipers							
<i>Crotalus oreganus</i> (Western Rattlesnake)	G5	S4					UW
<i>Crotalus viridis</i> (Prairie Rattlesnake)	G5	S4					PNS
ORDER TESTUDINES—TURTLES							
Family Chelydridae—snapping turtles							
<i>Chelydra serpentina</i> (Snapping Turtle) I	G5	SNA					I
Family Emydidae—pond turtles							
<i>Chrysemys picta</i> (Painted Turtle)	G5	S3					PNS
<i>Trachemys scripta</i> (Pond Slider) I	G5	SNA					I