

## **Bull Run Species**

### **Mammals**

|                                |                                   |
|--------------------------------|-----------------------------------|
| Black-tailed deer              | <i>Odocoileus hemionus</i>        |
| Elk                            | <i>Cervus canadensis</i>          |
| Black bear                     | <i>Ursus americanus</i>           |
| Mountain lion                  | <i>Felis concolor</i>             |
| Bobcat                         | <i>Lynx rufus</i>                 |
| Coyote                         | <i>Canis latrans</i>              |
| Mink                           | <i>Mustela vison</i>              |
| American marten                | <i>Martes americana</i>           |
| Fisher                         | <i>Martes pennanti</i>            |
| Long-tailed weasel             | <i>Mustela frenata</i>            |
| Vagrant shrew                  | <i>Sorex vagrans</i>              |
| Pacific shrew                  | <i>Sorex pacificus</i>            |
| Pacific water shrew            | <i>Sorex bendirii</i>             |
| Fox shrew                      | <i>Sorex sonomae</i>              |
| Trowbridge's shrew             | <i>Sorex trowbridgii</i>          |
| Baird's shrew                  | <i>Sorex bairdi</i>               |
| Shrew-mole                     | <i>Neurotrichus gibbsii</i>       |
| Townsend's mole                | <i>Scapanus townsendii</i>        |
| Coast mole                     | <i>Scapanus orarius</i>           |
| Raccoon                        | <i>Procyon lotor</i>              |
| Striped skunk                  | <i>Mephitis mephitis</i>          |
| Western spotted skunk          | <i>Spilogale gracilis</i>         |
| Virginia opossum               | <i>Didelphis virginiana</i>       |
| Northern river otter           | <i>Lutra canadensis</i>           |
| American beaver                | <i>Castor canadensis</i>          |
| Mountain beaver                | <i>Aplodontia rufa</i>            |
| Northern flying squirrel       | <i>Glaucomys sabrinus</i>         |
| Douglas' squirrel              | <i>Tamiasciurus douglasii</i>     |
| Western gray squirrel          | <i>Sciurus griseus</i>            |
| Townsend's chipmunk            | <i>Tamias townsendii</i>          |
| Golden-mantled ground squirrel | <i>Spermophilus lateralis</i>     |
| California ground squirrel     | <i>Spermophilus beecheyi</i>      |
| Deer mouse                     | <i>Peromyscus maniculatus</i>     |
| Pacific jumping mouse          | <i>Zapus trinotatus</i>           |
| Bushy-tailed woodrat           | <i>Neotoma cinerea</i>            |
| Western red-backed vole        | <i>Clethrionomys californicus</i> |
| White-footed vole              | <i>Phenacomys albipes</i>         |
| Townsend's vole                | <i>Microtus townsendii</i>        |
| Long-tailed vole               | <i>Microtus longicaudus</i>       |
| Creeping vole                  | <i>Microtus oregoni</i>           |
| Water vole                     | <i>Microtus richardsoni</i>       |
| Common muskrat                 | <i>Ondatra zibethicus</i>         |
| Red tree vole                  | <i>Phenacomys longicaudus</i>     |
| Common porcupine               | <i>Erethizon dorsatum</i>         |
| Brush rabbit                   | <i>Sylvilagus bachmani</i>        |
| Snowshoe hare                  | <i>Lepus americanus</i>           |

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|--------------------------|----------------------------------|
| American pika            | <i>Ochotona princeps</i>         |
| Townsend's big-eared bat | <i>Corynorhinus townsendii</i>   |
| Little brown myotis      | <i>Myotis lucifugus</i>          |
| Yuma myotis              | <i>Myotis yumanensis</i>         |
| Long-eared myotis        | <i>Myotis evotis</i>             |
| Fringed myotis           | <i>Myotis thysanodes</i>         |
| Long-legged myotis       | <i>Myotis volans</i>             |
| Silver-haired bat        | <i>Lasionycteris noctivagans</i> |
| Big brown bat            | <i>Eptesicus fuscus</i>          |
| Hoary bat                | <i>Lasiurus cinereus</i>         |
| Pallid bat               | <i>Antrozous pallidus</i>        |
| California myotis        | <i>Myotis californicus</i>       |
| Western pocket gopher    | <i>Thomomys mazama</i>           |
| Red fox                  | <i>Vulpes vulpes</i>             |
| Common gray fox          | <i>Urocyon cinereoargenteus</i>  |
| Ermine                   | <i>Mustela erminea</i>           |

### Birds

|                               |                                 |
|-------------------------------|---------------------------------|
| Bald Eagle                    | <i>Haliaeetus leucocephalus</i> |
| Golden eagle                  | <i>Aquila chrysaetos</i>        |
| Red-tailed hawk               | <i>Buteo jamaicensis</i>        |
| Northern harrier (marsh hawk) | <i>Circus cyaneus</i>           |
| Sharp-shinned hawk            | <i>Accipiter striatus</i>       |
| Cooper's hawk                 | <i>Accipiter cooperii</i>       |
| Northern goshawk              | <i>Accipiter gentilis</i>       |
| Northern spotted owl          | <i>Strix occidentalis</i>       |
| Barred owl                    | <i>Strix varia</i>              |
| Western screech-owl           | <i>Otus kennicottii</i>         |
| Great gray owl                | <i>Strix nebulosa</i>           |
| Great-horned owl              | <i>Bubo virginianus</i>         |
| Flammulated owl               | <i>Otus flammeolus</i>          |
| Barn owl                      | <i>Tyto alba</i>                |
| Long-eared owl                | <i>Asio otus</i>                |
| Northern saw-whet owl         | <i>Aegolius acadicus</i>        |
| Northern pygmy owl            | <i>Glaucidium gnoma</i>         |
| Turkey vulture                | <i>Cathartes aura</i>           |
| Peregrine falcon              | <i>Falco peregrinus</i>         |
| Merlin                        | <i>Falco columbarius</i>        |
| American kestrel              | <i>Falco sparverius</i>         |
| Osprey                        | <i>Pandion haliaetus</i>        |
| American crow                 | <i>Corvus brachyrhynchos</i>    |
| Common raven                  | <i>Corvus corax</i>             |
| Steller's Jay                 | <i>Cyanocitta stelleri</i>      |
| Scrub Jay                     | <i>Aphelocoma coerulescens</i>  |
| Gray jay                      | <i>Perisoreus canadensis</i>    |
| Yellow-billed magpie          | <i>Pica nuttalli</i>            |
| Common loon                   | <i>Gavia immer</i>              |
| Western grebe                 | <i>Aechmophorus clarkii</i>     |
| Pie-billed grebe              | <i>Podilymbus podiceps</i>      |

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|----------------------------|----------------------------------|
| Mallard duck               | <i>Anas platyrhynchos</i>        |
| Harlequin duck             | <i>Histrionicus histrionicus</i> |
| Wood duck                  | <i>Aix sponsa</i>                |
| Bufflehead duck            | <i>Bucephala albeola</i>         |
| Greater scaup              | <i>Aythya marila</i>             |
| Lesser scaup               | <i>Aythya affinis</i>            |
| Common goldeneye           | <i>Bucephala clangula</i>        |
| Barrow's goldeneye         | <i>Bucephala islandica</i>       |
| Northern Pintail           | <i>Anas acuta</i>                |
| Green-winged teal          | <i>Anas crecca</i>               |
| Common merganser           | <i>Mergus merganser</i>          |
| Hooded merganser           | <i>Lophodytes cucullatus</i>     |
| Canada goose               | <i>Branta canadensis</i>         |
| American dipper            | <i>Cinclus mexicanus</i>         |
| Great blue heron           | <i>Ardea herodias</i>            |
| Green (green-backed) heron | <i>Butorides striatus</i>        |
| American robin             | <i>Turdus migratorius</i>        |
| Varied thrush              | <i>Ixoreus naevius</i>           |
| Swainson's thrush          | <i>Catharus ustulatus</i>        |
| Hermit thrush              | <i>Catharus guttatus</i>         |
| English sparrow            | <i>Passer domesticus</i>         |
| Lincoln's sparrow          | <i>Melospiza lincolnii</i>       |
| Fox sparrow                | <i>Passerella iliaca</i>         |
| White-crowned sparrow      | <i>Zonotrichia leucophrys</i>    |
| Golden-crowned sparrow     | <i>Zonotrichia atricapilla</i>   |
| Chipping sparrow           | <i>Spizella passerina</i>        |
| Savannah sparrow           | <i>Passerculus sandwichensis</i> |
| Song sparrow               | <i>Melospiza melodia</i>         |
| Vesper sparrow             | <i>Poocetes gramineus</i>        |
| Pileated woodpecker        | <i>Dryocopus pileatus</i>        |
| Northern flicker           | <i>Colaptes auratus</i>          |
| White-headed woodpecker    | <i>Picoides albolarvatus</i>     |
| Black-backed woodpecker    | <i>Picoides arcticus</i>         |
| Three-toed woodpecker      | <i>Picoides dorsalis</i>         |
| Red-breasted sapsucker     | <i>Sphyrapicus ruber</i>         |
| Downy woodpecker           | <i>Picoides pubescens</i>        |
| Hairy woodpecker           | <i>Picoides villosus</i>         |
| Bushtit                    | <i>Psaltriparus minimus</i>      |
| Wrentit                    | <i>Chamaea fasciata</i>          |
| Rock wren                  | <i>Salpinctes obsoletus</i>      |
| Bewick's wren              | <i>Thryomanes bewickii</i>       |
| House wren                 | <i>Troglodytes aedon</i>         |
| Winter wren                | <i>Troglodytes troglodytes</i>   |
| Marsh wren                 | <i>Cistothorus palustris</i>     |
| Pygmy nuthatch             | <i>Sitta pygmaea</i>             |
| Red-breasted nuthatch      | <i>Sitta canadensis</i>          |
| White-breasted nuthatch    | <i>Sitta carolinensis</i>        |
| Western gull               | <i>Larus occidentalis</i>        |

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|------------------------------------|-----------------------------------|
| Laughing gull                      | <i>Larus atricilla</i>            |
| Spotted sandpiper                  | <i>Actitis macularia</i>          |
| House finch                        | <i>Carpodacus mexicanus</i>       |
| Cassin's finch                     | <i>Carpodacus cassinii</i>        |
| Pine siskin                        | <i>Carduelis pinus</i>            |
| American goldfinch                 | <i>Carduelis tristis</i>          |
| Purple finch                       | <i>Carpodacus purpureus</i>       |
| Nashville warbler                  | <i>Vermivora ruficapilla</i>      |
| Orange-crowned warbler             | <i>Vermivora celata</i>           |
| Black-throated blue warbler        | <i>Dendroica caerulescens</i>     |
| Yellow-rumped warbler              | <i>Dendroica coronata</i>         |
| Black-throated gray warbler        | <i>Dendroica nigrescens</i>       |
| Hermit warbler                     | <i>Dendroica occidentalis</i>     |
| Townsend's warbler                 | <i>Dendroica townsendi</i>        |
| Yellow warbler                     | <i>Dendroica petechia</i>         |
| Macgillivray's warbler             | <i>Oporornis tolmiei</i>          |
| Wilson's warbler                   | <i>Wilsonia pusilla</i>           |
| Evening grosbeak                   | <i>Coccothraustes vespertinus</i> |
| Black-capped chickadee             | <i>Parus atricapillus</i>         |
| Chestnut-backed chickadee          | <i>Parus rufescens</i>            |
| Mountain chickadee                 | <i>Parus gambeli</i>              |
| Double-crested cormorant           | <i>Phalacrocorax auritus</i>      |
| Oregon junco                       | <i>Junco hyemalis oregonus</i>    |
| Dark-eyed junco                    | <i>Junco hyemalis</i>             |
| Bullock's oriole                   | <i>Icterus bullockii</i>          |
| Northern oriole                    | <i>Icterus galbula</i>            |
| Western bluebird                   | <i>Sialia mexicana</i>            |
| Mountain bluebird                  | <i>Sialia currucoides</i>         |
| Red-winged blackbird               | <i>Agelaius phoeniceus</i>        |
| Brewer's blackbird                 | <i>Euphagus cyanocephalus</i>     |
| Band-tailed pigeon                 | <i>Columba fasciata</i>           |
| Vaux's swift                       | <i>Chaetura vauxi</i>             |
| Cliff swallow                      | <i>Hirundo pyrrhonota</i>         |
| Barn swallow                       | <i>Hirundo rustica</i>            |
| Tree swallow                       | <i>Tachycineta bicolor</i>        |
| Northern rough-winged swallow      | <i>Stelgidopteryx serripennis</i> |
| Violet-green swallow               | <i>Tachycineta thalassina</i>     |
| Belted kingfisher                  | <i>Ceryle alcyon</i>              |
| Rufous hummingbird                 | <i>Selasphorus rufus</i>          |
| Calliope hummingbird               | <i>Stellula calliope</i>          |
| Dusky flycatcher                   | <i>Empidonax oberholseri</i>      |
| Pacific-slope (western) flycatcher | <i>Empidonax difficilis</i>       |
| Willow flycatcher                  | <i>Empidonax traillii</i>         |
| Hammond's flycatcher               | <i>Empidonax hammondii</i>        |
| Olive-sided flycatcher             | <i>Contopus borealis</i>          |
| Western wood-pewee                 | <i>Contopus sordidulus</i>        |
| Bohemian waxwing                   | <i>Bombycilla garrulus</i>        |
| Cedar waxwing                      | <i>Bombycilla cedrorum</i>        |

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|------------------------|----------------------------------|
| Warbling vireo         | <i>Vireo gilvus</i>              |
| Solitary vireo         | <i>Vireo solitarius</i>          |
| Hutton's vireo         | <i>Vireo huttoni</i>             |
| Yellow-breasted chat   | <i>Icteria virens</i>            |
| Brown creeper          | <i>Certhia americana</i>         |
| Golden-crowned kinglet | <i>Regulus satrapa</i>           |
| Ruby-crowned kinglet   | <i>Regulus calendula</i>         |
| Townsend's solitaire   | <i>Myadestes townsendi</i>       |
| Blue grouse            | <i>Dendragapus obscurus</i>      |
| Ruffed grouse          | <i>Bonasa umbellus</i>           |
| California quail       | <i>Callipepla californica</i>    |
| Mountain quail         | <i>Oreortyx pictus</i>           |
| Killdeer               | <i>Charadrius vociferus</i>      |
| Sora                   | <i>Porzana carolina</i>          |
| Common snipe           | <i>Capella gallinago</i>         |
| Mourning dove          | <i>Zenaida macroura</i>          |
| Common poorwill        | <i>Phalaenoptilus nuttallii</i>  |
| Horned lark            | <i>Eremophila alpestris</i>      |
| Clark's nutcracker     | <i>Nucifraga columbiana</i>      |
| Brown-headed cowbird   | <i>Molothrus ater</i>            |
| Western meadowlark     | <i>Sturnella neglecta</i>        |
| Red crossbill          | <i>Loxia curvirostra</i>         |
| Spotted towhee         | <i>Pipilo erythrophthalmus</i>   |
| Black-headed grosbeak  | <i>Pheucticus melanocephalus</i> |
| Lazuli bunting         | <i>Passerina amoena</i>          |
| Western tanager        | <i>Piranga ludoviciana</i>       |
| Purple martin          | <i>Progne subis</i>              |

### Reptiles and Amphibians

|                               |                                |
|-------------------------------|--------------------------------|
| Rough-skin newt               | <i>Taricha granulosa</i>       |
| Pacific giant salamander      | <i>Dicamptodon tenebrosus</i>  |
| Cope's giant salamander       | <i>Dicamptodon copei</i>       |
| Northwestern salamander       | <i>Ambystoma gracile</i>       |
| Red-legged frog               | <i>Rana aurora</i>             |
| Western toad                  | <i>Bufo boreas</i>             |
| Cascades frog                 | <i>Rana cascadae</i>           |
| Oregon spotted frog           | <i>Rana pretiosa</i>           |
| Clouded salamander            | <i>Aneides ferreus</i>         |
| Oregon slender salamander     | <i>Batrachoseps wrighti</i>    |
| Ensatina                      | <i>Ensatina eschscholtzii</i>  |
| Dunn salamander               | <i>Plethodon dunni</i>         |
| Western red-backed salamander | <i>Plethodon vehiculum</i>     |
| Long-toed salamander          | <i>Ambystoma macrodactylum</i> |
| Cascade torrent salamander    | <i>Rhyacotriton cascadae</i>   |
| Tailed frog                   | <i>Ascaphus truei</i>          |
| Pacific treefrog              | <i>Pseudacris regilla</i>      |
| Foothill yellow-legged frog   | <i>Rana boylei</i>             |
| Bullfrog                      | <i>Rana catesbeiana</i>        |
| Painted turtle                | <i>Chrysemys picta</i>         |

|                                  |                                |
|----------------------------------|--------------------------------|
| Western pond turtle              | <i>Clemmys marmorata</i>       |
| Northern alligator lizard        | <i>Elgaria coerulea</i>        |
| Western skink                    | <i>Eumeces skiltonianus</i>    |
| Western fence lizard             | <i>Sceloporus occidentalis</i> |
| Rubber boa                       | <i>Charina bottae</i>          |
| Racer                            | <i>Coluber constrictor</i>     |
| Ringneck snake                   | <i>Diadophis punctatus</i>     |
| Gopher snake                     | <i>Pituophis melanoleucus</i>  |
| Western terrestrial garter snake | <i>Thamnophis elegans</i>      |
| Northwestern garter snake        | <i>Thamnophis ordinoides</i>   |
| Common garter snake              | <i>Thamnophis sirtalis</i>     |

### Fish

|                        |                                    |
|------------------------|------------------------------------|
| Chinook salmon         | <i>Oncorhynchus tshawytscha</i>    |
| Coho salmon            | <i>Oncorhynchus kisutch</i>        |
| Steelhead              | <i>Oncorhynchus mykiss</i>         |
| Rainbow trout          | <i>Oncorhynchus mykiss irideus</i> |
| Cutthroat trout        | <i>Oncorhynchus clarki</i>         |
| Mountain whitefish     | <i>Prosopium williamsoni</i>       |
| Brook trout            | <i>Salvelinus fontinalis</i>       |
| Long-nose dace         | <i>Rhinichthys cataractae</i>      |
| Speckled dace          | <i>Rhinichthys osculus</i>         |
| Pacific lamprey        | <i>Lampetra tridentata</i>         |
| Western brook lamprey  | <i>Lampetra richardsoni</i>        |
| Northern Pikeminnow    | <i>Ptychocheilus oregonensis</i>   |
| Peamouth               | <i>Mylocheilus caurinus</i>        |
| Large-scale sucker     | <i>Catostomus machrocheilus</i>    |
| Bridgelip sucker       | <i>Catostomus columbianus</i>      |
| Torrent sculpin        | <i>Cottus rhotheus</i>             |
| Slimy sculpin          | <i>Cottus cognatus</i>             |
| Mottled sculpin        | <i>Cottis bairdii</i>              |
| Paiute sculpin         | <i>Cottus beldingii</i>            |
| Red-side shiner        | <i>Richardsonius balteatus</i>     |
| Brown-bullhead catfish | <i>Ameiurus nebulosus</i>          |