

NATIVE PASSERINES IN NORTH AMERICAN ZOOS

by Justin C. Hickman

I have compiled the following list of North American passerines housed in North American institutions. It is organised by family and was compiled using the International Species Information System (ISIS) - Species holding database.

The four largest North American passerine collections are those at Cove Forest at River Journey, Tennessee Aquarium; the North American Migratory Songbird Aviary, Columbus Zoo, Ohio; the Laurentian Maple Forest, Biodome de Montreal, Quebec, Canada; North Carolina Zoo, North Carolina.

Passerines

Tyrant Flycatchers (Family Tyrannidae)

Eastern Phoebe *Sayornis phoebe*

Tennessee Aquarium

Queens Zoo

Scissor-tailed Flycatcher *Tyrannus forficatus*

Oklahoma City Zoo

Tulsa Zoo and Living Museum

Western Kingbird *Tyrannus verticalis*

Abilene Zoological Gardens

Eastern Kingbird *Tyrannus tyrannus*

Toledo Zoo

Turtle Back Zoo

Great Crested Flycatcher *Myiarchus crinitus*

Tennessee Aquarium

Oklahoma City Zoo

Shrikes (Family Laniidae)

Loggerhead Shrike *Lanius ludovicianus*

Bronx Zoo

Toronto Zoo

Smithsonian Conservation Biology Institute

Vireos (Family Vireonidae)

Red-eyed Vireo *Vireo olivaceus*

North Carolina Zoo

Tennessee Aquarium

Crows, Jays and Magpies (Family Corvidae)

Blue Jay *Cyanocitta cristata*

Audubon Aquarium of the Americas

Oklahoma City Zoo

North Carolina Zoo

Point Defiance Zoo & Aquarium

Birmingham Zoo

Living Desert State Park

Virginia Aquarium & Marine Science Center

Abilene Zoological Gardens

Dallas Zoo

Assiniboine Park Zoo

Steller's Jay *Cyanocitta stelleri*

Arizona-Sonora Desert Museum

Oregon Zoo

Moonridge Animal Park

Assiniboine Park Zoo

Pinyon Jay *Gymnorhinus cyanocephalus*

Phoenix Zoo

Green Jay *Cyanocorax yncas*

Abilene Zoological Gardens

Houston Zoo

Audubon Zoo

Zoo Miami

Yellow-billed Magpie *Pica nuttalli*

Coyote Point Museum

Los Angeles Zoo

Sacramento Zoo

Chahinkapa Zoo

Black-billed Magpie *Pica hudsonia*

Binghamton Zoo at Ross Park

Bronx Children's Zoo

ZooAmerica

Cleveland Metroparks Zoo

Utah's Hogle Zoo

Kansas City Zoo

Bronx Zoo

San Diego Zoo

SD-WAP

Woodland Park Zoo

Toronto Zoo

Fish Crow *Corvus ossifragus*

Capron Park Zoo

Bronx Children's Zoo

Brookgreen Gardens

Bronx Zoo

Central Florida Zoological Park

American Crow *Corvus brachyrhynchos*

Akron Zoological Park

North Carolina Zoo

Audubon Zoo

Moonridge Animal Park

Binghamton Zoo

Chattanooga Zoo

Brevard Zoo

Boonshoft Museum of Discovery

Palm Beach Zoo at Dreher Park

Erie Zoological Gardens

ZooAmerica

Houston Zoo

Hutchinson Zoo

John Ball Park

Knoxville Zoo

Henry Vilas Zoo

Sunset Zoo

Magnetic Hill Zoo

Nashville Zoo

Orange County Zoo

Bergen County Zoological Park

National Aviary

Project Wildlife

Children's Zoo at Celebration Square

San Francisco Zoological Gardens

Happy Hollow Zoo

Riverside Discovery Center

Silver Spring Park

St Louis Zoo

Tracy Aviary

Tulsa Zoo and Living Museum

Virginia Aquarium & Marine Science Center

Virginia Living Museum

Valley Zoo

Turtle Back Zoo

NY State Zoo

Chihuahuan Raven *Corvus cryptoleucus*

Abilene Zoological Gardens

Arizona-Sonora Desert Museum

Pueblo Zoo

Albuquerque Biological Park

Raven *Corvus corax*

Greater Vancouver Zoo

Potter Park Zoological Gardens

America's Teaching Park

Buttonwood Park Zoo

Connecticut's Beardsley Zoo

Maryland Zoo

Bowmanville Zoological Park

Knoxville Zoo

NZP-WASH

Caldwell Zoo
 Living Desert State Park
 Chehaw Wild Animal Park
 Chicago Zoological Society
 Cheyenne Mountain Zoological Park
 Coyote Point Museum
 Sequoia Park Zoo
 Fort Worth Zoo
 ZooAmerica
 Utah's Hogle Zoo
 Houston Zoo
 Indianapolis Zoo

The Living Desert Zoo
 Philadelphia Zoo
 Phoenix Zoo
 Project Wildlife
 Roger William Park Zoo
 Santa Barbara Zoological Gardens
 Point Defiance Zoo and Aquarium
 Florida Aquarium
 Turtle Back Zoo
 NY State Zoo
 Natural History Museum of Adirondacks
 Willow Park Zoo

Larks (Family Alaudidae)

Horned Lark (Shore Lark) *Eremophila alpestris*

North Carolina Zoo

Swallows (Family Hirundinidae)

Cliff Swallow *Petrochelidon pyrrhonota*

Project Wildlife

Titmice (Family Paridae)

Tufted Titmouse *Baeolophus bicolor*

Tennessee Aquarium

Columbus Zoo and Aquarium

South Carolina Zoo

Virginia Aquarium & Marine Science Center

Carolina Chickadee *Poecile carolinensis*

Tennessee Aquarium

Columbus Zoo and Aquarium

Verdin (Family Remizidae)

Verdin *Auriparus flaviceps*

Arizona-Sonora Desert Museum

Nuthatches (Family Sittidae)

White-breasted Nuthatch *Sitta carolinensis*

Tennessee Aquarium

Minnesota Zoological Garden

Wrens (Family Troglodytes)

House Wren *Troglodytes aedon*

Tennessee Aquarium

Carolina Wren *Thryothorus ludovicianus*

Virginia Aquarium & Marine Science Center

Cactus Wren *Campylorhynchus brunneicapillus*

Arizona-Sonora Desert Museum

Thrushes (Family Turdidae)

Eastern Bluebird *Sialia sialis*

Tennessee Aquarium

Columbus Zoo and Aquarium

Cosley Zoo

Houston Zoo

Hutchinson Zoo

Minnesota Zoological Garden

South Carolina Aquarium

St Louis Zoo

Toronto Zoo

Western Bluebird *Sialia mexicana*

Tracy Aviary

Mountain Bluebird *Sialia currucoides*

Denver Zoo

Wood Thrush *Hylocichla mustelina*

Tennessee Aquarium

Swainson's Thrush *Catharus ustulatus*

Tennessee Aquarium

Columbus Zoo and Aquarium

Hermit Thrush *Catharus guttatus*

Arizona-Sonora Desert Museum

North Carolina Zoo

Biodome de Montreal

Tennessee Aquarium

Cosley Zoo

American Robin *Turdus migratorius*

Abilene Zoological Gardens

Knoxville Zoo

Columbus Zoo and Aquarium

NY Bronx

Cosley Zoo

National Aviary

Coyote Point Museum

South Carolina Aquarium

Dallas Zoo

Florida Aquarium

Queens Zoo

Toledo Zoo

Fort Worth Zoo

Mockingbirds, Thrashers (Family Mimidae)**Grey Catbird *Dumetella carolinensis***

Biodome de Montreal

Tennessee Aquarium

South Carolina Aquarium

Columbus Zoo and Aquarium

Florida Aquarium

Boonshoft Museum of Discovery

Virginia Aquarium & Museum Center

Queens Zoo

Knoxville Zoo

Virginia Living Museum

Northern Mockingbird *Mimus polyglottos*

El Paso Zoo

The Living Desert

Fort Worth Zoo

Tracy Aviary

Oklahoma City Zoological Park

Brown Thrasher *Toxostoma rufum*

Tennessee Aquarium

Virginia Living Museum

Oklahoma Living Museum

Curve-billed Thrasher *Toxostoma curvirostre*

Arizona-Sonora Desert Museum

Living Desert State Park

Chicago Zoological Society

The Living Desert

California Thrasher *Toxostoma redivivum*

Coyote Point Museum

Waxwings (Family Bombycillidae)**Cedar Waxwing *Bombycilla cedrorum***

Biodome de Montreal

Knoxville Zoo

Tennessee Aquarium

Minnesota Zoological Park

Columbus Zoo and Aquarium

Philadelphia Zoo

Towhees, Sparrows and Juncos (Family Emberizidae)**Abert's Towhee** *Pipilo aberti*

North Carolina Zoo

Eastern Towhee *Pipilo erythrophthalmus*

Tennessee Aquarium

Knoxville Zoo

Columbus Zoo and Aquarium

South Carolina Aquarium

Brown Towhee *Pipilo fuscus*

Omaha's Henry Doorly Zoo

Chipping Sparrow *Spizella passerina*

Tennessee Aquarium

Fox Sparrow *Passerella iliaca*

Columbus Zoo and Aquarium

Song Sparrow *Melospiza melodia*

Tennessee Aquarium

Queens Zoo

Columbus Zoo and Aquarium

Minnesota Zoological Park

Harris' Sparrow *Zonotrichia querula*

Columbus Zoo and Aquarium

White-crowned Sparrow *Zonotrichia leucophrys*

Abilene Zoological Park

Coyote Point Museum

White-throated Sparrow *Zonotrichia albicollis*

Biodome de Montreal

Columbus Zoo and Aquarium

Tulsa Zoo and Living Museum

Queens Zoo

Slate-colored Junco *Junco hyemalis*

Tennessee Aquarium

Turtle Back Zoo

Columbus Zoo and Aquarium

Queens Zoo

Virginia Aquarium & Marine Science Center

Cardinals, Grosbeaks and Buntings (Family Cardinalidae)**Northern Cardinal** *Cardinalis cardinalis*

Audubon Aquarium of the Americas

Utah's Hogle Zoo

North Carolina Zoo

Houston Zoo

Central Park

Tennessee Aquarium

South Carolina Aquarium

Chicago Zoological Society

Toledo Zoo

Columbus Zoo and Aquarium

Virginia Aquarium & Marine Science Center

Cosley Zoo

Buttonwood Park Zoo

Queens Zoo

Abilene Zoological Gardens

Oklahoma City Zoo

Pyrrhuloxia *Cardinalis sinuatus*

Arizona-Sonora Desert Museum

Living Desert State Park

North Carolina Zoo

Black-headed Grosbeak *Pheucticus melanocephalus*

Arizona-Sonora Desert Museum

Tracy Aviary

Sequoia Park Zoo

The Living Desert

Rose-breasted Grosbeak *Pheucticus ludovicianus*

Akron Zoological Park
 Biodome de Montreal
 Tennessee Aquarium
 Columbus Zoo and Aquarium
 Knoxville Zoo

Minnesota Zoological Park
 Montgomery Zoo
 Assiniboine Park Zoo
 Tulsa Zoo and Living Museum

Indigo Bunting *Passerina cyanea*

Tennessee Aquarium

Columbus Zoo and Aquarium

Painted Bunting *Passerina ciris*

Fort Worth Zoo

The Living Desert

New World Blackbirds, Grackles and Orioles, etc. (Family Icteridae)**Eastern Meadowlark** *Sturnella magna*

Columbus Zoo and Aquarium

Western Meadowlark *Sturnella neglecta*

Denver Zoo

Red-winged Blackbird *Agelaius phoeniceus*

Columbus Zoo and Aquarium
 Florida Aquarium

Tracy Aviary

Common Grackle *Quiscalus quiscula*

Akron Zoological Park
 Central Park

Queens Zoo
 National Aviary

Boat-tailed Grackle *Quiscalus major*

Palm Beach Zoo

Great-tailed Grackle *Quiscalus mexicanus*

Arizona-Sonora Desert Museum

The Living Desert

Brewer's Blackbird *Euphagus cyanocephalus*

Tracy Aviary

Brown-headed Cowbird *Molothrus ater*

Columbus Zoo and Aquarium

Hooded Oriole *Icterus cucullatus*

Omaha's Henry Doorly Zoological Gardens

Northern Oriole *Icterus galbula*

Biodome de Montreal
 Birmingham Zoo
 Cosley Zoo
 Fort Worth Zoo

Minnesota Zoological Park
 Florida Aquarium
 Toledo Zoo
 Assiniboine Park Zoo

Orchard Oriole *Icterus spurius*

Tennessee Aquarium

National Aviary

Scott's Oriole *Icterus parisorum*

Omaha's Henry Doorly Zoological Gardens

Spot-breasted Oriole *Icterus pectoralis*

MetroZoo

Finches (Family Fringillidae)**Purple Finch** *Carpodacus purpureus*

National Aviary

Cassin's Finch *Carpodacus cassinii*

Tracy Aviary

Pine Grosbeak *Pinicola enucleator*

Calgary Zoo

Pine Siskin *Carduelis pinus*

Biodome de Montreal

Lesser Goldfinch *Carduelis psaltria*

North Carolina Zoo

Tracy Aviary

American Goldfinch *Carduelis tristis*

Biodome de Montreal

Columbus Zoo and Aquarium

Calgary Zoo

Toledo Zoo

Tennessee Aquarium

Virginia Aquarium & Marine Science Center

House Finch *Carpodacus mexicanus*

North Carolina Zoo

Phoenix Zoo

Coyote Point Museum

Project WILDs

Fort Worth Zoo

Toledo Zoo

Utah's Hogle Zoo

Turtle Back Zoo

The Living Desert

Evening Grosbeak *Coccothraustes vespertinus*

Columbus Zoo and Aquarium

El Paso Zoo

References

International Species Information System (ISIS). Species holding [Database]. Retrieved 2011 from: <http://www.isis.org/Pages/findanimals.aspx>

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The following reminiscences were published originally in Foreign Birds in 2007 - 2009. Bernard had just passed his fiftieth consecutive year in active aviculture and, in that time had met and, in many cases, become longstanding friends with many of the luminaries and great characters of the period and in these reminiscences recalls some of the events and individuals that left lasting impressions on him.

HAVING BEEN AN AVICULTURIST FOR FIFTY YEARS Part 1

by Bernard Sayers

My parents were always somewhat puzzled, not to say distraught, by my deep interest in natural history because no other member of the family had the slightest interest in it. Indeed my father seemed to provoke a violent response from the meekest of creatures and I frequently warned him against becoming a lion tamer because I doubted he would survive to his first coffee break. My mother had an antipathy to anything with fur or feathers and could touch neither and my sister regarded all animals as being smelly and noisy. It was therefore fortunate indeed that a local butcher and his wife, Cliff and Win Palmer, took me under their wings. This delightful couple had no children of their own and became like second parents to me. Even better Cliff owned a car, which was something of a rarity in those days and enabled us to visit collections of interest.

When I met Cliff and Win they bred exhibition budgerigars and also bred and trained German Shepherd dogs. Cliff never lost interest in his budgerigars, but under my influence we started to keep and breed pheasants. Cliff converted some of his dog runs into pheasant pens and built another row of pens on the opposite side of his large garden. I, in turn, worked during the school holidays and at weekends to earn enough money to build as many pens as my parents would (under protest) allow me to have in the garden of our home in Chelmsford.

The range of species available had been sadly depleted during the Second World War and up until that time very little new stock had been imported. Our first acquisition, like that of so many pheasant breeders, was a pair of Golden Pheasants *Chrysolophus pictus*. The pair was bought from local farmer, Alf Ashby, who became a good friend. Alf farmed at Smallands Hall, which although only a few miles (kilometres) from Chelmsford, was surprisingly isolated. Indeed from Alf's farm hardly any other houses were visible. This enabled Alf to keep and breed many species at liberty. He had



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