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ANNOTATED CHECK-LIST OF THE BIRDS OF UTAH

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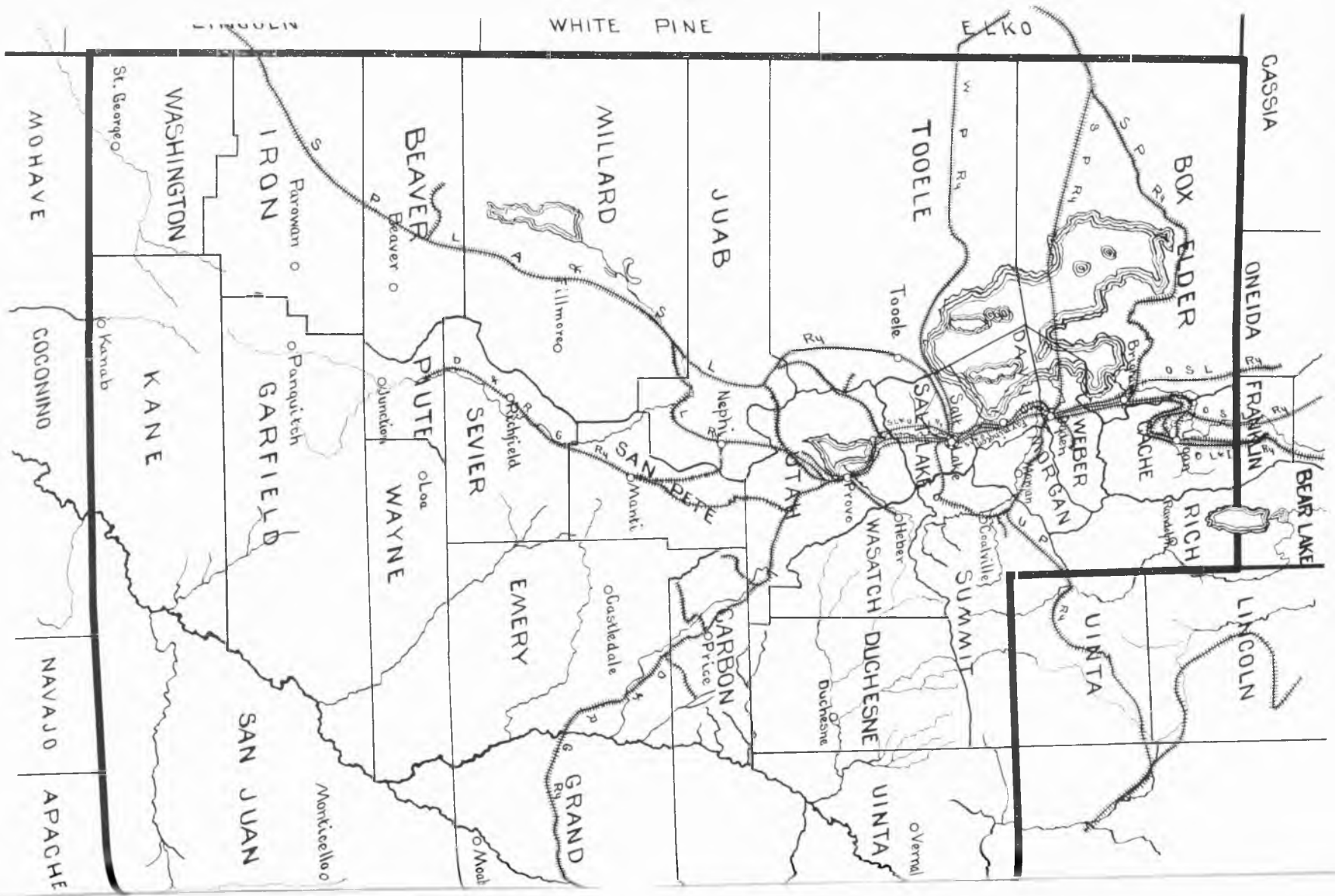
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CASSIA

ONEIDA

LINCOLN

BEAR LAKE

BOX ELDER

CACHE

RICH

UINTA

ELKO

W P R₄

TOOLE

Tooele

SALT LAKE

WASATCH DUCHESNE

UINTA

O'Verral

JUAB

R₄

STAN

CARBON

Office

MILLARD

WHITE PINE

Willmore

SAN BERN

Ogastadale

GRAND

BEAVER

Beaver

SEVIER

Osurnton

PUTE

Oloa

WAYNE

EMERY

O'Moal

IRON

Parowan

GARFIELD

Panguitch

SAN JUAN

Monticello

WASHINGTON

St. George

KANE

Kanab

MOHAVE

COCONINO

NAVAJO

APACHE

LINCOLN

INTRODUCTION*

The following check-list is a by-product of studies made by the writers since 1926 in gathering material for a work on The Birds of Utah which is now completed. The list includes four hundred three kinds of birds (species and subspecies) which are admitted to the actual state list and thirty-three kinds placed under hypothetical status representing introductions of doubtful success, probables, questionables and misidentifications. The total list of all kinds includes four hundred thirty-six names.

In the annotations, the following terms are used to denote abundance, arranged in decreasing order: abundant, common, sparse, casual, rare, and accidental. Casual is approximately equivalent to occasional. Uncommon is sometimes used to denote either sparse or casual. The following terms indicate the time of occurrence in Utah: permanent resident (or simply resident), summer resident or breeder, migrant, winter resident. Transient is sometimes used to indicate a non-breeder when data are insufficient to place it in other categories. Visitant is occasionally used in place of resident when its stay is too short for residence.

In selecting names to be used, the A.O.U. Check-list has been followed in the great majority of cases but in a few instances, where the judgment of the authors warranted, other names have been used. These were mainly cases in which new names had been proposed and the A.O.U. committee had not yet acted or where there was disagreement among workers and a decision had to be made before the matter was settled.

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HISTORICAL NOTES

1853. The first annotated list of thirty-one kinds of birds known to occur in Utah was prepared by Baird (1853:314-325) from specimens obtained by the Stansbury expedition to the Great Salt Lake in 1849-50.
1861. The French Scientists, Remy and Brenchley (2:258), who spent a month in Utah late in 1855 prepared a list of twenty-eight birds from Utah, doubtless compiled from local sources.
1873. Merriam (1873:713-715) published a list of 176 Utah birds compiled from the collections of Ridgway, Allen, Henshaw, and his own specimens taken on the Hayden Survey of 1872.
1874. As a result of the work of Yarrow and Henshaw in Utah in 1872, Henshaw (1874a:1-14 and 1874b:39-54) prepared a list of the birds of Utah territory which contained in its amended form 214 kinds.
1877. When the results of Ridgway's work of 1867-69 were published, he included (1877:386-390) a list of 262 birds encountered on the trip, of which, 237 were found in the Great Basin but he did not distinguish those of Utah from those of Nevada.
- 1899?. Sometime prior to 1900. W. H. Parker and H. C. Johnson published privately for public distribution a check-list of Utah bird eggs, being in effect a check-list of 140 breeding birds of the state.
1927. Cottam prepared a distributional list of the birds of Utah, containing 287 names, as a manuscript for a master's thesis but even though it was not published, access was had to it by interested persons.
1933. Woodbury prepared a key to the birds of Utah, containing 325 names, which was mimeographed and used by classes at the University of Utah for several years and publicly disseminated through the University Book Store. A few were hypothetical.
1944. Behle (Condor 46:67-87) published a compiled check-list of the birds of Utah containing 350 names admitted to the state list, a few of which were of probable or hypothetical occurrence in Utah.
1949. The present check-list contains 436 names, of which 403 are admitted to the actual state list and 33 to the hypothetical list.

ANNOTATED CHECK-LIST OF THE BIRDS OF UTAH

Order **GAVIIFORMES** . . . Loons

Family **Gaviidae** . . . Loons

Gavia immer elasson Bishop . . . Lesser Loon

A sparse but regular spring and fall migrant stopping at ponds or lakes all through the state; also a casual winter and summer visitant, possibly an occasional breeder.

Gavia arctica pacifica (Lawrence) . . . Pacific Loon

A single specimen, doubtless a transient, probably accidental.

Order **COLYMBIFORMES** . . . Grebes

Family **Colymbidae** . . . Grebes

Colymbus auritus Linnaeus . . . Horned Grebe

A sparse migrant, listed as uncommon at the Bear River Refuge; one noted near Salt Lake, January 25, 1948 and two on Chicken Creek Reservoir, Juab Co., April 24, 1948 by C. W. Lockerbie and several others.

Colymbus nigricollis californicus (Heerman) . . . Eared Grebe

A common breeder of marshes around Great Salt, Utah, and Strawberry lakes; a common nocturnal migrant and a straggler in winter all through the state.

Aechmophorus occidentalis (Lawrence) . . . Western Grebe

A migrant known from March 26 to November 21 and a breeder of low valley marshes of northern Utah. Not known south of Juab, Piute, Carbon and Uintah Counties.

Podilymbus podiceps podiceps (Linnaeus) . . . Pied-billed Grebe

A permanent resident of Great and Uinta basins but more numerous in summer than in winter, breeding in lake, marsh or stream edges up to ten thousand feet and wintering in open waters that do not freeze; a migrant elsewhere in the state.

Order **PELECANIFORMES** . . . Totipalmate Swimmers

Family **Pelecanidae** . . . Pelicans

Pelecanus erythrorhynchos Gmelin . . . White Pelican

A breeder in huge colonies on Gunnison and sometimes Hat (Bird) islands in Great Salt Lake, feeding in surrounding fresh waters within one hundred miles; transient elsewhere, usually from March to September, occasionally February to December or stragglers all winter.

Pelecanus occidentalis Linnaeus . . . Brown Pelican

Two observational records near mouth of Jordan River on shores of Great Salt Lake, April 28, 1934 and May 27, 1944. Probably accidental transients, believed to be of the subspecies *californicus* Ridgway.

Family **Phalacrocoracidae** . . . Cormorants

Phalacrocorax auritus auritus (Lesson) . . . Double-crested Cormorant

Intergrades with *albobeciliatus* but nearer *auritus* (Behle, Condor 38:76) Summer resident, regularly breeding on Egg Island in Great Salt Lake since prehistoric times; other colonies are known from Bear Lake (Idaho), Cache Valley, artificial islands at Bear River Refuge and Clear Lake in Millard County; former colonies reported from White Rock and Dolphin islands in Great Salt Lake and at mouth of Hobbie Creek near Utah Lake; transient elsewhere in state.

Order **CICONIIFORMES** . . . Herons, Ibises and AlliesFamily **Ardeidae** . . . Herons, Egrets, and Bitterns*Ardea herodias treganzai* Court . . . Treganza's Blue Heron

Type locality: Egg Island, Great Salt Lake, Utah.

Common summer resident, breeding in colonies in Cache Valley, at mouths of Bear and Jordan rivers, islands in Great Salt Lake, borders of Utah Lake, at Clear Lake in Millard County and at mouth of Ashley Creek in Uinta County; migrant through the state and a rare or casual winter resident.

Casmerodius albus egretta (Gmelin) . . . American Egret

A casual migrant or wanderer throughout the state especially in April-May, and September-October.

Leucophoyx thula brewsteri (Thayer and Bangs) . . . Brewster's Snowy Egret

A common summer resident breeding in the marshes around Great Salt, Bear and Clear lakes, Cache Valley and sparingly at Ashley Creek marshes on Green River, but shows considerable wandering and migration all through the state. All snowy egrets of the state regarded as of this race.

Butorides virescens virescens (Linnaeus) . . . Eastern Green Heron

A sparse summer resident breeding in the marshes at mouth of Bear River; probably around Bear Lake and may be expected elsewhere. Specimen at Acad. Nat. Sciences Phila.

Butorides virescens anthonyi (Mearns) . . . Anthony's Green Heron

A sparse summer resident, breeding in streamside vegetation in Virgin River Valley and possibly in Kane County at Kanab.

Nycticorax nycticorax hoactli (Gmelin) . . . Black-crowned Night Heron

A common summer resident, especially in the Great Basin, breeding around Great Salt and Utah lakes, in Cache Valley, at Hay Springs in Beaver County and at Ashley Creek marshes on Green River, possibly elsewhere, but shows considerable wandering and migration all through the state, occasionally remaining over winter.

Botaurus lentiginosus (Montagu) . . . American Bittern

Intermediate between *lentiginosus* and *pecti*, nearer the latter.

A common summer resident throughout most of state in marshes and suitable stream edges, especially in Great Basin around large bodies of water, usually staying from March to September, occasionally all winter, but shows some wandering and migration.

Ixobrychus exilis hesperis Dickey and Van Rossem . . . Western Least Bittern

A sparse summer resident known by specimen from Virgin River Valley and as a breeder in marshes around Great Salt Lake.

Family **Ciconiidae** . . . Storks and Wood Ibises*Mycteria americana* Linnaeus . . . Wood Ibis

A more or less regular though sparse summer postbreeding wanderer all through the state, particularly in marshes, occasionally on streams.

Family **Threskiornithidae** . . . Ibises and Spoonbills*Plegadis mexicana* (Gmelin) . . . White-faced Glossy Ibis

A common summer resident, breeding around the mouths of Bear and Jordan rivers near Great Salt Lake; usually from April to September; migrant elsewhere through the state.

Ajaia ajaja (Linnaeus) . . . Roseate Spoonbill

Accidental. Barnes (Auk 1919:565) reported a flock of five at a ranch at Wendover July 2, 1919, from which a specimen was collected and mounted; now at University of Utah.

Order **ANSERIFORMES** . . . Screamers, Swans, Geese, Ducks

Family **Anatidae** . . . Swans, Geese and Ducks

Subfamily **Cygninae** . . . Swans

Cygnus columbianus (Ord) . . . Whistling Swan

A common migrant and winter resident often concentrating in huge flocks of thousands of individuals in marshes around Great Salt Lake.

Cygnus buccinator Richardson . . . Trumpeter Swan

Formerly common, probably resident; now a rare straggler into northern Utah.

Subfamily **Anserinae** . . . Geese

Branta canadensis moffitti Aldrich . . . Great Basin Canada Goose

Common summer resident, breeding throughout most of the state as far south as Wayne County, in marshes or suitable water edges; common migrant and winter resident often concentrating in large flocks, especially around Great Salt Lake.

Branta canadensis leucopareia (Brandt) . . . Lesser Canada Goose

Sparse migrant and winter resident, often mixed with Great Basin Canada Goose.

Branta hutchinsii hutchinsii (Richardson) . . . Hutchins' Cackling Goose

Regular but uncommon transient, probably migrant, possibly remaining for winter, usually mixed with Canada Geese. Believed to be distinct species from *canadensis*.

Branta hutchinsii minima Ridgway . . . Alaskan Cackling Goose

Casual migrant or winter resident based on birds killed by hunters and reports of observations by hunters and field men.

Branta bernicla nigricans (Lawrence) . . . Black Brant

Accidental. Two birds killed at Bear River Marshes in winter of 1913 and a sight record by Yarrow in 1872.

Anser albifrons albifrons (Scopoli) . . . White-fronted Goose

Casual migrant; most of the 15 or 20 records fall in periods September 28 to November 10 and March to May 6.

Anser albifrons gambeli Hartlaub . . . Tule Goose

A single specimen from Virgin River and hunters' reports in Bear River Marshes suggest that it is an uncommon transient.

Chen hyperborea hyperborea (Pallas) . . . Lesser Snow Goose

Common migrant throughout the state, but especially around Great Salt Lake where large concentrations usually occur for a few weeks between late February and early May and between late September and early December; occasionally stragglers remain all winter.

Chen caerulescens (Linnaeus) . . . Blue Goose

One record (Marshall, Condor 1937:128) of a single bird observed at Bear River Marshes, October 13, 1936.

Chen rossi (Cassin) . . . Ross's Goose

Casual migrant, known mainly from the marshes around Great Salt Lake.

Subfamily **Dendrocygninae** . . . Tree-ducks

Dendrocygna bicolor helva Wetmore and Peters . . . Fulvous Tree-duck

Probably accidental; one specimen and a dubious record from Bear River Marshes.

Subfamily **Anatinae** . . . Surface-feeding Ducks*Anas platyrhynchos platyrhynchos* Linnaeus . . . Common Mallard

Permanent resident, breeding in shallow waters throughout the state except low valleys of southern Utah; common migrant everywhere and a less common winter resident of lowland waters.

Anas rubripes Brewster . . . Common Black Duck

Casual migrant and winter resident, both native and introduced. Most specimens have been hybrid crosses with mallard.

Anas strepera Linnaeus . . . Gadwall

Common summer resident from mid-February to mid-November; breeding abundantly in northern Utah, sparingly in the south; common migrant and sparse winter resident.

Anas acuta tzitzihou Vieillot . . . American Pintail

Common summer resident of northern Utah; breeding at many altitudes, the males deserting females and gathering in flocks when incubation begins; abundant during migration throughout the state, many remaining in winter until freeze-up, occasionally all winter.

Anas carolinensis Gmelin . . . Green-winged Teal

Uncommon summer resident of northern Utah, breeding in many altitudes up to 10,000 feet; great concentrations occur in migration throughout the state, usually from March 1 to April 15 and September 1 to December 1; sparse winter resident, but more numerous in southern Utah at this season.

Anas discors Linnaeus . . . Blue-winged Teal

Sparse summer resident, breeding as far south as Beaver County; more numerous in migration throughout the state; small numbers may remain for winter. 8 noted by Russell K. Grater at Duck Creek, Kane Co., Jan. 16, 1942.

Anas cyanoptera cyanoptera Vieillot . . . Cinnamon Teal

Common summer resident; one of the most common breeders throughout the state; common in migration; small numbers remain for winter in southern Utah.

Spatula clypeata (Linnaeus) . . . Shoveller

Common summer resident breeding abundantly in edge of marshes around Great Salt Lake and sparingly elsewhere in northern Utah; common in migration throughout the state, often concentrating in large numbers in Great Salt Lake Valley, usually leaving before the freeze-up.

Mareca americana (Gmelin) . . . Baldpate

Uncommon summer resident breeding sparingly in northern Utah as far south as Millard County; common migrant and winter resident.

Aix sponsa (Linnaeus) . . . Wood Duck

Casual transient; formerly a summer resident, probably breeding near mouth of Bear River.

Subfamily **Aythiinae** . . . Diving Ducks*Aythya americana* (Eyton) . . . Redhead

Summer resident throughout the state, breeding in marshes with deep channels of water, common in northern Utah, more sparingly in the south; formerly much more common; common in migration with great concentrations in August.

Aythya collaris (Donovan) . . . Ring-necked Duck

Rare summer resident in northern Utah; casual migrant throughout the state; occasional winter resident.

Aythya valisineria (Wilson) . . . Canvas-back

Uncommon breeder of the Great Salt Lake Valley; common migrant throughout the state, usually abundant in Great Salt Lake marshes in March-April and October-November; uncommon winter resident.

Aythya marila nearctica Stejneger . . . Greater Scaup Duck
Uncommon migrant through the state; possibly a rare winter visitant of southern Utah.

Aythya affinis (Eyton) . . . Lesser Scaup Duck
Rare summer resident of northern Utah, breeding in marshes around Great Salt Lake and probably elsewhere in the state; common in migration usually in March-April and October-November all through the state; sparse winter resident.

Bucephala clangula americana (Bonaparte) . . . American Golden-eye
Common migrant through the state, mainly around the larger bodies of water, usually from late February to late April and late October to December; winter resident in small numbers.

Bucephala islandica (Gmelin) . . . Barrow's Golden-eye
Casual migrant and winter visitant.

Bucephala albeola (Linnaeus) . . . Buffle-head
Uncommon migrant, mainly from late February to late April and mid-October to early December; sparse winter resident; occasional summer resident but no proof of nesting.

Clangula hyemalis (Linnaeus) . . . Old Squaw
Rare transient of northern Utah, known only from Cache, Great Salt Lake and Utah valleys.

Histrionicus histrionicus pacificus Brooks . . . Western Harlequin Duck
A record of two birds taken near Brigham April 13, 1913.

Melanitta fusca deglandi (Bonaparte) . . . White-winged Scoter
Casual fall migrant around large bodies of water in northern Utah.

Melanitta perspicillata (Linnaeus) . . . Surf Scoter
Rare transient in Great Salt Lake and Utah valleys.

Subfamily **Oxyurinae** . . . Ruddy Ducks

Oxyura jamaicensis rubida (Wilson) . . . Ruddy Duck
Common summer resident, breeding near deep waters over much of the state, especially in northern Utah; more common in migration from late February to early May and from September to November; occasional in winter.

Subfamily **Merginae** . . . Mergansers

Lophodytes cucullatus (Linnaeus) . . . Hooded Merganser
Sparse migrant through Utah, occasionally wintering in the state; possibly a rare summer resident.

Mergus merganser americanus Cassin . . . American Merganser
Casual summer resident, suspected of breeding (one positive record); uncommon migrant throughout the state mainly from mid-February to early May and early October to December, occasionally remaining all winter.

Mergus serrator Linnaeus . . . Red-breasted Merganser
Rare summer resident, suspected of breeding but no positive evidence; uncommon migrant throughout the state, mainly from late February to late April and early October to December, occasionally remaining all winter.

Order **FALCONIFORMES** . . . Birds of Prey

Family **Cathartidae** . . . American Vultures

Cathartes aura teter Friedmann . . . Western Turkey Vulture
Uncommon summer resident from late March to late October all through the state, more numerous in the south, breeding in widely spaced territories; rare winter resident in Virgin River Valley.

Gymnogyps californianus (Shaw) . . . California Condor

One definite record near Beaver, November 25, 1872 (Henshaw 1875:428) and rumors of its occurrence on sheep winter range in Iron County suggest that it has in the past paid occasional visits to southwestern Utah in search of carrion.

Family **Accipitridae** . . . Hawks, Eagles and Allies*Accipiter gentilis atricapillus* (Wilson) . . . Eastern Goshawk

Uncommon resident, breeding in the mountains of northern Utah, perhaps farther south also; sometimes descending into valleys for winter; more common in migration.

Accipiter gentilis striatulus (Ridgway) . . . Western Goshawk

A single specimen known, taken at head of Mill Creek Canyon, Salt Lake County, September 4, 1938 by Woodbury. Doubtless transient.

Accipiter striatus velox (Wilson) . . . Sharp-shinned Hawk

Common resident throughout the state, breeding mainly in streamside or canyon head thickets of tall shrubs or small trees; more common in migration; less common in winter.

Accipiter cooperii (Bonaparte) . . . Cooper's Hawk

Common summer resident throughout the state; more common in migration; sparse or rare in winter.

Buteo jamaicensis calurus Cassin . . . Western Red-tailed Hawk

Common resident throughout the state in both valleys and mountains, but intergrades with *fuertesi* in the eastern part of the state.

Buteo lineatus elegans Cassin . . . Red-bellied Hawk

Rare or accidental in Colorado Basin of southeastern Utah. Only one record from Utah at Elgin, Grand County (Knowlton and Harmston, Proc. Ut. Acad. 1943:589), but there are two records as well as bones from an archaeological excavation dated between 1400 and 1600 A.D., all from the Navajo Country in northeastern Arizona (Woodbury and Russell, 1945:37).

Buteo swainsoni Bonaparte . . . Swainson's Hawk

Common summer resident, April 12 to November 11, mainly in valleys; a large migrant flock noted by Woodbury west of Utah Lake, Apr. 12, 1936.

Buteo lagopus s. johannis (Gmelin) . . . American Rough-leg

Sparse migrant and winter resident throughout the state, but records are missing from southeastern Utah.

Buteo regalis (Gray) . . . Ferruginous Rough-leg

Common summer resident of valleys and deserts, occasionally of mountain cliffs throughout the state; sparse winter resident.

Aquila chrysaetos canadensis (Linnaeus) . . . Golden Eagle

Resident throughout the state, breeding mainly around cliffs, less common now than formerly.

Haliaeetus leucocephalus washingtonii (Audubon) . . . Northern Bald Eagle

Formerly sparse, now rare resident; more common in winter indicating migration. One specimen has a wing measurement of 24 inches.

Circus cyaneus hudsonius (Linnaeus) . . . Marsh Hawk

Common resident around marshy areas; abundant in migration, especially in foothills and valleys throughout the state; less common in winter.

Family **Pandionidae** . . . Ospreys*Pandion haliaëtus carolinensis* (Gmelin) . . . Osprey

Casual summer resident at a few high mountain lakes of northern and central Utah; casual transient elsewhere in state, especially around fishing waters.

Family **Falconidae** . . . Falcons*Falco mexicanus* Schlegel . . . Prairie Falcon

Common permanent resident, nesting in cliffs at all altitudes and commonly found around flats and valleys; less numerous in winter; there is, doubtless, a good deal of post-breeding wandering.

Falco peregrinus anatum Bonaparte . . . Duck Hawk

Sparse permanent resident throughout state, nesting in high cliffs, especially those within reach of marshes or ponds where waterbirds congregate.

Falco columbarius columbarius Linnaeus . . . Eastern Pigeon Hawk

Sparse migrant or winter resident.

Falco columbarius richardsonii Ridgway . . . Richardson's Pigeon Hawk

May be a rare migrant. One specimen (USNM 60617) was taken at Boxelder Creek, Utah.

Falco columbarius bendirei Swann . . . Western Pigeon Hawk

Sparse breeder of mountains of northeastern Utah; sparse migrant and winter resident throughout the state.

Falco sparverius sparverius Linnaeus . . . American Sparrow Hawk

Common permanent resident throughout the state from valley bottoms to timberline, nesting in cliffs, trees, large buildings, or holes in banks; abundant in migration; less numerous in winter.

Order **GALLIFORMES** . . . Gallinaceous BirdsFamily **Tetraonidae** . . . Grouse and Ptarmigans*Dendragapus obscurus obscurus* (Say) . . . Dusky Blue Grouse

Common resident in mountains throughout the state, mainly in coniferous forests, aspens or other deciduous trees of the mountains.

Bonasa umbellus incana Aldrich and Friedmann . . . Hoary Ruffed Grouse

Type locality: Barclay in Parley's Canyon, 15 miles east of Salt Lake City. Common resident of streamsides and shrubs of mountains of northern Utah, south to San Pete County.

Pediocetes phasianellus columbianus (Ord) . . . Columbian Sharp-tailed Grouse

Sparse resident in certain original grassland areas of Boxelder, Cache, Rich. Weber and Morgan counties; formerly much more widespread.

Centrocercus urophasianus (Bonaparte) . . . Sage Hen

Common resident of many sagebrush areas throughout the state; much of its original habitat displaced by cultivation, consequently much restricted in its range and numbers.

Family **Phasianidae** . . . Partridges, Pheasants and Quails*Lophortyx californica* (Shaw) . . . California Quail

Two or three races repeatedly introduced since 1870 into many parts of the state from Kane and Grand counties northward and now established in many valleys. Probably nearest to race *californica* but some specimens lie close to the unrecognized race *orecta* and a pair from Ogden taken in 1883 were typical of *brunnescens*.

Lophortyx gambelii gambelii Gambel . . . Gambel's Quail

Permanent resident of southern Utah in the Virgin River drainage up to 5800 feet and in the northwest side of the Colorado River drainage as far north as Wayne County, in areas that afford dense brush for cover.

Lophortyx gambelii sana Mearns . . . Olathe Gambel's Quail

Permanent resident of eastern Utah southeast of the Colorado River at Moab.

Phasianus colchicus Linnaeus . . . Ring-necked Pheasant

Introduced into Uinta Basin in 1900, into Salt Lake Valley in 1912 and since 1923 has been distributed to all counties from state game farm; now a very common resident in nearly all irrigated sections.

Order **GRUIFORMES** . . . Cranes, Rails and AlliesFamily **Gruidae** . . . Cranes*Grus canadensis canadensis* (Linnaeus) . . . Little Brown Crane

Probably a regular migrant but indistinguishable in observation from *tabida*. Only one specimen, taken at Lehi in March, 1936 by Hutchings (BYU), but doubtless a regular migrant through state, often concentrating in large numbers in spring and fall near Tremonton, Boxelder County, and in Utah Valley. These are likely to belong to both races.

Grus canadensis tabida (Peters) . . . Sandhill Crane

Formerly common summer resident of northern Utah; now casual breeder in western Juab and probably western Millard counties, around Utah Lake and probably at Strawberry Reservoir; doubtless a regular migrant in small numbers.

Family **Rallidae** . . . Rails, Gallinules and Coots*Rallus limicola limicola* Vieillot . . . Virginia Rail

Common summer resident, common migrant and sparse winter resident in tules of ponds and marshes throughout the state.

Porzana carolina Linnaeus . . . Sora Rail

Common summer resident throughout the state in tules of ponds and marshes and certain types of meadows and boggy areas of higher altitudes; common migrant and sparse winter resident.

Porphyryla martinica (Linnaeus) . . . Purple Gallinule

Accidental. A single specimen was taken near Salt Lake City, November 28, 1924, by Sugden and a single bird observed in Salt Creek Canyon 4 miles east of Nephi, July 10, 1939 by Ross Hardy.

Gallinula chloropus cachinnans Bangs . . . Florida Gallinule

A single record of a single bird observed at the Ogden Bay Refuge, northwest of Hooper, Weber County, on June 24, 1947, by Cottam and Low.

Fulica americana americana Gmelin . . . American Coot

Abundant summer resident, breeding on nearly all ponds, lakes and streams bearing tules or tall meadow vegetation throughout the state; more abundant in migration; sparse winter resident in low altitudes.

Order **CHARADRIIFORMES** . . . Shore Birds, Gulls and AlliesFamily **Charadriidae** . . . Plovers, Turnstones and Surf-birds*Squatarola squatarola* (Linnaeus) . . . Black-bellied Plover

Uncommon migrant in marshes around Great Salt, Utah and Strawberry lakes, perhaps elsewhere, mainly from mid-April to late May and early August to mid-October.

Pluvialis dominica dominica (Muller) . . . American Golden Plover

Casual migrant through the state; several records in early May and from mid-September to late October. A specimen that established subspecies taken at Bear River Marshes, Sept. 19, 1932 by A. V. Hull (UU).

Charadrius hiaticula semipalmatus Bonaparte . . . Semipalmated Plover

Casual migrant through the state; several records from March 11 to May 13 and early August to September.

Charadrius alexandrinus nivosus (Cassin) . . . Western Snowy Plover

Common summer resident, breeding on the alkali flats around bodies of water in the Great Basin from Millard County north and casually around Bear Lake; more common in migration; extreme dates, April 3 to October 9.

Charadrius vociferus vociferus Linnaeus . . . Killdeer

Abundant summer resident throughout the state in nearly all watered valleys up to 8000 feet; abundant in migration; sparse winter resident at open waters, especially around springs.

Eupoda montana (Townsend) . . . Mountain Plover
Casual migrant. Observation records from Boxelder, Weber, Salt Lake and Daggett counties.

Arenaria interpres morinella (Linnaeus) . . . Ruddy Turnstone
Rare or casual migrant, known only from Great Salt Lake Valley.

Family *Scelopacidae* . . . Woodcock, Snipe and Sandpipers

Bartramia longicauda (Bechstein) . . . Upland Plover
Ridgway (1877:611) reported several on the Kamas Prairie, Summit County in July, 1869 and Stanford (Proc. Utah Acad., 1931:4) observed one near Salina, April 16, 1930.

Numenius americanus americanus Bechstein . . . Long-billed Curlew
Common summer resident of northern Utah from late March to September (stragglers until November), breeding extensively around the borders of marshes and lakes from Millard County northward; migrant through the state.

Numenius americanus parvus Bishop . . . Northern Curlew
Casual migrant through the state; specimens taken in April, July 26, August 19, and November 19.

Limosa fedoa (Linnaeus) . . . Marbled Godwit
Common migrant, especially numerous around Great Salt and Utah lakes in April-May and July to mid-September; no available evidence of breeding in Utah.

Totanus flavipes (Gmelin) . . . Lesser Yellow-legs
Common migrant through the state, mainly from mid-March to early May and mid-July to mid-September.

Totanus melanoleucus (Gmelin) . . . Greater Yellow-legs
Common migrant through the state, mainly in April-May and July-September but there are casual records in March, June, October, November and even December.

Tringa solitaria cinnamomea (Brewster) . . . Western Solitary Sandpiper
Casual summer resident, breeding in Uintah and Kane counties, perhaps elsewhere; sparse migrant through the state.

Actitis macularia (Linnaeus) . . . Spotted Sandpiper
Common summer resident from late April to late September, breeding on nearly all the stream, lake or pond edges, probably in every county of the state and from mountain streams at 10,000 to the Colorado River at 3200 feet; more common in migration; stragglers reported in winter, January 1, 1939.

Catoptrophorus semipalmatus inornatus (Brewster) . . . Western Willet
Common summer resident, breeding in the grassy alkaline flats bordering water edges in the valleys of the Great Basin from Millard County north, mainly from late March to early October; common in migration.

Limnodromus griseus griseus (Gmelin) . . . Eastern Dowitcher
Casual but probably regular migrant through the state; available dates are May 20, July 21, August, September 17, 30.

Limnodromus griseus scolopaceus (Say) . . . Long-billed Dowitcher
Abundant migrant through state, concentrating in large flocks mainly in Great Salt Lake and Utah Lake valleys, recorded from March 29 to May 13 and August 13 to November 5, but stragglers as late as December 12. This race is here used to include specimens identifiable as *fasciatus* (Brodtkorb Proc. Biol. Soc. Wash. 1933:125) and *hendersoni* (Rowan, Auk, 1932:22).

Capella gallinago delicata (Ord) . . . Wilson's Snipe
Common summer resident in suitable habitat throughout the state; common migrant; sparse winter resident around open springs, streams or grassy meadows.

Micropalama himantopus (Bonaparte) . . . Stilt Sandpiper

Casual migrant; a specimen in 1893 labelled "Utah", a sight record of several at Bear River Marshes, July 26, 1932 and a specimen from Moab in 1936 (UU).

Calidris canutus rufus (Wilson) . . . American Knot

Erratic migrant, some years recorded in large flocks up to 1500, often associated with black-bellied plover; recorded April 28 to May 22 and August 13 to September 21.

Crocethia alba (Pallas) . . . Sanderling

Regular migrant through Utah, concentrating on bodies of water in flocks up to 1000; recorded from April 14 to June 11 and August 3 to October 13.

Erolia melanotos (Vicillot) . . . Pectoral Sandpiper

Regular migrant through Utah, noted mainly in Great Salt Lake valley, sparingly elsewhere; two spring records from March 21 to May 5 and 25 from June 20 to October 7.

Erolia bairdii (Coues) . . . Baird's Sandpiper

Common migrant through Utah, noted mainly in Great Salt Lake Valley but also elsewhere, recorded from March 9 to September 23, but are most numerous in spring and late summer.

Erolia minutilla (Vieillot) . . . Least Sandpiper

Abundant migrant through Utah, concentrating in large numbers on the mud flats of Salt Lake and Utah valleys and elsewhere, common in April-May and August-September but it is recorded every month in the year; stragglers in summer; casual winter resident.

Erolia alpina pacifica (Coues) . . . Red-backed Sandpiper

Casual but regular migrant through Utah, known mainly from Salt Lake, Utah and Uinta valleys, recorded from May 1 to 26 and August 11 to November 18.

Ereunetes pusillus (Linnaeus) . . . Semipalmated Sandpiper

Casual migrant through Utah, usually associated in Least and Western sandpiper flocks; specimens from Utah, Juab, Sevier and Uintah counties.

Ereunetes mauri Cabanis . . . Western Sandpiper

Abundant migrant through Utah, particularly in the Salt Lake and Utah valleys, recorded from March 15 to May 14 and June 27 to October 12.

Family **Recurvirostridae** . . . Avocets and Stilts*Himantopus mexicanus* (Muller) . . . Black-necked Stilt

Common summer resident, breeding on the alkaline flats of Salt Lake and Utah valleys, mainly from April to October inclusive, but extremes range from March 9 to November 16.

Recurvirostra americana Gmelin . . . Avocet

Abundant summer resident, breeding on the alkaline flats in Salt Lake and Utah valleys in northern Utah, recorded from March 6 to December 21; migrant elsewhere.

Family **Phalaropodidae** . . . Phalaropes*Phalaropus fulicarius* (Linnaeus) . . . Red Phalarope

Accidental. A single record (Hayward, Wils. Bull. 1937:304) of two specimens taken near St. George on Virgin River, October 14, 15, 1934.

Steganopus tricolor Vieillot . . . Wilson's Phalarope

Common summer resident in the Great Basin from Millard County north, breeding in the grass or sedge borders of water, recorded from March 30 to September 15; abundant in migration, mainly in April-May and late July-August.

Lobipes lobatus (Linnaeus) . . . Northern Phalarope

Abundant migrant, sometimes concentrating in enormous flocks on Great Salt Lake, the surrounding marshes or elsewhere in the state, but usually in smaller flocks, mainly in April-May and late July-August, but recorded in every month from April 11 to October 7, which indicates some casual summer residents but there is no evidence of breeding.

Family *Stercorariidae* . . . Jaegers and Skuas*Stercorarius parasiticus* (Linnaeus) . . . Parasitic Jaeger

Casual migrant, known from the Bear River Marshes from two specimens taken September 2, 1932 and October 8, 1934, and observations August 21, 25, 1934, September 1941 and September 1942.

Stercorarius longicaudus Vieillot . . . Long-tailed Jaeger

Accidental. Two records. Fisher (Auk 1937:389) reported a single bird at Bear River Marshes, October 3, 1926. C. C. Sperry collected a specimen (USNM) at Bear River Refuge, August 29, 1944.

Family *Laridae* . . . Gulls and Terns*Larus delawarensis* Ord . . . Ring-billed Gull

Common winter resident in the Salt Lake valley; transient elsewhere; casual summer resident, possibly a casual breeder but no conclusive evidence.

Larus argentatus smithsonianus Coues . . . Herring Gull

Rare summer visitant; casual migrant and winter visitant in Salt Lake and Utah valleys; 20 records between September 27 and May 9 and two records in July.

Larus californicus Lawrence . . . California Gull

Abundant summer resident of Great Salt Lake and Utah valleys, breeding in huge colonies on islands in the two lakes and on dykes and artificial islands in marshes east of Great Salt Lake; migrant elsewhere in the state; uncommon winter resident; young of the year migrate to the Pacific coast and usually do not return until ready to breed, two or three years later.

Larus hyperboreus Gunnerus . . . Glaucous Gull

Rare or accidental. Two birds observed repeatedly from February 22 to April 15, 1934 at mouth of Provo River on Utah Lake, one taken for specimen (BYU), reported by Johnson (Wils. Bull. 1935:160). Probably of subspecies *hyperboreus*.

Larus pipixcan Wagler . . . Franklin's Gull

Common summer resident, breeding in the marshes at mouth of Bear River near Great Salt Lake; migrant elsewhere in state; recorded extremes from April 2 to October 22.

Larus philadelphia (Ord) . . . Bonaparte's Gull

Casual migrant and winter visitant as far south as Utah and Carbon counties, possibly farther; about thirty records between August 24 and May 12, some in flocks up to fifty in number.

Xema sabini sabini (Sabine) . . . Sabine's Gull

Accidental. Male specimen (MCZ) taken by Allen near Ogden, September 28, 1871.

Chlidonias niger surinamensis (Gmelin) . . . Black Tern

Summer resident of northern Utah, probably as far south as Millard County, commonly breeding in marshes around Great Salt Lake, casually breeding elsewhere; migrant through the state; recorded extremes from April 17 to October 2.

Hydroprogne caspia (Pallas) . . . Caspian Tern

Summer resident in northern Utah, breeding in colonies on Rock Island in Utah Lake; a few nest in Bear River Marshes and Farmington Bay; formerly on Hat Island in Great Salt Lake; recorded from April 5 to September 21.

Sterna hirundo hirundo Linnaeus . . . Common Tern

Sparse migrant, known from marshes around Great Salt Lake; recorded May 27 and from September 7 to early November.

Sterna forsteri Nuttall . . . Forster's Tern

Common summer resident of northern Utah, breeding mainly from May 25 to June 20 in the marshes around lakes as far south as Millard County; recorded extreme dates from March 27 to October 20.

Family **Alcidae** . . . Auks, Murres and Puffins*Synthliboramphus antiquus* (Gmelin) . . . Ancient Murrelet

Accidental. Specimen (mounted) taken by Hutchings at Jordan River near Lehi, Utah County, December 21, 1925.

Order **COLUMBIFORMES** . . . Pigeon-like BirdsFamily **Columbidae** . . . Pigeons and Doves*Columba fasciata fasciata* Say . . . Band-tailed Pigeon

Sparse summer resident, common locally, reported mainly from pine forests of La Sal, Abajo, Navajo, Zion Canyon and Pine Valley Mountains in southern Utah but also in Duchesne and Salt Lake Counties, probably breeding where found.

Columba livia Gmelin . . . Rock Dove or Domestic Pigeon

Permanent resident, domesticated at human habitations, but escaped from domestication and breeding casually in rocks and cliffs.

Zenaida asiatica mearnsi (Ridgway) . . . White-winged Dove

One record, probably accidental; noted in East Canyon, Morgan Co. by C. W. Lockerbie and four others on August 1, 1939.

Zenaidura macroura marginella (Woodhouse) . . . Western Mourning Dove

Common summer resident at altitudes below coniferous forests throughout the state, occasionally higher, usually from early April to late September, but extreme dates are March 2 and October 13, except for casual winter records in the valleys; sometimes in huge winter flocks in Virgin River Valley.

Order **CUCULIFORMES** . . . Cuckoo-like BirdsFamily **Cuculidae** . . . Cuckoos, Roadrunners and Anis*Coccyzus americanus occidentalis* Ridgway . . . California Cuckoo

Sparse summer resident, breeding in streamside or cultivated trees and willows of the lower valleys and canyons of the state from May 25 to September 6 or longer.

Geococcyx californianus (Lesson) . . . Roadrunner

Permanent resident, breeding in the desert lowland areas of the Virgin River Valley and sparingly upward into southern Iron and Kane counties.

Order **STRIGIFORMES** . . . OwlsFamily **Tytonidae** . . . Barn Owls*Tyto alba pratincola* (Bonaparte) . . . Barn Owl

Probably resident, widely distributed in the state, particularly in valleys of lower altitudes, probably more common than records indicate because of nocturnal habits; known to breed from Boxelder to Kane and Washington counties.

Family **Strigidae** . . . Typical Owls*Otus flammeolus flammeolus* (Kaup) . . . Flammulated Screech Owl

Sparse summer resident, known from May 5 to Oct. 26, widely distributed in forested areas throughout the state; known to breed in woodpecker holes.

Otus asio inyoensis Grinnell . . . Great Basin Screech Owl

Common resident throughout most of the state, breeding mainly in the streamside and cultivated trees of the larger valleys below coniferous forests.

Otus asio mychophilus Oberholser . . . Grand Canyon Screech Owl

One specimen (BYU) possibly a transient from northern Arizona taken at St. George, Washington County in November 1933. May occur in southeastern Utah.

- Bubo virginianus lagophonus* (Oberholser) . . . Northwestern Horned Owl
Casual migrant, two records from Boxelder and Washington counties, September 10, 1932 and October 22, 1933.
- Bubo virginianus pacificus* Cassin . . . Pacific Horned Owl
A single specimen taken at Perry, Boxelder County, November 25, 1933.
- Bubo virginianus pallescens* Stone . . . Western Horned Owl
Common resident in southern Utah, intergrading northward and giving way to *occidentalis* about Beaver and Grand counties; numerous in the cliffs and ledges of the rough country along the Colorado Basin.
- Bubo virginianus occidentalis* Stone . . . Montana Horned Owl
Common resident in northern and central Utah, intergrading with and giving way to *pallescens* in the southern part, breeding throughout its range in trees or ledges.
- Nyctea scandiaca* (Linnaeus) . . . Snowy Owl
Rare winter resident; sporadic.
- Glaucidium gnoma pinicola* Nelson . . . Rocky Mt. Pygmy Owl
Uncommon resident in timbered areas of the state, mainly in coniferous forests, but known from the lowlands. This subspecies is maintained on the assurance from Dr. J. W. Aldrich that two races are distinct.
- Speotyto cunicularia hypugaea* (Bonaparte) . . . Western Burrowing Owl
Locally common colonial resident, breeding in burrows in open valleys and deserts throughout the state; more common in migration.
- Strix occidentalis lucida* (Nelson) . . . Mexican Spotted Owl
Sparse resident of southern Utah, known to breed in San Juan and Washington counties.
- Asio otus wilsonianus* (Lesson) . . . Long-eared Owl
Common resident throughout the state, breeding in pigmy conifers and streamside thickets of the lower altitudes below coniferous forests.
- Asio flammeus flammeus* (Pontoppidan) . . . Short-eared Owl
Resident, breeding mainly in marshes but sometimes nesting among weeds, sagebrush or greasewood near water, known as far south as Beaver County, but known in winter to Washington County; many records.
- Aegolius acadicus acadicus* (Gmelin) . . . Saw-whet Owl
Sparse resident throughout the state among aspens, pigmy conifers and streamside forest below coniferous forest.

Order **CAPRIMULGIFORMES** . . . Goatsuckers and Allies

Family **Caprimulgidae** . . . Nighthawks and Poor-wills

- Chordeiles acutipennis texensis* Lawrence . . . Texas Nighthawk
Sparse summer resident of the low Virgin River Valley of southwestern Utah, at least from May 6 to August 14.
- Chordeiles minor minor* (Forster) . . . Eastern Nighthawk
One specimen, a migrant, from a flock containing *hesperis*, near Midway, Wasatch County, by Behle, June 9, 1944 (UU) (Behle, Condor 1948:71).
- Chordeiles minor hesperis* Grinnell . . . Pacific Nighthawk
Summer resident of western and central Utah, breeding mainly in the Great Salt Lake Basin and central mountains, known mainly from May 27 to October 12 but a straggler was seen as late as November 5.
- Chordeiles minor sennettii* Coues . . . Sennett's Nighthawk
Rare migrant; two specimens known, taken near Provo August 29, 1931 (Hayward, Great Basin Nat. 1940:94) and near Jensen, Uintah county, September 21, 1937 (Twomey 1942:402).

- Chordeiles minor howelli* Oberholser . . . Howell's Nighthawk
 Summer resident breeding in the Uinta Basin, intergrading westward with *hesperis* and southward with *henryi*; migrant elsewhere in state.
- Chordeiles minor henryi* Cassin . . . Western Nighthawk
 Summer resident, breeding in southeastern Utah, intergrading northward with *howelli*, probably westward with *hesperis*; transient elsewhere in state.
- Phalaenoptilus nuttallii nuttallii* (Audubon) . . . Nuttall's Poor-will
 Summer resident from April to October, breeding at almost any altitude from valley to timberline.

Order **APODIFORMES** . . . Swifts and Hummingbirds

Family **Apodidae** . . . Swifts

- Chaetura pelagica* (Linnaeus) . . . Chimney Swift
 A single specimen taken west of Kaysville, Davis County, May 7, 1912 by Claude T. Barnes (UU).
- Chaetura vauri vauri* (Townsend) . . . Vaux's Swift
 A dried mummy of a single bird trapped sometime during late spring or summer of 1939 at the bottom of a stovepipe in a cabin at Jordan Fur Farm, Davis County, was discovered by Mrs. C. W. Lockerbie, October 28, 1939 (UU).
- Aeronautes saxatalis saxatalis* (Woodhouse) . . . Western White-throated Swift
 Summer resident throughout the state except in northeast from early April to late September, breeding in colonies in high cliffs, very common in the rough country.
- Aeronautes saxatalis sclateri* Rogers . . . Northeastern White-throated Swift
 Summer resident of northeastern Utah from early April to late September, breeding in the high cliffs of the Uintah Basin.

Family **Trochilidae** . . . Hummingbirds

- Archilochus alexandri* (Bourcier and Mulsant) . . . Black-chinned Hummingbird
 Casual summer resident from early April to early October from lower coniferous forest downward, more common in the valleys and in southern Utah.
- Calypte costae* (Bourcier) . . . Costa's Hummingbird
 Summer resident of the lowland of the Virgin River Valley in southwestern Utah, below about 4200 feet altitude; earliest record March 29.
- Selasphorus platycercus platycercus* (Swainson) . . . Broad-tailed Hummingbird
 Abundant summer resident of the state, breeding mainly in the mountains above 6000 feet (occasionally lower) and migrating through the lowlands; known extremes from late March to early September.
- Selasphorus rufus* (Gmelin) . . . Rufous Hummingbird
 Late summer migrant at any altitude, common at flower patches, especially in July or August, but recorded June 23 to September 16; possibly casual breeder of northern Utah.
- Stellula calliope* (Gould) . . . Calliope Hummingbird
 Sparse summer resident, known from April 5 to October, breeding in the mountains and migrating through the lowlands.

Order **CORACIIFORMES** . . . Kingfishers

Family **Alcedinidae** . . . Kingfishers

- Megasceryle alcyon caurina* (Grinnell) . . . Western Belted Kingfisher
 Inhabitant of water edges, where it perches for fishing on limbs overhanging the water, breeding in horizontal burrows in banks; more common in migration from 2700 to 10,000 feet altitude; casual winter resident. On the basis of one specimen, taken near Heber in Wasatch County, Twomey (1942: 406) referred the birds of the Uinta Basin to *alcyon*.

Order **PICIFORMES** . . . Woodpeckers and AlliesFamily **Picidae** . . . Woodpeckers*Colaptes cafer* (Gmelin) x *auratus* (Linn) . . . Hybrid Flicker

Hybrids between *C. cafer* and *C. auratus* in Utah appear to be both casual breeders and casual migrants but status not clear; specimens from Boxelder, Cache and San Pete counties; observations from Davis, Salt Lake, Millard and Washington counties.

Colaptes cafer collaris Vigors . . . Red-shafted Flicker

Common permanent resident of forests, woods and brush throughout the state, mainly in mountains in summer and lowlands in winter, but also showing indications of latitudinal migration.

Hylatomus pileatus picinus (Bangs) . . . Western Pileated Woodpecker

Rare resident, based upon a skin from Bluff on San Juan River in cottonwoods, May 21, 1892; an observation in Fishlake Mts. in fir-oak-juniper vegetation, August 22, 1941; and an observation in Uinta Mountains among yellow pine, August 10, 1943.

Melanerpes erythrocephalus caurinus Brodkorb . . . Western Red-headed Woodpecker

Rare or casual migrant, possibly summer resident in northern Utah as far south as Uintah County; several records.

Asyndesmus lewis Gray . . . Lewis' Woodpecker

Permanent resident, breeding in the deciduous trees of valley floors and moving to the oak brush and streamside trees for winter; some latitudinal migration through the state.

Sphyrapicus varius nuchalis Baird . . . Red-naped Sapsucker

Summer resident of the mountains throughout state usually above 7,000 feet; common migrant through lowland streamside and cultivated trees; casual winter resident.

Sphyrapicus thyroideus nataliae (Malherbe) . . . Natalie's Sapsucker

Common summer resident of coniferous forests of the mountains, descending to valleys in migration; casual winter resident.

Dendrocopos villosus monticola Anthony . . . Rocky Mountain Hairy Woodpecker

Common permanent resident in forest and wooded areas of northern and eastern Utah from Raft River to La Sal Mountains, showing some altitudinal migration; intergrades to the southwest with *D. v. leucothorectis*.

Dendrocopos villosus leucothorectis Oberholser . . . White-breasted Hairy Woodpecker

Common permanent resident in forest and wooded areas southwest from Beaver, Wayne and San Juan counties, showing altitudinal migration and is probably absent in summer below 4,000 feet.

Dendrocopos pubescens leucurus (Hartlaub) . . . Rocky Mountain Downy Woodpecker

Sparse permanent resident in mountains of state, breeding in the aspens and spreading downward in winter to streamside forests and cultivated trees.

Dendrocopos scalaris yumanensis Van Rossem . . . Yuma Ladder-backed Woodpecker

Resident in lowlands of Virgin River drainage in southwestern Utah, mainly in streamside forest but also in Joshua trees and cactuses.

Picoides tridactylus dorsalis Baird . . . Alpine Three-toed Woodpecker

Permanent resident of high mountains throughout the state, breeding in the coniferous forests from about 8,700 feet up to timberline.

Order **PASSERIFORMES** . . . Perching BirdsFamily **Tyrannidae** . . . Tyrant Flycatchers*Tyrannus tyrannus hespericola* Oberholser . . . Western Kingbird

Summer resident among trees of streambanks, lake edges or near wet meadows from mid-May to early September; common in Cache and Salt Lake Valleys, sparse or casual elsewhere; no records from extreme southern Utah beyond Wayne and Millard counties.

Tyrannus verticalis Say . . . Arkansas Kingbird

Common summer resident throughout the state from mid-April to early September, breeding among trees, preferably deciduous trees near water, but sometimes in pigmy conifers.

Tyrannus vociferans vociferans Swainson . . . Cassin's Kingbird

Common summer resident of southern Utah and sparingly northward through the state from late April through August, breeding preferably among the pigmy conifers but also in deciduous streamside or cultivated trees.

Muscivora forficata (Gmelin) . . . Scissor-tailed Flycatcher

A single bird was observed among sagebrush and other low bushes as it "sky-rocketed" after insects and returned to perch near Snyderville in Parley's Park, Summit county on June 11, 1948 by Guy Emerson, Charles Lockerbie and Kenneth Tanner.

Myiarchus cinerascens cinerascens (Lawrence) . . . Ash-throated Flycatcher

Common summer resident of southern Utah and sparingly northward through the state from late April through August, breeding among brush and scrub trees of the lower altitudes of the state.

Sayornis nigricans semiatra (Vigors) . . . Northern Black Phoebe

Sparse resident of the low valleys of the Virgin River drainage in Washington County and of the Kanab region in Kane County, usually in open trees or brush near streams or fields.

Sayornis saya saya (Bonaparte) . . . Say's Phoebe

Common summer resident of the low open valleys and the foothills throughout the state, known from March 7 to October 13, breeding usually among low brush or scattered trees but usually nesting in ledges, holes in banks, bridges or unused cabins; casual in winter in Carbon and Washington Counties, doubtless elsewhere also.

Sayornis saya yukonensis Bishop . . . Yukon Phoebe

Rare or casual transient.

Empidonax traillii brewsteri Oberholser . . . Little Flycatcher

Common summer resident throughout the state from May 3 to September 10, breeding in streamside willows of the lower altitudes below 7000 feet, except in Virgin River Valley where it is replaced by *extimus*.

Empidonax traillii extimus Phillips . . . Desert Flycatcher

Summer resident of the Virgin River Valley, breeding in streamside vegetation from Springdale to St. George (Allan R. Phillips, Auk 1948:512).

Empidonax hammondii (Xantus) . . . Hammond's Flycatcher

Sparse summer resident breeding in the coniferous forests of Wasatch and Uinta Mountains of northern Utah, perhaps farther south through the state, known from May 19 to September 19.

Empidonax wrightii Baird . . . Wright's Flycatcher

Common summer resident throughout the state, known from April 28 to September 10, breeding mainly in the submontane shrubs and in aspens in lower edge of conifers, usually 6,500 to 8,500 feet; lower in migration.

Empidonax griseus Brewster . . . Gray Flycatcher

Common summer resident through much of the state, known from April 28 to September 15, breeding in the pigmy conifers from May to August, when it spreads into sagebrush, greasewood or streamside trees.

Empidonax difficilis difficilis Baird . . . Western Flycatcher

Sparse summer resident of the Raft River Mountains in extreme north-western part of Utah and possibly in the desert mountain ranges of the Great Basin along the west side of the state.

Empidonax difficilis hellmayri Brodtkorb . . . Texas Flycatcher

Sparse summer resident from the Wasatch Mountains south and east throughout the state from May 27 to October 9, breeding in open glades in canyons or on ledgy slopes or canyon heads containing trees and brush, nesting in holes in ledges or hollow trees or about buildings.

Contopus richardsonii richardsonii (Swainson) . . . Western Wood Pewee

Common summer resident of the mountains throughout the state, breeding mainly in aspens in the coniferous forests and in streamside trees, sparingly downward; migrates through the lowlands; known from May 6 to September 13.

Nuttallornis borealis (Swainson) . . . Olive-sided Flycatcher

Sparse summer resident of mountains throughout the state, breeding in coniferous forests; common in migration at all altitudes from timberline down to lowest valleys; known from May 16 to September 21.

Pyrocephalus rubinus flammeus Van Rossem . . . Western Vermilion Flycatcher

Sparse permanent resident of the Virgin River Valley in Washington County and possibly around Kanab in Kane County, breeding in orchards and probably in mesquite and wash willows.

Family **Alaudidae** . . . Larks*Eremophila alpestris arctica* (Oberholser) . . . Pallid Horned Lark

A single specimen taken near Salt Lake City by the Stansbury Expedition, March 18, 1850 (Baird, 1852:318 in Stansbury Report) and a specimen taken at Ogden, examined by Oberholser (Proc. U. S. Nat. Mus. 1902:817).

Eremophila alpestris hoyti (Bishop) . . . Hoyt's Horned Lark

A single specimen (one out of five) taken at Camp Floyd, March 12, 1859, reported by Baird (1876:359) in Simpson's Report of his expedition.

Eremophila alpestris leucolaema Coues . . . Desert Horned Lark

Common summer resident of the Uinta Basin, breeding in the open desert flats with scanty vegetation; intergrades southward through the Colorado River Basin with *occidentalis*; in winter distributed throughout the state.

Eremophila alpestris merrillii (Dwight) . . . Dusky Horned Lark

Rare winter resident; 4 specimens from Salt Lake and Washington counties taken in winter from January 8 to February 14 assigned to this race.

Eremophila alpestris utahensis (Behle) . . . Great Salt Lake Horned Lark

Type locality: 10 miles west of Salt Lake City Airport, near Saltair Resort, Great Salt Lake.

Common permanent resident of the Great Basin west of the Wasatch Mountains, breeding in the open desert flats with scanty vegetation on the basin floor and probably on open flats with scanty vegetation on the Wasatch Plateau at 10,000 feet; in winter, casual in Colorado River Basin.

Eremophila alpestris occidentalis (McCall) . . . Montezuma Horned Lark

Breeding birds from the Navajo Country in northeastern Arizona and northward in the Colorado River Basin in southern and southeastern Utah show a long series of intergradations with *leucolaema*, but most of the specimens seem to lie nearer this race.

Family **Hirundinidae** . . . Swallows*Tachycineta thalassina lepida* Mearns . . . Violet-green Swallow

Common summer resident throughout the state, known from April 10 to September 28, breeding at any altitude from 3,000 to 10,000 feet in suitable cliffs or hollow trees in forests; more common in migration, sometimes in huge flocks.

Iridoprocne bicolor (Vieillot) . . . Tree Swallow

Sparse summer resident throughout Utah, known from February 16 to September 8, breeding primarily in the aspens of the mountains, but known to nest in artificial bird houses near Great Salt Lake; common in migration.

Riparia riparia riparia (Linnaeus) . . . Bank Swallow

Summer resident throughout the state as far south as Kane County, known from April 17 to September 18, breeding in colonies in sandy banks, mainly in valleys of 4000 to 6000 feet; common in migration, sometimes in huge flocks.

Stelgidopteryx ruficollis serripennis (Audubon) . . . Rough-winged Swallow

Sparse summer resident in valleys throughout Utah known from March 8 to September 28, breeding in small groups in sand or earth banks; more common in migration, in small or large flocks.

Hirundo rustica erythrogaster Boddaert . . . Barn Swallow

Common summer resident throughout Utah, known mainly from April 8 to September 28, but stragglers have been reported as late as December 20, breeding in small groups on cliffs or substitute buildings or bridges, mainly in valleys and foothills; more common in migration, often in large flocks.

Petrochelidon pyrrhonota arophata Oberholser . . . Oregon Cliff Swallow

Summer resident of northwestern Utah, at least in Box Elder and Tooele counties. This name is used on assurance from Dr. J. W. Aldrich that it is distinct from *hypopolia*.

Petrochelidon pyrrhonota albifrons (Rafinesque) . . . Southwestern Cliff Swallow

Abundant summer resident throughout most of Utah except the northwest corner, known from April 9 to September 9, breeding in large colonies on cliffs or substitute buildings or bridges; from 4500 feet to 10,000 feet altitude in migration, often in huge flocks.

Progne subis subis (Linnaeus) . . . Purple Martin

Sparse summer resident in mountains of Utah, known from May 20 to August 21, breeding in colonies in aspens of the coniferous forests; known in a huge flock during migration, Aug. 11, 1945.

Family **Corvidae** . . . Jays, Magpies and Crows*Perisoreus canadensis capitalis* Ridgway . . . Rocky Mountain Jay

Type locality: Head of Henry's Fork, Uinta Mountains, Utah.
Permanent resident of coniferous forests of the high mountains throughout Utah as far south as Cedar Breaks, Iron County.

Cyanocitta stelleri annectens (Baird) . . . Black-headed Crested Jay

Resident in mountains of extreme northern Utah, intergrading southward with *macrolopha*, breeding in coniferous forests of the mountains; possibly farther south in winter.

Cyanocitta stelleri macrolopha Baird . . . Long-crested Jay

Resident in mountains of Utah, except southwest corner, intergrading in northern Utah with *annectens*, breeding in coniferous forests of the mountains; descends in winter along streamside forests to valley edges. This includes the unrecognized race *cottami* Oberholser with type locality at Provo, Utah.

Cyanocitta stelleri percontatrix Van Rossem . . . Nevada Crested Jay

Resident in conifers of Pine Valley Mountains in southwest corner of Utah.

Aphelocoma coerulescens woodhouseii (Baird) . . . Woodhouse's Scrub-Jay

Common permanent resident in foothills through Utah east of the Great Basin deserts, breeding in the submontane shrub belt and sparingly downward into the pigmy conifers and streamside thickets; lower in winter.

Aphelocoma coerulescens nevadae Pitelka . . . Nevada Scrub Jay

Resident in the submontane shrubs of the mountains of western Utah rising out of the Great Basin deserts west of the Wasatch Mountains and probably in southwestern Utah.

- Pica pica hudsonia* (Sabine) . . . American Magpie
Permanent resident, sparse in southern Utah, common or abundant in places in northern Utah, mainly in valleys, benchlands or lower mountain slopes, breeding in thick brush or trees.
- Corvus corax sinuatus* Wagler . . . American Raven
Common resident throughout Utah, mainly at low altitudes, breeding in cliffs or trees, foraging mainly over areas with sparse or scanty vegetative cover.
- Corvus brachyrhynchos hesperis* Ridgway . . . Western Crow
Winter resident from October to April, mainly of valleys, usually concentrated in flocks of hundreds or thousands of individuals, with very spotted distribution; probably a casual or rare breeder in northern Utah.
- Gymnorhinus cyanocephalus cassinii* McCall . . . Western Pinon Jay
Common permanent resident of the pigmy conifers throughout the state.
- Nucifraga columbiana* (Wilson) . . . Clark's Nutcracker
Common or sparse permanent resident of the coniferous forests of the mountains, breeding early among the snow, wandering downward after the breeding season into pigmy conifers.

Family **Paridae** . . . Chickadees, Titmice, Verdins and Bush-Tits

- Parus atricapillus septentrionalis* Harris . . . Long-tailed Chickadee
Common permanent resident of tall shrub or woodland vegetation of the mountains, breeding in eastern Utah as far south as La Sal Mountains and as far west as the Wasatch Mountains; less common in the south.
- Parus atricapillus nevadensis* (Linsdale) . . . Pallid Black-capped Chickadee
Common permanent resident of woodland or tall shrubs of mountains, moving upward in summer and downward in winter; occurs throughout western Utah, less common in extreme south.
- Parus gambeli gambeli* Ridgway . . . Gambel's Mountain Chickadee
Common permanent resident of mountains throughout Utah except in southwest, breeding mainly in the coniferous forest and descending in winter to streamside vegetation of foothills and valleys; in extreme southern Utah, it appears to spread to pigmy conifers in summer.
- Parus gambeli inyoensis* (Grinnell) . . . Inyo Mountain Chickadee
Resident in the mountains of western Utah.
- Parus inornatus griseus* (Ridgway) . . . Gray Titmouse
Type locality: Iron City (now deserted), Iron County, Utah.
Common permanent resident in the pigmy conifers throughout Utah.
- Auriparus flaviceps acaciarum* Grinnell . . . Grinnell's Verdin
Sparse or casual resident in the Virgin River Valley of southwestern Utah.
- Psaltriparus minimus plumbeus* (Baird) . . . Lead-colored Bush-tit
Common permanent resident throughout Utah except in the southwest, in the pigmy conifers, overflowing slightly upward into oak brush or ponderosa pines and downward into sagebrush.
- Psaltriparus minimus providentialis* Arvey . . . Providence Bush-tit
Resident in southwestern Utah (Behle, Condor 1948:75).

Family **Sittidae** . . . Nuthatches

- Sitta carolinensis nelsoni* Mearns . . . Rocky Mountain Nuthatch
Sparse permanent resident throughout Utah, breeding mainly in coniferous forests of the mountains, but also in ponderosa pines, pigmy conifers and cottonwoods, wherever holes in hollow trees are available for nesting sites; probably some wandering after the breeding season.

Sitta canadensis Linnaeus . . . Red-breasted Nuthatch

Common resident in mountains throughout Utah, breeding in coniferous forests, nesting in hollow trees, chiefly aspens; usually some movement in migration, perhaps sporadically; less common in winter.

Sitta pygmaea melanotis Van Rossem . . . Black-eared Pygmy Nuthatch

Common permanent resident of ponderosa pine forests, mainly in southern Utah, but usually found wherever the forests occur; possibly an exception in Pine Valley Mountains of southern Utah.

Sitta pygmaea canescens Van Rossem . . . Nevada Pygmy Nuthatch

Hardy (Wils. Bull. 1941:236) reports this race as resident in the Pine Valley Mountains of southwestern Utah. Behle (Bull. UU 1943:54) questions its occurrence on the basis of different specimens, which may have been vagrant.

Family **Certhiidae** . . . Creepers*Certhia familiaris montana* Ridgway . . . Rocky Mountain Creeper

Common resident of mountains throughout Utah except in the southwest, breeding in coniferous forests but drifting downward in winter into wooded areas of lower altitudes.

Certhia familiaris leucosticta Van Rossem . . . Nevada Brown Creeper

Resident in the mountains of southwestern Utah.

Family **Cinclidae** . . . Dippers*Cinclus mexicanus unicolor* Bonaparte . . . Dipper or Water Ouzel

Common resident of clear mountain streams throughout the state, breeding on stream banks in top-covered nests in ledges, bridges or buildings and migrating altitudinally along the streams or possibly some shifting from stream to stream. Less common in winter.

Family **Troglodytidae** . . . Wrens*Troglodytes aedon parkmanni* Audubon . . . Western House Wren

Summer resident throughout Utah, known from April 1 to September 13 breeding in wooded areas and nesting in hollow trees, woodpecker holes or substitutes.

Troglodytes troglodytes pacificus Baird . . . Western Winter Wren

Rare resident in northern Utah and rare winter resident in southern Utah.

Thryomanes bewickii eremophilus Oberholser . . . Desert Bewick Wren

Common resident, breeding in the pigmy conifers throughout Utah, but spreading afterward sparingly into streamside thickets, Joshua trees or possibly into nearby shrubs; less numerous in winter.

Campylorhynchus brunneicapillus couesi Sharpe . . . Northern Cactus Wren

Sparse resident of Washington County, in the lower Sonoran deserts of the Virgin River drainage, breeding in the cholla cactuses and Joshua trees and using the top-covered nests as roosting places in winter.

Telmatodytes palustris aestuarinus Swarth . . . Suisun Long-billed Marsh Wren

Resident in marshes of southwestern Utah, at least in Kane and Washington counties (Behle, Condor 50:75).

Telmatodytes palustris plesius (Oberholser) . . . Western Marsh Wren

Common or abundant summer resident and sparse winter resident of the Great and Uinta Basins, breeding in cattails and rushes of lowland marshes; migrant elsewhere in the state.

Catherpes mexicanus conspersus Ridgway . . . Canyon Wren

Abundant resident of cliffs in southeastern Utah, common, sparse or casual elsewhere in state breeding in crevices of cliff faces ranging from 2500 to 9000 feet altitudes.

Salpinctes obsoletus obsoletus (Say) . . . Common Rock Wren

Common or abundant summer resident, breeding in rocky outcrops or ledges at any altitude from 2500 to 11,000 feet; sparse winter resident in same habitat at low altitudes.

Family **Mimidae** . . . Mockingbirds and Thrashers*Mimus polyglottos leucopterus* (Vigors) . . . Western Mockingbird

Sparse summer resident throughout Utah, mainly from April to September, but extremes in Washington County run from March 4 to October 10, breeding in tall bushes or scattering trees of low hot dry valleys, more numerous along the Virgin River.

Dumetella carolinensis ruficrissa Aldrich . . . Western Catbird

Common summer resident throughout northern Utah, known from May 5 to October 30, breeding in dense thickets of streamside or other shrubbery from 4500 to 7000 feet altitude.

Toxostoma rufum longicauda Baird . . . Western Brown Thrasher

Grantham (Zion-Bryce Nature Notes 1936:85) repeatedly trapped a single bird December 6 to 9, 1935 in his bird-banding operations in Zion Canyon, Washington County; either accidental or rare.

Toxostoma bendirei (Coues) . . . Bendire's Thrasher

Sparse summer resident of Garfield, San Juan and Kane counties, breeding in the low hot open valleys. Bee and Hutchings (Great Basin Naturalist 1942:78) report a questionable nesting in willows on the shore of Utah Lake entirely out of its usual habitat.

Toxostoma lecontei lecontei Lawrence . . . Leconte's Thrasher

Probably rare resident in mesquite and Joshua tree areas of Washington County, recorded from Shunes Creek and Beaver Dam Slope.

Toxostoma dorsale coloradense Van Rossem . . . Pallid Crissal Thrasher

Sparse resident of Washington County near St. George and Santa Clara, inhabiting tall brush or streamside trees in low hot valleys.

Oreoscoptes montanus (Townsend) . . . Sage Thrasher

Common or abundant summer resident throughout Utah, known from March 25 to October 16, breeding in the sagebrush of valley edges, slopes and plateaus and the greasewoods of alkaline flats; common in migration.

Family **Turdidae** . . . Thrushes, Bluebirds and Solitaires*Turdus migratorius propinquus* Ridgway . . . Western Robin

Abundant summer resident throughout the state, ubiquitous in distribution, breeding mainly in open forest of any type from 2800 feet up to timberline; sparse winter resident, of spotted distribution, mainly in flocks.

Ixoreus naevius meruloides (Swainson) . . . Northern Varied Thrush

Observed at Jordan Park on Jordan River in Salt Lake City on December 22 and 29, 1946 and on January 1, 1947 by Kenneth Tanner, Mr. and Mrs. Lockerbie and several others.

Hylocichla guttata guttata (Pallas) . . . Alaska Hermit Thrush

Casual migrant, recorded May 8, 9, September, October 9, 11, 12.

Hylocichla guttata nanus (Audubon) . . . Dwarf Hermit Thrush

Presnall (Proc. Utah Acad. 1935:205) reported a single specimen from Zion Canyon, taken among fall migrants.

Hylocichla guttata oromela Oberholser . . . Cascade Hermit Thrush

Casual migrant, 5 records from May 9 to 22 and on September 21.

Hylocichla guttata polionota Grinnell . . . Mono Hermit Thrush

Casual migrant, specimens taken May 7, 9, 20, 22 and September 21.

Hylocichla guttata auduboni (Baird) . . . Audubon's Hermit Thrush

Common summer resident throughout much of Utah, known from May 9 to October 11, breeding in the coniferous forests of mountains and downward in streamside trees through canyons to valley edges.

- Hylocichla ustulata almae* Oberholser . . . Western Olive-backed Thrush
 Summer resident, common in northern Utah, sparse in the south, known from May 17 to August 21, breeding in streamside vegetation, submontane shrubs and streamside conifers from 5000 to 10,000 feet altitude.
- Hylocichla fuscescens salicicola* Ridgway . . . Willow Thrush
 Sparse summer resident of northern Utah, known from April 10 to July 21, breeding in streamside thickets from 4500 to 9000 feet altitude.
- Sialia mexicana bairdi* Ridgway . . . Chestnut-backed Bluebird
 Common resident in southern Utah, breeding mainly in ponderosa pines, openings in pigmy conifers and sparingly upward into the aspens; probably moving downward in winter.
- Sialia mexicana occidentalis* Townsend . . . Western Bluebird
 Sparse breeder of northern Utah and sparse winter resident of southern Utah.
- Sialia currucoides* (Bechstein) . . . Mountain Bluebird
 Summer resident throughout Utah, sparsely occupying many habitats from valley bottoms up to timberline, mainly from February to October in northern Utah; migrates both altitudinally and latitudinally; winters commonly in southern Utah, sparingly farther north.
- Myadestes townsendi* (Audubon) . . . Townsend's Solitaire
 Sparse resident throughout the state, breeding in the coniferous forests and wintering in the lowlands; altitudinal migration, mainly in May and October.

Family **Sylviidae** . . . Gnatcatchers and Kinglets

- Polioptila caerulea amoenissima* Grinnell . . . Western Gnatcatcher
 Summer resident, common in southern Utah, sparse north to Great Salt Lake and Uinta Basin, breeding mainly in the pigmy conifers, but sparingly upward or downward into brush or willows, known from April 6 to September 7; common in migration, mainly from 2900 to 7000 feet altitude.
- Regulus satrapa olivaceus* Baird . . . Western Golden-crowned Kinglet
 Permanent resident, breeding in the coniferous forests of the mountains and wintering in the foothills and valleys among trees or shrubbery; appears to be missing from Navajo and Pine Valley mountains, perhaps others.
- Regulus calendula calendula* (Linnaeus) . . . Eastern Ruby-crowned Kinglet
 Casual transient, either migrant or winter resident.
- Regulus calendula cineraceus* Grinnell . . . Western Ruby-crowned Kinglet
 Common permanent resident throughout Utah, breeding in the coniferous forests of the mountains and wintering in woodland of foothills and valleys; more numerous in migration.

Family **Motacillidae** . . . Wagtails and Pipits

- Anthus spinoletta rubescens* (Tunstall) . . . Eastern Pipit
 Sparse migrant and winter resident of the lowlands among open scanty, scrub vegetation throughout Utah.
- Anthus spinoletta alticola* Todd . . . Rocky Mountain Pipit
 Common permanent resident, breeding in the high mountain meadows or streamsidings and wintering in the lowlands throughout Utah among open scanty vegetation; common along highways kept cleared of snow in winter.
- Anthus spinoletta pacificus* Todd . . . Western Pipit
 A single specimen (C M 122255♂) taken 15 miles southeast of St. George, Washington County, assigned by Adrich and Cottam to this race (Twomey, Condor 1944:89); probably a common winter resident.

Family **Bombycillidae** . . . Waxwings

- Bombycilla garrulus pallidiceps* Reichenow . . . Bohemian Waxwing
 Casual or accidental breeder of northern Utah; sporadic winter resident, common in northern Utah, sparse farther south, usually in flocks, sometimes of huge size, feeding mainly on fruits and berries.

Bombycilla cedrorum Vieillot . . . Cedar Waxwing

Casual breeder of northern Utah; sporadic winter resident throughout the state.

Family **Ptilonotidae** . . . Silky Flycatchers*Phainopepla nitens lepida* Van Tyne . . . Northern Phainopepla

Sparse summer resident in Washington County, casual in Kane County, breeding in mesquite, streamside trees or orchards, recorded from May 1 to July 22.

Family **Laniidae** . . . Shrikes*Lanius excubitor invictus* Grinnell . . . Northwestern Shrike

Sparse winter resident in the valleys throughout the state, known from October 11 to March 31.

Lanius ludovicianus excubitorides Swainson . . . White-rumped Shrike

Summer resident of the Uinta Basin, breeding in scattered bushes or trees of the lowlands; intergrades westward with *gambeli* and southward with *nevadensis*.

Lanius ludovicianus gambeli Ridgway . . . California Shrike

Common summer resident of northern Utah, breeding north and east of Great Salt Lake and east of the Raft River Mountains but intergrades to the east with *excubitorides* and to the south and west with *nevadensis*; migrant through the state; winter resident in Washington County.

Lanius ludovicianus nevadensis Miller . . . Great Basin Shrike

Common summer resident of western and southern Utah from Western Box Elder, Salt Lake, Utah, Carbon and Grand counties south, breeding mainly in sagebrush, greasewood or shadscale areas of valleys or foothills below 7500 feet; migrant and sparse winter resident.

Family **Sturnidae** . . . Starlings*Sturnus vulgaris vulgaris* Linnaeus . . . Starling

Now established as a winter resident in northern Utah, but reported (Grater, Condor 1942:41) as transient in southern Utah.

Family **Vireonidae** . . . Vireos*Vireo bellii arizonae* Ridgway . . . Arizona Vireo

Summer resident along Virgin River streamside willows and tamarix, known from 2 specimens taken April 19, 20, 1940 (Hardy, Wils. Bull. 1941:125).

Vireo vicinior Coues . . . Gray Vireo

Summer resident of the arid slopes of SW Utah as far north as Sevier County, among the pigmy conifers, known only from April 20 to Aug. 22.

Vireo solitarius plumbeus Coues . . . Plumbeous Vireo

Summer resident of Utah, mainly of pigmy conifers, possibly in oak brush or streamside vegetation; breeding not known.

Vireo solitarius cassinii Xantus . . . Cassin's Vireo

Sparse migrant through Utah, mainly in streamside or cultivated deciduous trees or pigmy conifers; known from April 18 to May 20 and August 2 to September 27.

Vireo olivaceus (Linnaeus) . . . Red-eyed Vireo

Regular but uncommon migrant through Utah; known from May 29 to July 7 and from September 8 to 28; may also be a casual breeder; no records from southern Utah.

Vireo gilvus swainsonii Baird . . . Western Warbling Vireo

Migrant through the state; one specimen from Deep Creek Mts., Juab Co., Sept. 16, 1947 and one from Henry Mts., Garfield Co., Sept. 10, 1929.

Vireo gilvus leucopolius (Oberholser) . . . Oregon Warbling Vireo

Common summer resident throughout most of Utah; known (extreme) from March 26 to September 26, breeding from timberline to valley bottom in deciduous vegetation, mainly in lower aspens and maples, sparingly upward and decreasing downward through streamside willows and cottonwoods.

Family **Parulidae** . . . Wood Warblers*Vermivora celata celata* (Say) . . . Northern Orange-crowned Warbler

Sparse migrant through Utah, often mixed with *orestera* in migration; known by specimens from September 10 to October 4.

Vermivora celata lutescens (Ridgway) . . . Lutescent Orange-crowned Warbler

Single specimen taken at St George by Twomey on October 12, 1927 (Condor 1944:89).

Vermivora celata orestera Oberholser . . . Rocky Mt. Orange-crowned Warbler

Common summer resident throughout Utah mountains, breeding in submontane shrub belt and aspens; in migration through the lowlands in deciduous trees or brush; known (extremes) from April 27 to November 1.

Vermivora ruficapilla ridgwayi Van Rossem . . . Calaveras Warbler

Casual breeder of the Wasatch Mountains in northern Utah; common in migration, known from early April to September 20.

Vermivora virginiae (Baird) . . . Virginia's Warbler

Summer resident throughout Utah mountains, known from April 27 to September 30, breeding mainly in aspens, oaks, mahoganies and downward along watercourses, from about 8000 to 4500 feet altitude; in migration, through the lowlands.

Vermivora luciae (Cooper) . . . Lucy's Warbler

Sparse summer resident of southern Utah, known from March 25 to August 8, breeding in the streamside vegetation along the San Juan, Colorado and Virgin rivers flowing through desert areas, nesting in cavities of rocks and ledges.

Dendroica petechia aestiva (Gmelin) . . . Eastern Yellow Warbler

Casual migrant of eastern Utah, known specimens taken May 3, 4, 17, from Wasatch, Uinta and San Juan counties.

Dendroica petechia rubiginosa (Pallas) . . . Alaska Yellow Warbler

Casual migrant of western Utah, known specimens taken May 10, 27, July 7, 30 from Utah, Wasatch and Washington counties.

Dendroica petechia brewsteri Grinnell . . . California Yellow Warbler

Casual migrant in Utah, known specimens taken May 23, 29 and August 3 from Box Elder and Kane counties.

Dendroica petechia morcomi Coale . . . Rocky Mt. Yellow Warbler

Common summer resident of Utah except along the San Juan and lower Colorado rivers, breeding in deciduous stream or water edge vegetation, mainly below 8000 feet altitude, known from late April to September 23; in migration throughout the lowlands of the state, it may leave this habitat.

Dendroica petechia sonorana Brewster . . . Sonora Yellow Warbler

Common summer resident of the San Juan and lower Colorado rivers, breeding in the fringing willows, tamarix and brush of the streamside.

Dendroica coronata hooveri McGregor . . . Alaska Myrtle Warbler

Casual migrant through Utah, known records on April 27, May 3 and October 9 from Salt Lake, Utah and Daggett counties.

Dendroica auduboni auduboni (Townsend) . . . Northern Audubon's Warbler

Migrant through Utah and casual winter resident, often mixed with flocks of the local breeding race *memorabilis*; known from September 19 to May 22; migrates through the lowlands, mainly in deciduous trees, usually about mid-April through May and mid-September through October.

- Dendroica auduboni memorabilis* Oberholser . . . Rocky Mt. Audubon's Warbler
Common summer resident of the mountains of Utah, breeding in the coniferous forests or adjacent trees or brush from about 7000 to 10,000 feet altitude.
- Dendroica nigrescens* (Townsend) . . . Black-throated Gray Warbler
Summer resident, breeding in the pigmy conifers of the foothills throughout the state, sparingly above or below, in brush or willows; known from April 20 to September 30.
- Dendroica townsendi* (Townsend) . . . Townsend's Warbler
Sparse regular migrant throughout the state at all altitudes up to timberline; known May 27 and from August 10 to October 9.
- Dendroica occidentalis* (Townsend) . . . Hermit Warbler
Migrant through southern Utah, known only from the Navajo Mt., August 11, 1935 and August 13, 1936 (Univ. Utah).
- Dendroica graciae graciae* Baird . . . Grace's Warbler
Sparse summer resident, breeding in the ponderosa pine forests of southern Utah, from Garfield County south; known from late May to September 19.
- Seiurus noveboracensis notabilis* Ridgway . . . Grinnell's Water-Thrush
Casual migrant through Utah, usually stopping around water edges; known from May 8 to June 2 and August 11 to September 28; casual winter resident, known in December and January.
- Oporornis tolmiei tolmiei* (Townsend) . . . Northern MacGillivray's Warbler
Regular migrant through Utah. Several of the specimens examined represent unrecognized races described by Phillips (Auk, 1947:297) as *intermediu* and *austinsmithi*, but *tolmiei*, sensu strictu, occurs in southwestern Utah.
- Oporornis tolmiei monticola* Phillips . . . Southern MacGillivray's Warbler
Common summer resident throughout Utah; known from May 5 to October 13, breeding mainly in the submontane shrub belt, in streamside thickets or underbrush, among conifers and aspens, usually between 4500 and 9000 feet altitude; also migrant through the lowlands, mainly in May and from mid-August to early October.
- Geothlypis trichas occidentalis* Brewster . . . Western Yellow-throat
Common summer resident of Utah except in southwestern corner, breeding in tules of marshes and in streamside willows, reed canes or other brush, mainly at low altitudes; known from April 20 to October 5.
- Geothlypis trichas campicola* Behle and Aldrich . . . Northern Plains Yellow-throat
Sparse migrant through the state; specimens from Tooele and Washington counties.
- Geothlypis trichas scirpicola* Grinnell . . . Tule Yellow-throat
Common summer resident of Virgin River Valley in southwestern Utah, breeding in the tule marshes; known from May 1 to September 11.
- Icteria virens auricollis* (Lichtenstein) . . . Long-tailed Chat
Common summer resident of Utah, breeding in dense thickets, usually along streamsidess from 2500 to 6500 feet; known from April to September 25.
- Wilsonia pusilla pileolata* (Pallas) . . . Northern Pileolated Warbler
Casual summer resident of high mountains, breeding in willows or brush tangles in the coniferous forests; common migrant through the lowlands; known from March 17 to October 10.
- Setophaga ruticilla tricolora* (Müller) . . . Western Redstart
Sparse summer resident of northern Utah, south to Utah Lake, breeding in deciduous trees of valleys and low canyons; known from May to September 20.
- Setophaga picta picta* Swainson . . . Painted Redstart
Tanner observed two birds in Zion Canyon on April 26, 1930 (Presnall, Proc. Utah Acad. 1935:207). Woodbury discussed this record with Tanner and was convinced of its validity.

Family **Ploceidae** . . . Weaver Finches

Passer domesticus domesticus (Linnaeus) . . . English Sparrow

Introduced in 1870 at Salt Lake City; now resident in all settlements and human habitations throughout the state.

Family **Icteridae** . . . Meadowlarks, Blackbirds and Allies

Dolichonyx oryzivorus (Linnaeus) . . . Bobolink

Summer resident of northern Utah as far south as Nephi, Juab County, known from May 19 to September 20. breeding in the grassy meadows bordering streams or ponds in valleys under 6500 feet. No records from southwestern Utah.

Sturnella neglecta Audubon . . . Western Meadowlark

Common permanent resident in valley throughout Utah, breeding mainly in cultivated fields, grasses or occasionally in sagebrush, nesting on the ground; in winter, usually in flocks and of spotted distribution, possibly more numerous in southern Utah.

Xanthocephalus xanthocephalus (Bonaparte) . . . Yellow-headed Blackbird

Common summer resident throughout Utah, known from February 23 to October 18, breeding in emergent vegetation over the deepest water available in edges of ponds or slow-moving streams, usually in tules and tamarix of marshes.

Agelaius phoeniceus fortis Ridgway . . . Thick-billed Red-wing

Common summer resident in northeastern Utah; in Bear Lake region, it is an intermediate intergrade with *utahensis*; probably winters in same area. Twomey (1942:451) considered it the breeding bird of the Uinta Basin.

Agelaius phoeniceus utahensis Bishop . . . Utah Red-wing

Type locality: Saltair, near Great Salt Lake, Utah.

Abundant summer resident of Utah, except in northeast and northwest portions; breeding in emergent vegetation in shallow water of marshes or stream edges, occasionally in willows on banks; abundant migrant; common winter resident, roosting in marshes in large flocks, foraging far afield in smaller groups.

Agelaius phoeniceus nevadensis Grinnell . . . Nevada Red-wing

An atypical breeder of the desert marshes along the Nevada border in the Great Basin.

Icterus cucullatus nelsoni Ridgway . . . Arizona Hooded Oriole

Probably a sparse breeder in lower Sonoran stream-sides of southwestern Utah, based upon a specimen taken in cottonwoods of Beaver Dam Wash by Woodbury, April 22, 1930 and one taken under a mulberry tree in St. George by Hardy, April 25, 1940.

Icterus parisorum Bonaparte . . . Scott's Oriole

Sparse summer resident, known from Uintah, Juab, San Juan and Washington counties from May 3 to June 29; probably breeding throughout the state in the pigmy conifers and Joshua trees.

Icterus bullockii bullockii (Swainson) . . . Bullock's Oriole

Common summer resident throughout Utah, known from April 17 to August 28, breeding in deciduous trees and tall willows of stream-sides, irrigated areas and sparingly on mountain sides, mainly below 6000 feet altitude (extreme 7300 feet).

Euphagus cyanocephalus (Wagler) . . . Brewer's Blackbird

Common permanent resident throughout Utah valleys, breeding mainly in valley edges or sparingly in streamside fringes; less common in winter. If subdivided, will doubtless belong to subspecies *cyanocephalus*.

Molothrus ater artemisiae Grinnell . . . Nevada Cowbird

Sparse resident throughout the state, except in the southwest corner where it intergrades with *obscurus*, inhabiting wet meadows, irrigated fields, or stream-sides, laying its eggs in the nests of any other birds in its ecological niche; less common in winter.

Molothrus ater obscurus (Gmelin) . . . Dwarf Cowbird

Sparse summer resident of the extreme southwest corner of Utah in the Virgin River Basin where it intergrades with *artemisiuae*; probably occurs in winter although no records available.

Family **Thraupidae** . . . Tanagers*Piranga ludoviciana* (Wilson) . . . Western Tanager

Common summer resident in the mountains throughout Utah, known from May 12 to September 26, breeding in the ponderosa pines and the lower portion of the spruce-fir forests, wandering or migrating through the lowlands in any sort of wooded country.

Family **Fringillidae** . . . Grosbeaks, Finches, Sparrows and BuntingsSubfamily **Richmondeninae** . . . Cardinals and Allies*Pheucticus melanocephalus melanocephalus* (Swainson) . . . Rocky Mt. Black-headed Grosbeak

Common summer resident throughout the state, known from April 27 to late September, breeding in deciduous thickets of tall brush or trees in the shrub belt and streamside forests mainly in canyons and mountainsides; migrates through the lowland deciduous vegetation.

Guiraca caerulea interfusa Dwight and Griscom . . . Western Blue Grosbeak

Sparse summer resident, known from May 6 to September 15 in southern Utah, breeding in streamside willows and tamarix in the Virgin River, Kanab Creek and Colorado River basins up to about 5000 feet altitude.

Passerina cyanea (Linnaeus) . . . Indigo Bunting

Rare or sparse breeder in streamside or irrigated vegetation in the Virgin River Basin in extreme southwestern Utah.

Passerina amoena (Say) . . . Lazuli Bunting

Common summer resident throughout Utah, known from April 26 to September 15, breeding in deciduous thickets from 2600 to 9000 feet, mainly in streamside and irrigated areas, but also in shrub belt.

Subfamily **Carduelinae** . . . Purple Finches, Goldfinches and Allies*Hesperiphona vespertina brooksi* Grinnell . . . Western Evening Grosbeak

Sparse summer resident breeding singly or in small groups in the mountains; common winter resident in the valleys throughout Utah, erratically distributed in flocks where persistent tree seeds are available for food.

Carpodacus cassinii Baird . . . Cassin's Purple Finch

Common summer resident of the mountains, breeding mainly in the coniferous forests, sparingly downward in trees; in winter, it spreads downward into the valleys possibly southward.

Carpodacus mexicanus frontalis (Say) . . . Common House Finch

Atypical common permanent resident of lowland desert brush, pigmy conifers, streamside fringes and irrigated areas in southeastern Utah, from where it extends northwestward as an intergrade with the following race.

Carpodacus mexicanus solitudinis Moore . . . Great Basin House Finch

Atypical resident of northwestern Utah, from where it extends southeastward as an intergrade with the preceding race (Behle, Condor 1948:79).

Pinicola enucleator montana Ridgway . . . Rocky Mountain Pine Grosbeak

Sparse permanent resident, primarily of the coniferous forests of the mountain tops, but at times there is considerable wandering, when it may appear at almost any altitude.

Leucosticte tephrocotis littoralis Baird . . . Hepburn's Rosy Finch

Winter resident in the Great Basin, known from November 4 to April 20, usually in flocks, often mixed with other races.

- Leucosticte tephrocotis tephrocotis* (Swainson) . . . Gray-crowned Rosy Finch
Common winter resident of Great Basin and Virgin River Basin, known from September 20 to April 20, usually in flocks, sometimes of huge size mixed with other races.
- Leucosticte atrata* Ridgway . . . Black Rosy Finch
Summer resident of high mountains, breeding in rocks and cliffs that extend above timberline; wintering in flocks in the lowlands throughout Utah as far south as San Juan County; sometimes mixed with other races.
- Acanthis flammea flammea* (Linnaeus) . . . Common Redpoll
Casual winter visitant along the northern Utah border, in Cache and Bear Lake valleys and north of the Uinta Mountains.
- Spinus pinus vagans* Aldrich . . . Western Pine Siskin
Abundant resident through Utah, breeding from valley floors of 4500 feet up to timberline, and wintering at all altitudes from timberline down.
- Spinus tristis pallidus* Mearns . . . Pale Goldfinch
Common summer resident of valleys of 4500 to 7000 feet, breeding mainly in streamside forests and irrigated sections; sparse winter resident, usually in flocks, sometimes mixed with pine siskin.
- Spinus psaltria hesperophilus* (Oberholser) . . . Green-backed Goldfinch
Common resident of Virgin River Basin and less common northward to Tooele, Morgan and Uinta counties, inhabiting the streamside fringes, fields and gardens.
One specimen taken near Flux (Knowlton, Proc. Ut. Acad. Sci. Arts & Lett., 1937, 14:165) which is also near Dolomite (Stanford *op. cit.*, 1938, 15:144), Tooele County, Utah, September 22, 1934 was listed as *psaltria* but has been checked and found to be *hesperophilus*.
- Loxia curvirostra bendirei* Ridgway . . . Bendire's Crossbill
Status uncertain; specimens from Summit, Wasatch, Beaver and San Juan counties.
- Loxia curvirostra benti* Griscom . . . Bent's Crossbill
Status uncertain; Twomey's specimens (1942:464) from Green Lake in Uinta Mountains, Daggett County, indicates breeding there; probably intergrades to the southwest with the next race, *grinnelli*.
- Loxia curvirostra grinnelli* Griscom . . . Pacific Red Crossbill
Atypical residents of the coniferous forests of southwestern Utah from whence it further intergrades to the northeast with *benti*.
- Loxia curvirostra stricklandi* Ridgway . . . Mexican Crossbill
Probably transient in southern Utah; specimens known from Kane and San Juan counties.

Subfamily **Emberizinae** . . . Sparrows and Buntings

- Chlorura chlorura* (Audubon) . . . Green-tailed Towhee
Summer resident of the mountains throughout Utah, known from April 22 to November 13, breeding in streamside thickets, the shrub belt, and underbrush in coniferous forests, from 5000 feet to timberline; migrates chiefly through the mountains, seldom descending to the streamside thickets in low altitudes.
- Pipilo maculatus arcticus* (Swainson) . . . Arctic Towhee
One specimen known, taken by Yarrow and Henshaw at Provo, Nov. 30, 1872 (USNM).
- Pipilo maculatus montanus* Swarth . . . Spurred Towhee
Common permanent resident throughout Utah, breeding in the submontane shrub belt and the streamside shrubbery of mountain slopes and canyons between 5000 and 8000 feet; moving downward as well as southward in winter.

- Pipilo maculatus curtatus* Grinnell . . . Nevada Towhee
Two specimens from southwestern Utah in late October, 1872 where it probably winters in some of the low valleys.
- Pipilo aberti dumeticolus* Van Rossem . . . Western Abert's Towhee
Common permanent resident of the Virgin River Basin in southwestern Utah, breeding in the tall leafy shrubbery of streamsides.
- Calamospiza melanocorys* Stejneger . . . Lark Bunting
Sparse summer resident and migrant through the western half of the state (not known from Colorado Basin), probably breeding in open plains-like desert or cultivated fields, known from May 15 to October 11.
- Passerculus sandwichensis anthinus* Bonaparte . . . Western Savannah Sparrow
Rare migrant or possibly rare winter resident, known from 2 specimens from Boxelder and Washington counties, taken by Bailey, October 8, 1888 and by Behle, December 19, 1939.
- Passerculus sandwichensis nevadensis* Grinnell . . . Nevada Savannah Sparrow
Common summer resident throughout most of the state (except low country of the Virgin and Colorado rivers), known from February 28 to November 5, breeding in salt grass, meadows or marsh margins; winter resident in the Virgin River Basin, known from September 10 to April 27.
- Ammodramus savannarum perpallidus* (Coues) . . . Western Grasshopper Sparrow
Type locality: Antelope Island, Great Salt Lake, Utah.
Formerly abundant breeder of the grassy areas of northern Utah, sparser farther south; now a sparse summer resident observed in Uinta Basin; elsewhere no recent records available.
- Passerherbulus caudacutus* (Latham) . . . Leconte's Sparrow
Accidental winter visitant in Utah, based on a specimen taken December 24, 1927 and observation of 3 individuals, March 10, 1928 near Provo.
- Pooecetes gramineus affinis* (G. S. Miller) . . . Oregon Vesper Sparrow
Casual migrant; 2 specimens from Garfield County, taken August 20 and September 9.
- Pooecetes gramineus confinis* Baird . . . Western Vesper Sparrow
Common summer resident throughout much of the state, breeding in sagebrush, cultivated fields, greasewood or similar vegetation from 4000 to 10,000 feet altitude; in migration descends to lower altitudes, especially in Washington County where it is known from March 8 to October 9.
- Chondestes grammacus strigatus* Swainson . . . Western Lark Sparrow
Common summer resident throughout the state, known from April 4 to October 12, breeding mainly from 4000 to 8000 feet in savannah type habitat, usually at bush-tree contacts, especially in greasewood, shadscale or sagebrush contacts with pigmy conifers, oak shrubs, aspens or trees in fields or streamsides.
- Amphispiza bilineata deserticola* Ridgway . . . Desert Black-throated Sparrow
Common summer resident southward, sparse northward in Utah, known from May 3 to August 9, breeding mainly in the black brush (*Coleogyne*), but extending beyond its range northward into shadscale or small sagebrush and downward below its range in the south into other small desert scrub bushes among the creosote brush.
- Amphispiza belli nevadensis* (Ridgway) . . . Northern Sage Sparrow
Common summer resident throughout Utah, known from March 2 to September 30, breeding mainly in thrifty sagebrush of valleys, but overflowing into similar vegetation of greasewood, shadscale or other desert types; common migrant and casual winter resident in the lowlands.
- Junco hyemalis hyemalis* (Linnaeus) . . . Slate-colored Junco
Casual migrant and winter resident throughout Utah, usually mixed in flocks of other juncos, known from October 6 to May 6.

Junco hyemalis cismontanus Dwight . . . Cassiar Junco

Casual migrant and winter resident, usually mixed in flocks of other juncos, specimens known from Boxelder, Daggett, San Juan and Washington counties, on dates October 7, 8, 14, 18 and April 3 and 6.

Junco oreganus shufeldti Coale . . . Shufeldt's Junco

Common migrant and winter resident throughout Utah, usually mixed in flocks with other juncos, some of which are intergrades, known from September 16 to May 30.

Junco oreganus montanus Ridgway . . . Montana Junco

Common migrant and winter resident throughout Utah, usually in flocks containing other juncos in smaller numbers, some of which are intergrades, known from September 28 to April 9.

Junco oreganus mearnsi Ridgway . . . Pink-sided Junco

Sparse breeder of Raft River, north Wasatch and Uinta Mountains in non-typical form where it hybridizes freely with the Gray-headed Junco; sparse migrant and winter resident in more typical form throughout Utah, known from September 9 to May 16.

Junco caniceps caniceps (Woodhouse) . . . Gray-headed Junco

Common summer resident of mountains throughout Utah, breeding in brushy openings of the coniferous forests, usually above 6000 feet; common migrant through the lowlands; sparse or casual winter resident in the lowlands.

Spizella arborea ochracea Brewster . . . Western Tree Sparrow

Sparse winter resident, mainly of the valleys throughout Utah, less numerous south, known from September 21 to April 5.

Spizella passerina arizonae Coues . . . Western Chipping Sparrow

Common summer resident throughout Utah, known from April 13 to October 14, breeding in the shrub or brush stratum of mountain and valley from timberline downward but not generally in the scanty vegetation of dry deserts.

Spizella passerina stridula Grinnell . . . Pacific Chipping Sparrow

A single specimen, taken by Cottam in the Raft River Mountains, September 15, 1941.

Spizella pallida (Swainson) . . . Clay-colored Sparrow

A single specimen, taken by Stanford and Knowlton at Dolomite, Tooele County, September 21, 1934.

Spizella breweri breweri Cassin . . . Brewer's Sparrow

Common summer resident throughout Utah, known from April 13 to October 5, breeding in sagebrush or similar vegetation, mainly between 3500 and 10,500 feet.

Spizella atrogularis evura Coues . . . Arizona Black-chinned Sparrow

Sparse summer resident, known only from Washington County from April 8 to June 16, where it was breeding in the pigmy conifers.

Zonotrichia querula (Nuttall) . . . Harris's Sparrow

Regular casual winter resident throughout Utah, known from October 27 to April 18, usually associated singly or in small numbers with Gambel's sparrows, juncos or song sparrows.

Zonotrichia leucophrys oriantha Oberholser . . . Oregon White-crowned Sparrow

Common summer resident of high mountains from Summit to Iron counties, breeding in forest clearings, parks or meadows in coniferous forests from timberline down to about 6400 feet altitude; migrant through stream valleys; sparse winter resident in southern Utah, especially in the Virgin River Basin, casual in northern Utah, usually mixed with Gambel's Sparrow.

- Zonotrichia leucophrys gambelii* (Nuttall) . . . Gambel's Sparrow
Abundant migrant, especially along west base of Wasatch Mountains and high plateaus and down the Green and Colorado rivers; winter resident, sparse or common in northern Utah, abundant in southern Utah, especially in Virgin River Basin, mainly in bushes along stream courses, known from September 6 to June 10.
- Zonotrichia coronata* (Pallas) . . . Golden-crowned Sparrow
Rare winter resident in Zion Canyon; based on two records, January 16, 1936 by Grantham and March 7, 1942 by Grater.
- Zonotrichia albicollis* (Gmelin) . . . White-throated Sparrow
Casual winter resident of northern Utah, based on 6 observations in Boxelder, Salt Lake and Utah counties, between October 14 and May 15.
- Passerella iliaca schistacea* Baird . . . Slate-colored Fox Sparrow
Sparse summer resident in mountains as far south as Garfield County, known from April 5 to October 10, breeding in wet meadow edges or streambanks with thick clumps of willows or other tall shrubbery, from timberline down to valley edges at 5000 feet altitude.
- Melospiza lincolnii lincolnii* (Audubon) . . . Eastern Lincoln's Sparrow
Sparse migrant along water courses through Utah, moving mainly through brush, willows or bushes of streambanks or irrigated areas, known from March 16 to May and September 5 to October 14.
- Melospiza lincolnii alticola* Miller and McCabe . . . Montane Lincoln's Sparrow
Summer resident of high mountains in Utah as far south as Garfield Co., breeding in wet meadows or bogs in mountain tops from about 8000 feet up; migrant through the lowlands, mixing in small numbers with *lincolnii*.
- Melospiza georgiana ericrypta* Oberholser . . . Western Swamp Sparrow
Single specimen taken by Yarrow and Henshaw from a large flock of *Zonotrichia* near Washington on the Virgin River, October 23, 1872 (Henshaw, 1875:385).
- Melospiza melodia juddi* Bishop . . . Dakota Song Sparrow
Casual migrant in the Uinta Basin, based on four specimens taken by Lloyd, 2 miles south of Jensen, Uintah County, in the spring of 1935. Reported by Twomey (1942:476).
- Melospiza melodia montana* Henshaw . . . Mountain Song Sparrow
Common summer resident in the valleys of Utah, except the Virgin River Valley in extreme southwest, breeding in water-edge vegetation; common migrant in the same habitat; winter resident throughout the state, common in southern Utah, sparse farther north.
- Melospiza melodia merrilli* Brewster . . . Merrill's Song Sparrow
Winter transient, based on 5 specimens from Weber and Washington counties, taken December 17, 21, January 13, April 30 and May 1.
- Melospiza melodia fallax* (Baird) . . . Virgin River Song Sparrow
Common summer resident in the Virgin River Valley of southwestern Utah, breeding in the tule marshes and streambanks as far upstream as Zion Canyon; sparse winter resident.
- Plectrophenax nivalis nivalis* (Linnaeus) . . . Eastern Snow Bunting
Sparse winter resident in the Great Salt Lake and Utah Lake basins, known from October 13 to April.

Hypotheticals

Order TINAMIFORMES

Family Tinamidae

Eudromia elegans . . . Tufted Tinamou

Several pairs of an Argentine stock were introduced from California into Box Elder County in the spring of 1948 with the avowed intention of rearing young to be released on the range (Utah Fish and Game Bulletin, Apr.-May 1948:3).

Order COLYMBIFORMES . . . Grebes

Family Colymbidae . . . Grebes

Colymbus dominicus brachypterus (Chapman) . . . Least Mexican Grebe

A newspaper account (Deseret News, December 20, 1910) of a specimen allegedly taken by H. C. Jensen at the Morris Gun Club near Salt Lake City was doubtless a misidentification of a small Eared Grebe. It is listed here merely to deny the record and the denial is corroborated by C. T. Vorhies to whom the specimen was allegedly referred for identification.

Order CICONIIFORMES . . . Herons, Ibises and Allies

Family Threskiornithidae . . . Ibises and Spoonbills

Guara alba (Linnaeus) . . . White Ibis

Allen (1872:172) listed *Ibis alba* with the comment "Only a few seen. Said to be common in summer," which was doubtless based on a misidentification of the Snowy Egret.

Order ANSERIFORMES . . . Swans, Geese, Ducks and Allies

Family Anatidae . . . Swans, Geese and Ducks

Anas diazi novimexicana Huber . . . New Mexican Duck

Phillips and Lincoln (1930:192) state under range ". . . possibly also at times in Utah". No known record.

Order FALCONIFORMES . . . Birds of Prey

Family Accipitridae . . . Hawks, Eagles and Allies

Buteo jamaicensis krideri Hoopes . . . Krider's Hawk

Reported by Parker and Johnson (1899?) in their list of Utah birds eggs but we know of no corroboration.

Buteo platypterus (Vieillot) . . . Broad-winged Hawk

Reported by Parker and Johnson (1899?) in their list of Utah birds eggs but we have no corroboration.

Order GALLIFORMES . . . Gallinaceous Birds

Family Tetraonidae . . . Grouse and Ptarmigans

Lagopus leucurus altipetens Osgood . . . Southern White-tailed Ptarmigan

Reported by stockmen, sportsmen and others from mountain tops above timberline in Raft River, Uinta and Tushar Mountains, but no authentic record is available.

Family Phasianidae . . . Partridges, Pheasants and Quails

Colinus virginianus (Linnaeus) . . . Bob-white

Introduced into Weber, Salt Lake, Utah, Uintah and Grand counties and probably elsewhere in years about 1870, 1890, 1910, 1915, 1930 and probably at other times, but it does not seem to have persisted.

Hypotheticals — continued*Colinus virginianus texanus* (Lawrence) . . . Texas Bob-white

Introduced about 1925 or 1926 and probably several plantings were made from state game farm at Springville, but details are lacking and it does not seem to have become established.

Alectoris graeca chukar . . . Chukar Partridge

Introduced into Box Elder County in 1936 and into Davis, Utah and Sevier Counties in 1940, but does not appear to have become established.

Perdix perdix perdix (Linnaeus) . . . European Partridge

Introduced into Salt Lake, Utah, Uintah, Washington counties and probably elsewhere in years 1912, 1917-22, 1923, 1924-25, 1930 and probably at other times, but it does not seem to have persisted.

Family **Meleagrididae** . . . Turkeys*Meleagris gallopavo* . . . Wild Turkey

Introduced into Utah near St. George (1940-1942), near Milford (1937 and 1942) and elsewhere, but probably not established.

Order **GRUIFORMES** . . . Cranes, Rails and AlliesFamily **Rallidae** . . . Rails, Gallinules and Coots*Rallus elegans elegans* Audubon . . . King Rail

Allen (1872:172) listed "*Rallus crepitans*. Said to be common" from Ogden in 1871. Since no records have appeared since then, it was probably a misidentification.

Coturnicops noveboracensis noveboracensis (Gmelin) . . . Yellow Rail

Assigned to Utah by Ridgway and Friedmann (1941:179) on the basis of a report by Ridgway (1877:613) of seeing a Little Black Rail, ? *Porzana jamaicensis* at Parley's Park and elsewhere. Probably a misidentification. The A.O.U. check-list, 1931:98 lists this as casual in Utah. We know of no evidence for this statement.

Laterallus jamaicensis coturniculus (Ridgway) . . . Farallon Rail

Assigned to Utah by Ridgway and Friedmann (1941:158) on the basis of a report by Ridgway (1877:613) of seeing a Little Black Rail, ? *Porzana jamaicensis* at Parley's Park and elsewhere. Since this Ridgway record has been used as the basis of assigning both the Yellow and Farralon Rails to Utah, one or the other or both are probably misidentifications of the bird Ridgway saw. Lockerie saw a small black rail at the same place in 1948 which he identified as a Sora.

Order **CHARADRIIFORMES** . . . Shore Birds, Gulls and AlliesFamily **Laridae** . . . Gulls and Terns*Sterna trudeaui* Audubon . . . Trudeau's Tern

Reported by Parker and Johnson (1899?) in their list of Utah birds eggs but we have no corroboration.

Sterna antillarum (Lesson) . . . Least Tern

Reported by Parker and Johnson (1899?) in their list of Utah birds eggs but we have no corroboration.

Order **STRIGIFORMES** . . . OwlsFamily **Strigidae** . . . Typical Owls*Otus asio kennicotti* (Elliot) . . . Kennicott's Screech Owl

Reported by Parker and Johnson (1899?) in their list of Utah birds eggs but we have no corroboration.

Micropallas whitneyi (Cooper) . . . Elf Owl

Reported by Parker and Johnson (1899?) in their list of Utah birds eggs but it was probably a misidentification of the pygmy owl.

Hypotheticals — continuedOrder **CAPRIMULGIFORMES** . . . Goatsuckers and AlliesFamily **Caprimulgidae** . . . Nighthawks and Poor-wills*Phalaenoptilus nuttallii hueyi* Dickey . . . Desert Poor-will

Two specimens (MCZ) from Ogden and Salt Lake City taken June 12, 1872 and June 5, 1899, were considered by Dickey (Condor 1928:152-3) to belong to this race. They come from areas now considered to be within the range of *nuttallii*.

Order **APODIFORMES** . . . Swifts and HummingbirdsFamily **Apodidae** . . . Swifts*Nephoecetes niger borealis* (Kennerly) . . . Black Swift

Observation of two birds, all black, with narrower and longer wings than a purple martin reported going south near Centerville, Davis County in early October, 1944 by E. R. Wilson.

Order **PASSERIFORMES** . . . Perching BirdsFamily **Corvidae** . . . Jays, Magpies and Crows*Corvus brachyrhynchos hargravei* Phillips . . . Southwestern Crow

The large crow described from the Mogollon Plateau, Arizona, proves to be the breeding form in central northern New Mexico, near the Colorado line, so may occur in parts of southern Utah also. Any male crow with wing measurements over 320 mm. or female over 305 mm. is nearly certain to belong to this race (Allan R. Phillips' letter, Jan. 21, 1947).

Family **Sittidae** . . . Nuthatches*Sitta carolinensis tenuissima* Grinnell . . . Great Basin Nuthatch

After examining large series of specimens from neighboring regions, J. W. Aldrich suggested that this race probably occurs in northwestern Utah.

Family **Troglodytidae** . . . Wrens*Cistothorus platensis stellaris* (Naumann) . . . Short-billed Marsh Wren

Henshaw (1875:185) reported nests and eggs in marshes near Provo in July 1872, but there is no corroboration since that time and was probably a misidentification of the Western Marsh Wren. Coues (1874) refers to this and states that it is a good record because the eggs are white. That is not necessarily conclusive because they might have been albino eggs of the Western Marsh Wren.

Family **Parulidae** . . . Wood Warblers*Dendroica fusca* (Muller) . . . Blackburnian Warbler

Allen (1872:166) reported this species from Ogden in 1871, but recent investigations indicate that it was a misidentification.

Wilsonia pusilla chryseola Ridgway . . . Golden Pileolated Warbler

From studies in northern Arizona, A. R. Phillips suggests that March records of the pileolated warbler from southwestern Utah probably apply to this race.

Family **Icteridae** . . . Meadowlarks, Blackbirds and Allies*Quiscalus quiscula versicolor* Vieillot . . . Bronzed Grackle

Probably accidental or casual migrant, based upon observation of 8 in a flock of red-wings and Brewer blackbirds at the Bear River Marshes by Kubichek on Sept. 13, 1941 and of several observations by Quortrup around Brigham, Perry and Bear River during the same month.

Hypotheticals — continuedFamily **Fringillidae** . . . Finches, Sparrows and Allies*Ammodramus bairdii* (Audubon) . . . Baird's Sparrow

Listed by Johnson and Parker in their check-list of Utah bird eggs; several records of eggs alleged to belong to this species are believed to refer to eggs of the Western Vesper Sparrow. A record reported in Bird Lore Christmas Census in 1927 was a misidentification of a Leconte's Sparrow.

Aimophila cassinii (Woodhouse) . . . Cassin's Sparrow

Treganza (letter) reports noting the bird one year and taking bird, nest, and eggs the next year in the latter part of April, on west side of Cedar Mountains, 5 miles south of Low, Tooele County. No corroboration available.

Melospiza lincolnii gracilis (Kittlitz) . . . Forbush's Sparrow

A specimen (MCZ 44728♀) bearing Henry Bryant's tag labeled "Utah" was assigned to this race by Oberholser. Since Bryant never collected in Utah, and there is no available proof of the source of the specimen, we prefer to consider it hypothetical.

Calcarius ornatus (Townsend) . . . Chestnut-collared Longspur

Wintering birds observed in northern Arizona probably crossed SE Utah in migration to get there (Woodbury and Russell, Bull. Univ. Utah 1945:154).

Calcarius lapponicus (Linnaeus) . . . Lapland Longspur

A wintering specimen taken in northern Arizona probably crossed Utah in migration to get there (A. R. Phillips).



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