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r r r <u>Cover: watercolor of Male Western Tanager</u>r r (by Bob Stebbins)r r

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#### **About the Authors**

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r <u>r</u> Bob Stebbins, 1951r
r (MVZ, UCB)r r
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r Cyril Adelbert Stebbins was born June 20, 1878 in Harrisville, Wisconsin.r He married Louise Beck.r He was Instructor with ther Department of Agricultural Education at University of California.r His interests were agriculture,r particularly elementary school gardens for teaching,r and birds.r He died Feb. 26, 1953 in Los Angeles, California.r

r r

r Robert C. "Bob" (Robert Cyril) Stebbins,r son of Cyril Stebbins, was born in Chino, California October 25, 1915.r He grew up in Los Angeles and became interested in Salamanders whiler wandering the foothills of the area.r He married Anna-rose Cooper June 8, 1941 and had 1 son and 2 daughters.r He received his AB, MA, and Ph.D. from UCLA (1940, 1942, and 1943).r His original interest was in birds, with his father.r He served as a Ranger Naturalist at Lassen Volcanic National Parkr in 1941 and 1942.r He joined the Museum of Vertebrate Zoology (MVZ), University of Californiar in 1944, where he became Curator and Professor.r Bob became a Guggenheim Fellow in 1949.r He produced two films for the Sierra Club in the 1960s:r *Nature Next Door* and *No Room for Wilderness*?r

r r

r Bob is a leading expert in herpetology, particularly salamanders.r His special interest is in the ecological and behavioral significance of ther pineal gland and the parietal eye in reptiles.r He also has an interest in landscape and wildlife painting.r He retired in 1978 as Professor Emeritus, and is still active inr herpetology fieldwork.r He wrote over a dozen books, including various Peterson field guides,r and over 70 scientific papers.r Two Salamanders are named in his honor,r *Ambystoma mavortiumv stebbinsi* r andr *Batrachoseps stebbinsi*. r Bob feels that "education is the only way to solve environmental andr population problems"r (quote from *Zoology* 131 (UC Press, 2003)).r He lived in Kensington, California, just north of Berkeley,r and in retirement, Gardena, California.r Dr. Stebbins died Dec. 18, 2000.r

r

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• For more information seer Louis Sahagun, "Robert Stebbins; Art and Science Illuminate a Naturalist's Path," Los Angeles *Times* April 4, 2005, p. B-2.r

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#### **Bibliographical Information**

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r Cyril A. (Cyril Adelbert) Stebbins (1878-1953)r andr Robert C. (Robert Cyril) Stebbins (1915-2000),r *Birds of Yosemite National Park*. (1963).r Illustrated by Robert C. Stebbins.r 76+4 pp. Illustrated with 142 black & white drawings.r 24 cm.r First published in *Yosemite Nature Notes* 33(8) (August 1954).r Revised 1963.r Paper wrapper illustrated with a watercolor.r Saddle stitched.r California State Library call number: QL684.C2 S8.r

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r Although not credited, two illustrations, on ther <u>title page</u>r and <u>p. 79</u>, r appear to be by Jane J. Gyer.r The shading and prespective reflect her style.r Jane Gyer illustrated the cover for the revised 1974 edition of *Birds of Yosemite*.r

r r

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r —Dan Anderson, <u>www.vosemite.ca.us</u>r

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### Birdsr r ofr r Yosemite National Park

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r CYRIL A. STEBBINSr r andr r ROBERT C. STEBBINSr r (Illustrated by the junior author)r

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#### r The Yosemite Natural History Associationr

r is a non-profit organization cooperatingr r with the National Park Service in ther r interpretation and management ofr r Yosemite National Park.r

r r

r Association activities, such as the productionr r of BIRDS OF YOSEMITE, are made possibler r with contributions from persons supporting ther r national park idea. Donations are tax exempt.r

r

r r

r This booklet is one of a series explaining the history and natural historyr of Yosemite National Park. For prices of this and other publications aboutr Yosemite, write: Yosemite Natural History Association, Box 545, Yosemiter National Park, California.r

r r

r First published August, 1954 asr r Volume 33, Number 8, of Yosemite Nature Notes.r

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#### **Preface**

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r Even before you have finished establishing your camp in one of the many pleasantr campgrounds of Yosemite National Park, you may be visited by a bird accustomedr to finding people friendly and ready to share their food. In the face of such confidencer one cannot be intolerant of the behavior of the colorful western tanager (see cover)r when he alights on the camp table and helps himself to the butter, nor can one feelr harshly toward the raucous Steller's jay as he boldly snatches a piece of bread and eatsr it out of reach but in full view of camp.r

r r

r As with many of the animals in Yosemite, birds have come to regard man as ar relatively harmless feature of their environment and therefore go about seeking theirr food, building nests and rearing their young with a minimum of diversion due to hisr presence. This results in a most favorable situation for one who would study ther birds, for it often allows close approach and detailed observation of birds with littler alteration of their behavior. Indeed, in Yosemite the birds will force your attentionr upon them whether you are a bird lover or not, for who can fail to be interested inr the bird that joins the family circle at mealtime or feeds its young within a few feetr of one's tent?r

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#### INTRODUCTION

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> r <u>r</u> r PARTS OF A BIRDr

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#### **HOW TO USE THIS BOOK**

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r <u>Illustrations</u>r have been designed to emphasize the more conspicuous field marksr which serve as clues to recognition. An effort has been made to place the birds inr characteristic poses, and a suggestion of habitat has been included. The figures afterr the name of the bird in each description are a measure of total length—beak to tailr—in inches.r

r r

<u>Descriptions</u> are in semi-scientific terms with distinctive features emphasized inr <u>italic</u> type. Ther <u>diagram</u> <u>opposite showing the parts of a bird</u>r will help to clarifyr certain of these terms. Statements in the descriptions that have bearing on the ranger or habitat of a species apply to the Yosemite region or the Sierra Nevada and are notr to be applied more broadly.r

r r

<u>Key to the Yosemite Birds</u>r will be found on <u>pages 70-74</u>. The birds are segregated,r first, on the basis of some conspicuous color or other characteristic and, second,r on the basis of size, comparing with certain well-known birds. Hawks, eagles, owls,r and hummingbirds are not included since most people recognize these birds as tor group. The many pictures including ther <u>plate</u> (see <u>page 17</u>)r showing the hawks, <u>vultures</u>, and <u>eagles</u>r in flight should suffice for identification.r

r r

<u>Seasonal status.</u>r—Throughout the descriptive accounts the status of each speciesr is given for the Yosemite region. Status refers to the time and duration of occupancyr of an area—whether the bird is present throughout the year (R.—resident), during the winter period only (W.V.—winter visitant), during the summer only (S.V.—r summer visitant), or sporadically for brief periods (C.V.—casual visitant). In ther latter category are birds that pass through the area only in fall and spring migrationr or enter it during postbreeding upmountain movements (M.—migrant). To shortenr the text the abbreviations have been used.r

r r

<u>Area covered.</u>r —The Yosemite region, as referred to in this book, is the area of Yosemite National Park, the foothills immediately west of the park, and the sloper from the Sierran crest to the shores of Mono Lake east of the park. At the presentr time 221 species have been reported within the park boundaries. Most of these haver been described in the following <u>pages</u>. Species not described are those that have been seen only once or but a few times or about which there is doubt as to accuracy of identification. These <u>undescribed forms</u> are listed on <u>page 63</u>. Ther <u>California thrasher</u>,r seen at lower elevations outside the park but not recorded within the park boundaries,r is also described.r

rrrr

#### **HOW TO STUDY BIRDS**

r r

r First learn this quotation: "A bird in the heart is worth more than a hundred inr a notebook." Second, learn repose. Third, learn to listen. Fourth, learn to seer accurately.r

r r

r To study birds most successfully, proceed with your notebook and, if possible,r a good pair of binoculars, with six- or eight-power magnification, to a place frequentedr by birds. Choose bright mornings or late afternoons for your study. Sitr quietly and patiently and you may be rewarded. When a bird comes into view taker a detailed description, noting size, colors, type of beak, and other characteristics.r Walk slowly and quietly through the region selected for field study, stopping nowr and then. Birds are frightened by quick movements. Try imitating the call of ar bird in distress by sucking the back of your wrist. Birds may appear.r

r r

r One of the greatest pleasures the birds may offer you is through their songs;r learn to listen and to recognize the birds' voices, whether bird hunting or not. Wheneverr a new note is heard, if possible, trace it to its maker. Accurate recognition isr often dependent upon the bird's song or call.r

r r

r Learn to see correctly and to interpret wisely.r

r r

#### SOME BIRD GROUPS

r r

r <u>Characteristics</u>r of some of the bird groups may aid identification. These arer pictured on <u>pages 64-69</u> and briefly described below:r

r r

r <u>Hawks, eagles, and owls</u>r are usually of large size, have powerful hooked bills,r usually stout legs, and long talons. Some hawks soar when foraging, others dartr through thickets to pounce on their prey.r

r r

r *Owls*r are large-headed birds with broad, rounded wings; they usually forage atr night.r

r r

r *Thrushes*r are brown above, sometimes spotted below. They are trim, timid birdsr that forage near the ground.r

r r

r <u>Vireos</u>r are small, active birds frequently with short, slender bills. There is a predominancer of gray in the plumage.r

r r

r <u>Flycatchers</u>r range in size from 5 1/2 to 9 inches. They may be dull or bright inr plumage, sometimes have wing-bars, an eye-ring, or white outer tail feathers. Theyr have a marked habit of taking flight from a perch to return to the starting point onr capturing an insect in the air. This act is often repeated. Raised feathers on the headr often give the effect of a crest.r

r r

r <u>Wrens</u>, r with few exceptions, are small, brown birds usually with dark bars on tailr and wings and in some species a whitish line over the eye. As a rule, wrens, when foraging, hold the tail upward at a sharp angle to the body. They forage near ther ground.r

r r

r <u>Woodpeckers</u>r have stout, chisel-like bills, two toes in front and two behind (oner exception), and stiff, pointed tail feathers. Black, white, and red are dominant colors.r These birds forage around trunks and large branches of trees, bracing themselves with the tail as food is sought.r

r r

r <u>Sparrows</u>r are generally grayish or brownish with rather short, conical bills andr they forage close to the ground.r

r r

r <u>Warblers</u>, r as a rule, are small, active, brightly colored birds with short, slender bills.r The line over the eye, characteristic of vireos, usually is wanting on warblers; their relatively bright colors aid one in distinguishing them from vireos.r

rrrr

#### **CONSERVATION OF BIRDS**

r r

r <u>Why birds are protected.</u>r —Ignorance of the value of our birds is common. Inaccurater observation condemns many birds unjustly. The farmer sees the meadowlarkr gather a few grains during the time of planting but fails to see the same bird eatr grasshopper after grasshopper at other seasons and so the birds are hunted. The selfishr eye of a fruit grower may see a woodpecker peck a hole in the barn but fails to see ther bird eat harmful insects in the orchard.r

r r

r Bird authorities of Massachusetts estimate one day's work by the birds in that stater to be the destruction of at least 20,000 bushels of insects. In every state, millions ofr insects are destroyed each day. While great numbers are destroyed through other natural agencies, just think, for a moment, of the number of insects the birds in ther whole United States destroy in one day and in one year.r

r r

r Hawks and owls have an undeserved bad reputation, due largely to the fact thatr the hawks are known as flesh eaters and the owls are abroad at night. Owls generallyr are beneficial, and the great horned owl is a destroyer of such pests as jackrabbits,r cottontails, and pocket gophers. Analyses of the stomachs of hawks and owls has givenr evidence that they eat a variety of ground squirrels, rabbits, and mice.r

r r

r <u>Some bird laws.</u>r —Federal laws prohibit the importation of the English sparrowr and other injurious birds and make it illegal to hunt or kill any wildlife in the nationalr parks. Among many other birds protected under the Federal Migratory Bird Treatyr Act are blackbirds, house finches, and shrikes.r

r r

SOME BIRD GROUPS 15

r California state law provides that all wild birds, excepting the house sparrow,r crow, yellow-billed and black-billed magpie, scrub jay, Steller's jay and starling, arer protected. Similar laws protect the birds in other states. Where a species is not protected by state law but is protected by federal law, federal law holds.r

r r

r Game birds which are hunted for food and sport may be killed only during ther open season established by law. Of course, in national parks, birds and other animalsr are protected from hunting.r

r r

#### **MIGRATION OF BIRDS**

r r

r With seasonal changes, many birds move southward or northward, mountainwardr or valleyward as the case may be. They travel singly or in small or large groups.r

r r

r During migration, birds take certain general directions to their destinations,r guided by celestial cues and topographical features. Much remains to be learned regardingr the forces which guide them in their migratory flight.r

r r

r During migrations many birds die or are killed. Thousands of weaklings dropr from exhaustion when long flights are taken without a stop. Storms often carry greatr flocks out of their courses. High buildings take their toll. Dead birds are found often at the base of the Washington Monument. Thus, in a way, migration strengthensr the race of birds. The weak die. The strong survive. It is a form of natural selection.r

r r

r At least nineteen species of shore birds breed near the Artic Circle and visit Southr America in the winter. More than a hundred species leave the United States to spendr the winter from Mexico to South America.r

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r r

r Next: Distribution r•r Contents r•r Previous: Prefacer

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# Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins r r http://www.yosemite.ca.us/library/birds\_of\_yosemite/introduction.htmlr rrrrrrrrrrrr r r Yosemite > Library > r Birds of Yosemite > r Distribution of Birds in Yosemite > r rr r r Next: Descriptionsr • r Contentsr • r Previous: Introductionr

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MIGRATION OF BIRDS 17

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#### **DISTRIBUTION OF BIRDS IN YOSEMITE**

rrr

r <u>Habitats.</u>r —Birds have adapted themselves to many different environments, usuallyr called habitats. This helps alleviate the competition between different species for foodr and nesting sites. To cite a few examples—ducks feed in open water and nest inr marshes, swifts feed in the air and nest on the cliffs, kingfishers dive for fish in streamsr and nest in the banks, sandpipers feed on the shores and nest on the ground, woodpeckersr frequent forests and feed on wood-inhabiting insects and nest in tree trunks,r kinglets feed and nest among the boughs of coniferous trees, and rock wrens feed andr nest among the rocks. Knowing the habitats frequented by birds often helps to corroborater an identification, for you learn to look for certain species of birds in particularr habitats.r

r r

r <u>Life zones</u> r—The variety of living conditions available to birds in the Yosemiter region is reflected in the richness of its birdlife. In an airline distance of 70 miles,r between the western edge of the foothills and the Sierran crest, changes in kinds ofr plants and animals occur that are similar to those found over the vast area between southern United States and the Arctic tundra, a distance of about 2,000 miles. With changes in either altitude or latitude, from regions of high to those of low temperature,r the character of the native plant and animal life varies. For convenience inr biological study, characteristic forms of life have been grouped into belts calledr life zones, in accordance with changes in climate. In California, made possible byr its varied topography and climate, there are six such zones—the Lower Sonoran,r Upper Sonoran, Transition, Canadian, Hudsonian, and Arctic-alpine. In this bookr the last three are sometimes jointly referred to as the Boreal zone. The intermediater region, the Transition life zone, often contains considerable numbers of plants andr animals from the adjacent zones and is thus appropriately named. Except for thisr zone, each zone has been named for a latitudinal region with a characteristic type ofr vegetation and animal life. For example, the Canadian life zone, in a latitudinal sense,r consists of a broad strip of coniferous forest with its associated fauna, that extends a across much of southern Canada.r

r r

r The visitor to Yosemite, coming to the park from the Great Valley of California,r starts his journey in the Lower Sonoran life zone and can go by automobile to Tiogar Pass in the Hudsonian zone having passed through the Upper Sonoran, Transition,r and Canadian life zones enroute. By walking up the slope of Mount Dana, less than 2 miles by trail from the pass, he reaches the coldest zone, the Arctic-alpine whichr encompasses the summits of the highest peaks in the park. There, above timberliner is to be found the dwarf willow, short dense grasses and sedges, lichens and other lowr growth, like that of the Arctic tundra. Thus within an airline distance of 50-70r miles, one can traverse all 6 life zones in the western United States.r

r r

r To aid in the search for birds and in developing an understanding of their occurrence,r the life zone range is given for all species except those frequenting Yosemiter only casually. Determination of the zone depends upon recognition of certain "indicator"r species of plants and animals. Trees, where present, are the most conspicuousr indicators of a zone. The best "indicators" are confined to the zone in question, or inr the case of animals, are those chiefly resident (especially as breeding) within it andr which therefore serve as good landmarks. It must be kept in mind, however, that ther lines between zones are seldom sharp and that local effects of slope exposure, airr r r currents, precipitation, etc. may modify the local temperature and consequently ther details of the zonal picture. Furthermore, animals (especially birds and certain mammals)r that have good powers of locomotion—and even those regarded as good indicators—may sometimes transgress zonal boundaries. Keeping in mind the foregoingr reservations, we may list indicators for the life zones beginning with the Lowerr Sonoran zone of the Great Valley and extending to the Arctic-alpine zone of ther Sierran crest, an altitudinal range from 200 to over 13,000 feet. Altitudes given arer for the western slope of the Sierra and are approximate. All zones tend to be higherr on the east side of the Sierra.r

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r <u>r</u>

r LIFE ZONES OF THE YOSEMITE REGIONr

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# r ALTITUDES OF LIFE ZONES IN THE YOSEMITE REGIONR r WITH PLANT AND BIRD INDICATORS

r r

r LOWER SONORAN — Sea level to 500 feet. Grassland with scattered valley oaks; otherwiser largely treeless except along streams. Confined to the lowlands of the Greatr Valley Birds—Red-tailed hawk, barn owl, burrowing owl, common nighthawk, horned lark,r brown-headed cowbird, American goldfinch, blue grosbeak, least vireo, yellowthroat,r mockingbird.r

r r

r UPPER SONORAN — 500 to 3,000-4,000 feet. Digger pine, blue oak, interior live oak, scrubr oak, mountain mahogany, toyon and other chaparral plants. The brushland or chaparralr zone of the foothills. Birds—Nuttall's woodpecker, scrub jay, sage sparrow, brown towhee,r Hutton's vireo, California thrasher, Bewick's wren, plain titmouse, wrentit,r western bluebird.r

r r

r TRANSITION — 3,000-4,000 to 6,000-7,000 feet. Ponderosa pine, sugar pine, incense-cedar,r white fir, Douglas-fir, black oak, canyon live oak, bigleaf maple, dogwood. Birds— Pygmyr owl, band-tailed pigeon,

r

Caifornia purple finch, solitary vireo, Nashville warbler,r black-throated gray warbler, Macgillivray's warbler, winter wren.r
rr
r CANADIAN — 6,000-7,000 to 8,000-9,000 feet. Red fir, Jeffrey pine, lodgepole pine, whiter pine, quaking aspen, chinquapin. Birds—Blue grouse, goshawk, calliope hummingbird,r Williamson's sapsucker, Hammond's flycatcher, Cassin's purple finch, Townsend's solitaire,r Lincoln's sparrowr
rr
r HUDSONIAN — 8,000-9,000 to 11,000-11,500 feet. Whitebark pine, mountain hemlock.r Birds—Black-backed three-toed woodpecker, mountain bluebird, pine grosbeak, Clark'sr nutcracker, white-crowned sparrow.r
rr
r ARCTIC-ALPINE—11,000-11,500 feet and above. Dwarf willow, various dwarf or matted floweringr plants, and turf-forming grasses and sedges—the area above timberline. Birds—Gray-crownedr rosy finch.r
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r ALTITUDES OF LIFE ZONES IN THE YOSEMITE REGION R WITH PLANT AND BIRD INDICATEORS R

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#### **BIRD DESCRIPTIONS AND ILLUSTRATIONS**

rrrr (Common and scientific names in accord withr The A.O.U. Checklist of North American Birds, 1957.)r r r • r Abbreviations for Life Zones and Statusr • r Parts of a Birdr rr r r • Grebes • Pelican-like Birds • Stork-like Birds • Goose-like Birds • Hawk-like Birds • Fowl-like Birds • Crane-like Birds • Plover-like Birds

• Pigeon-like Birds • Cuckoo-like Birds • Owls • Goatsucker-like Birds • Swifts and Hummingbirds • Roller-like Birds • Woodpecker-like Birds • Perching Birdsr r ♦ Tyrant Flycatchers, Family Tyrannidae ♦ Larks, Family Alaudidae ♦ Swallows, Family Hirundinidae ♦ Jays, Magpies, and Crows, Family Corvidae ♦ Tits, Family Paridae ♦ Nuthatches, Family Sittidae ♦ Creepers, Family Certhiidae ♦ Wrentits, Family Chamaeidae ♦ Dippers, Family Cincilidae ♦ Wrens, Family Troglodytidae

♦ Mockingbirds and Thrashers, Familyr Mimidae ♦ Thrushes, Family Turdidae ♦ Gnatcatchers, Kinglets, and Old-world Warblers, Family Sylviidae ♦ Wagtails, Family Motacillidae ♦ Waxwings, Family Bombycillidae ♦ Silky Flycatchers, Family Ptilogonatidae ♦ Shrikes, Family Laniidae ♦ Vireos, Family Vireonidae ♦ Wood Warblers, Family Parulidae ♦ Weaver Finches, Family Ploceidae ♦ Orioles and Blackbirds, Family Icteridae ♦ Tanagers, Family Thraupidae ♦ Finches, Sparrows, etc., Familyr Fringillidae rr rrrr r r r Next: Grebesr •r Contentsr •r Previous: Distributionr rrrr

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#### **GREBES:r Order Podicipediformes**

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**GREBES: Family Podicipedidae** 

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r <u>r</u> r EARED GREBEr

r r *EARED GREBE (Podiceps caspicus):r* r 12-14 in. In summer *head, slender neck,r upper breast, and crest, black;*r tufts ofr fan-shaped yellowish feathers extendr back from eye; rest of upper parts blackish;r *sides brownish-red;* under partsr white; bill slender; iris red. Adult in winter:r Cheek whitish; front and sides ofr neck gray; under parts white; top ofr head, back of neck, and back black.r Immature: More brown in

r Breeds in summer on bodies of freshr water. East of the Sierra breeds southr to Mono Lake. W.V. along the coastr and on inland bodies of water. Widelyr distributed in the fall. R. in some areas.r C.V. to lakes in Yosemite region. Occasionallyr on Mirror Lake in Yosemiter Valley but more frequent on higher lakes up to 12,000 feet.r

r r

back.rr r

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r <u>r</u> r PIED BILLED GREBEr

r r *PIED-BILLED GREBE* (*Podilymbusr podiceps*): r r 12-15 in. Upper parts brown,r darker on top of head, back of neck andr upper back; under parts whitish, markedr with brown; *bill short, light-colored, andr crossed by black band; throat black*;r white under very short tail. Adult inr winter and immature: Generally brown;r throat patch absent or faint; band on billr absent. Hatchlings blackish with whitishr streaks on head, neck, and back. Whenr frightened may dive or sink beneath ther surface with little rippling of water.rr r

r Widely R. on bays and estuaries alongr the coast and on inland ponds, sloughs,r and lakes. The principal breeding arear is the Great Valley of California. Widelyr distributed in winter. In the Yosemiter region most likely to be seen in winterr along the lower course of the Mercedr River below Yosemite Valley.r

r <u>Yosemite</u> > <u>Library</u> >r <u>Birds of Yosemite</u> >r Pelican-like Birds >r

GREBES: Family Podicipedidae

GREBES: Family Podicipedidae

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#### **PELICAN-LIKE BIRDS:r Order Pelecaniformes**

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#### r PELICANS: Family Pelecanidaer

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r r WHITE PELICAN (Pelecanus erythrorhynchos):r r 55-70 in. Plumage generallyr white, except for brownish-whiter primaries and tuft of yellowish feathersr at top of head; pouch largely yellow,r orange at base; bill and feet orange;r protuberance on upper mandible andr yellow on head absent in winter. Immature:r Bill yellow; top of head brownish-gray.r Flies with head back on shouldersr and long bill resting on neck. Flockr flies in "follow-the-leader" fashion inr column or V, each bird, in turn, doingr same maneuvers as leader.r

r r

r Breeds principally on interior freshwaterr lakes, especially those with islets.r In winter, ranges widely over southernr and west central parts reaching baysr along the coast. May be seen flying atr considerable height almost anywherer during migration. C.V. to Yosemiter Valley.r

r r

#### r CORMORANTS: Family Phalacrocoracidaer

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r r

r r DOUBLE-CRESTED CORMORANT (Phalacrocorax auritus):r r 30-36 in. Blackr with greenish iridescence on head andr neck; throat, pouch, and lores yellowish-orange;r delicate white feathers, which a soon lost, above and behind eye duringr late winter and early spring; sides ofr bill yellow; bill usually elevate at ar slight angle when neck held erect andr bird resting or swimming. Immature:r Uniformly dark brown above; whitish onr belly. Usually nests in colonies on isletsr or in tall trees near lakes or reservoirs.rr r		
r R. and breeding along the coast as wellr as on larger inland bodies of water. C.V.r to the Yosemite region.r		
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### STORK-LIKE BIRDS:r Order Ciconiiformes

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#### r HERONS AND BITTERNS:r Family Ardeidaer

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r GREAT BLUE HERONr

r r GREAT BLUE HERON (Ardea herodias):r r 42-52 in. Above slaty blue; tips ofr wings darker; top of head white (blackr in immatures); sides of head black, with several long black feathers during breeding season; long, loose feathers (not onr immature) on sides of neck and upperr back; below black-and-white-streaked; long legs and neck. In flight legs extended backward, long neck kinked.r Voice a low-pitched, hoarse walk. Commonlyr nests in colonies in tall trees,r cliffs, and in both salt and freshwaterr marshes.rr r

r Frequents sloughs, marshes, meadows,r lake margins, and tideflats. Widespreadr R. In the Yosemite region occasionallyr seen along the lower Tuolumne River,r Merced River in Yosemite Valley andr below, and at Merced Lake, Glen Aulin,r and Tuolumne Meadows.r

rrrrr r

r <u>r</u> r GREEN HERONr r

r r GREEN HERON (Butorides virescens):r r 16-18 in. Back and sides of neckr and face chestnut; dark wings withr bluish cast; top of head black, tingedr with green, with feathers long and loose;r below brownish-gray; legs greenish-yellow.r Flight somewhat crow-like. Voicer a hoarse squawk. A solitary nester.r Favors willow-bordered bodies of fresh water. Summer R.; M. widely. C.V.r in the Yosemite region. Recorded atr Merced Lake and Yosemite Valley.rr r

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r <u>r</u> r COMMON EGRETr

r *r COMMON EGRET (Casmerodius albus):r* r 37-42 in. *Plumage entirely white;*r long plumes extend from upper back tor beyond tail in breeding season; longr black legs and feet; long *yellow bill*r (yellow reduced in immatures). Oftenr nests in large trees.rr r

r Frequents marshes, wet meadows, laker margins, and tideflats. Wanders extensively.r C.V. in Yosemite region; occasionallyr seen in Yosemite Valley.r

r r

r r SNOWY EGRET (Leucophoyx Chula):r r 20-27 in. Similar to common egret exceptr smaller; plumes on back recurved;r legs and bill black; webs of feet yellow.r Nests in dense tules.r

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r C.V. in Yosemite region.r

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GOOSE-LIKE BIRDS:r Order Anseriformesr
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r DUCKS, GEESE, AND SWANS:r Family Anatidaer
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r <u>r</u> r CANADA GOOSEr
r r <i>r CANADA GOOSE (Branta canadensis):r</i> r 23-42 in. Plumage generallyr brownish-gray above; belly and flanksr gray to chocolate (western Canadar goose); under tail coverts and rumpr white; <i>head and neck black</i> ;

r r CANADA GOOSE (Branta canadensis): r r 23-42 in. Plumage generallyr brownish-gray above; belly and flanksr gray to chocolate (western Canadar goose); under tail coverts and rumpr white; head and neck black; white bibr extends well up on sides of head; partialr white collar sometimes present near baser of black neck. The four sub-species showr a considerable range in size — honkerr Canada goose, 35-42 in.; western C. g., 35 in.; lesser C. g., 25-34 in.; and cacklingr C. g., 23-25 in.rr r

r Frequents lakes, reservoirs, quiet waterr of larger streams, marshes, and wetr grassland. C.V. to Yosemite region. Hasr been seen on Mirror Lake and the Mercedr River.r

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r <u>r</u> r MALLARDr r

r r MALLARD (Anal platyrhynchos):r r 20-28 in. Head and upper neck glossy,r dark green; fore-neck and breast ruddy;r narrow white collar, incomplete behind;r speculum—the wing patch, a pigmentedr area of the wing involving the secondaryr feathers—blue, bordered on each side byr white; tail white with black center;r flanks gray; bill yellowish; feet reddish-orange.r Female: Above generally mottledr brown; dark line through eye borderedr above with buffy; top of head and backr of neck dark brown; below light brown;r bluish wing-patch bordered on each sider by white. In flight, compartively slowr wingstrokes with downward sweep reachingr little below level of body; under sider of wings silvery white. Voice of femaler a loud, frequently repeated quack; thatr of male weaker. Often seeks its food with head under water and tail in the air.rr r r r r

r Frequents tule - bordered freshwaterr ponds, rivers, and marshes. Has been noted as a C.V. on the Merced Riverr in Yosemite Valley and in little Yosemiter Valley. Recorded nesting to an elevation of about 7,500 feet.r

r r

r r CINNAMON TEAL (Anas cyanoptera):r r 15 1/2-17 in. Head and neck darkr cinnamon; brown wings with large arear of blue; green speculum, bordered byr white; upper back chestnut, grading intor brown; under surface of wings white;r under parts cinnamon changing to blackr on belly; iris red. Female: Above darkr brown, marked with gray; below grayish;r breast spotted with brown; large bluer patch on forepart of wing.r

r r

r S.V. on freshwater lakes and ponds.r Widespread in spring and fall migration.r C.V. to Yosemite region, most likely tor be seen in spring.r

r r

r *r BLUE-WINGED TEAL (Anas discors):r* r 14-16 in. Head gray with a *larger white crescent between eye and bill;* larger blue patch in wing which may appearr whitish; below dark gray, spotted with black; bill black; feet yellowish. Female:r Mottled brown with blue patch on forepartr of wing; not as rusty or as coarselyr mottled as female cinnamon teal.r

r r

r Frequents freshwater ponds and slowlyr moving streams. C.V. to Yosemite region.r Has been observed in Yosemiter Valley.r

r *r GREEN-WINGED TEAL* (*Anasr carolinensis*): *r* r 12 1/2-1 S Y2 in. Generallyr gray; head brown with iridescent greenr patch showing in bright sunlight onr side of head; conspicuous *white mark inr front of wing;* speculum green; *upperr breast reddish-brown, spotted with black;* r remaining under parts white; under tailr coverts black with creamy areas laterally; r bill lead-colored; feet bluish-gray.r Female: No white in wing; speculumr green.r

r r

r C.V. to the Yosemite region.r

r r

r *r PINTAIL* (*Anas acute*): *r* r 26-30 in.r Head and portion of fore-neck darkr brown; hind-neck dark; rest of neck,r breast, and belly white; white line onr side of neck extending well up ontor side of head; *long*, *black*, *middle tailr feathers*; area under tail black, borderedr laterally by white. Female: Head, neck,r and back generally brown; back streakedr with buff and black; no blue speculum;r below whitish; bill blue-gray; white borderr on rear of wings, seen in flight.r Usually nests on dry ground near pondsr or lakes.r

r r

r C. V. to the Yosemite region.r

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r AMERICAN WIDGEONr

r *r AMERICAN WIDGEON (Marecar americana):r* r 18-22 in. *Forehead andr crown white;* sides of head dark, with greenish iridescence; breast and sidesr brownish tinged with pink; area underr tail black; *white on flanks* posteriorly;r *broad white area near wing-bend seen inr flight,* reduced in female, not present inr immature; remaining under parts white;r bill bluish with black tip. Female: Flanksr ruddy - brown; head and neck gray;r small white area near bend of wing,r seen in flight.rr r

r W.V. or M. throughout California,r chiefly on freshwater marshes, lakes,r and streams. C.V. on lakes and slowerr streams of Yosemite region.r

r r

r r SHOVELER (Spatula clypeata):r r 17-20 in. Head and upper neck greenishblack;r back whitish with dark area downr middle; wing grayish-blue at bend; whiter of breast and flanks separated by reddish-brownr on sides; black region under tail;r belly chestnut; long shovel-shaped blackr bill, wider at tip than at base, givingr bird front-heavy appearance in flight;r sits low in water. Female: Plumage generallyr brown, mottled; large blue wingpatchr and large bill as in male.r

r

r Chiefly on fresh water but also frequentsr brackish water. Occasionally ar few breed in the park. On open streamsr and lakes in Yosemite region at almostr any time of year, but rarely seen.rr r r r

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r WOOD DUCKr

r r WOOD DUCK (Aix sponsa):r r 17-20 in. Feathers on top of head green; extendingr into crest of violet; sides of headr black with two white lines, one above,r other behind eye; throat white; wingsr mottled with black, white, and purple;r fan-shaped tail; breast chestnut; underr parts generally white; reddish area acrossr base of bill. Female: Top of head dark;r face brownish; white ring around eyer extending backward; throat and bellyr white; breast brownish; mottled withr lighter; rear edge of wing in region of secondary feathers white, as in male.r Faltering, often noisy in flight; takesr wing abruptly; may move head aboutr while flying. Commonly feeds on acorns.r Nests in tree cavities.rr r

r Frequents slowly flowing rivers,r sloughs, and ponds of fresh water, especiallyr where bordered by deciduousr woods. R. principally in Sacramentor and San Joaquin Valleys. C.V. in Yosemiter region. Seen at all months inr Yosemite Valley, occasionally nestingr there.r

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r <u>r</u> r	r CANVASBACKr
r r CANVASBACK (Aythya valisineria):r r 20-24 in. Back and sides nearly white neck reddish-brown;r long dark bill forming with headr a gently sloping profile; breast black; remainingr under parts white. Female: Back andr sides largely ligh brown; obscure light-colored streakr back of eye; throat whitish; breast darkr brownitish.r After taking off slowly, leaving waker behind, travels with great speed front-heavyr aspect. An expert diver.rr r	tail and rearr of back black; t gray; head and neckr light own; remaining under parts
r Common W.V., chiefly along the coastr but also to larger inland bodies of wat	er.r C.V. in Yosemite Valley.r
rr	
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rr	

r r RING-NECKED DUCK (Aythyar collaris):r r 16-18 in. Head and upper neckr purplish-black; back and breast blackish;r gray of sides and black breast separatedr by curving white band extending somer distance upward; belly white; black arear under tail; narrow band of white at baser of slate-colored bill with wider whiter band with bluish tinge adjacent to blackr of tip; narrow chestnut ring on neckr sometimes visible; broad gray stripe inr wing, seen in flight. Female: Generallyr brown; white eyering; small area ofr white about base of bill; bill similar tor male but duller; broad gray wing-stripe.rr r

r <u>r</u>

r RING-NECKED DUCKr

r C.V. to Merced River and Mirrorr Lake in Yosemite Valley, December tor March.r

r r r

r DUCKS, GEESE, AND SWANS:r Family Anatidaer

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#### r LESSER SCAUPr

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r r LESSER SCAUP (Aythya affinis):r r 15-18 in. Head, neck, breast, and anteriorr back black; head with purplishr reflections in bright light; central region of back white with faint, wavyr black lines; belly and sides white; blackr area under tail; white stripe along posteriorr portion of wing essentially confinedr to secondary feathers; bill bluishr with black tip; iris yellow. Female:r Head, neck, and breast brown; whiter area about base of bill; below dull white;r wing-stripe as in male.rr r

r On fresh or salt water, chiefly alongr the coast in winter. C.V. to Yosemiter region.r

r r

r *r BARROW'S GOLDENEYE* (Bucephalar islandica):r r 21-23 in. Head glossyr black with purplish iridescence; whiter triangular or crescent-shaped spot between eye and bill; back of neck white;r middle of back and tail black; larger amount of white in wing seen both when wing extended and closed; white ofr closed wing crossed by black bar; rowr of white spots on black scapulars; belowr r r r white; bill blackish; iris yellow. Female:r Head brown; white collar; remainingr upper parts generally gray; white patchr in wing.r

r r

r Frequents small lakes in timberedr areas of higher mountains in summer; in winter chiefly in coastal waters. S.V.r to Sierra. In Yosemite region recordedr as nesting at Smedberg Lake, 9,223 feet,r and at Table Lake, 7,000 feet; oner record for Pleasant Valley.r

r r

r <u>r</u> r RUDDY DUCKr

r *RUDDY DUCK (Oxyura jamaicensis):r* r 14-17 in. *Predominantly rusty redr in summer;* top of head black; cheeksr and chin white; bluish, shovel-shapedr bill; *tail feathers stiff and pointed*, oftenr held erect; white area under tail; underr parts silvery with dusky markings. Female:r Above, grayish-brown; belowr whitish; top of head dark brown, sidesr of head whitish broken by brown liner from bill through eye; bill dusky. Maler in winter: Similar to female but withr blue bill and white cheek-patch. In flightr small, with thick neck and flat head.r Dives frequently.rr r

r Occurs principally on fresh water.r C.V. to Yosemite region.r

r r

r r HARLEQUIN DUCK (Histrionicus histrionicus):r r 15-17 in. General colorationr dark with slaty blue, appears nearlyr black at a distance; conspicuous whiter markings on head and neck; long whiter crescent in front of eye, extending wellr back over eye; several white marks onr side of face; narrow white neck-ring;r white bar in front of bend of wing;r flanks reddish-brown. Female: Darkr brown with two or three white patchesr on side of head, one or two in frontr of eye, and one in ear region; no whiter patch in wing.r

r r

r Frequents swift-flowing streams inr summer and rough water of the exposedr coast in winter. Uncommon R. Breedsr on the western slope of the centralr Sierra. Breeding record for the Mercedr River in Yosemite Valley.r

r r

r <u>r</u> r BUFFLEHEADr

r *r BUFFLEHEAD* (*Bucephala albeola*): r r 13-15 in. Fluffy, black head crossed justr back of eye by *large* white patch reachingr from eye to eye over crown; upper neck and under parts white; extensiver white patch in wing; bill bluish-gray.r Female: Upper parts dark gray includingr head; an elongate, white area on side ofr head; white patch in open wing. In flightr may give deep guttural notes; wingsr vibrate rapidly; appears stocky with large head; takes off heavily, leavingr wake behind. Nests in tree cavities.rr r

r Frequents bays and saltwater sloughsr and, interiorly, fresh and alkaline lakesr and ponds. C.V. to Yosemite region.r

rrrrr

r r HOODED MERGANSER (Lophodytes cucullatus):r r 16-19 in. Head, neck,r and anterior part of back black; broadr white bar from behind eye to near rearr margin of head; white patch extendsr into fan-shaped area when crest elevated;r breast white; two black bars inr front of wing; flanks reddish-brown;r wings with white area, barred withr black; iris yellow. Female: Dark headr and neck; pale reddish - brown crest;r white patch in wing. Entire body heldr level in flight. Nests in tree hollows.r

r r

r Frequents ponds and slowly flowingr streams bordered by willows; occursr on sloughs in marshlands. Several winterr and spring records for Yosemite.r

r r

hind- latter Cress patch	r r COMMON MERGANSER (Mergus merganser):r r 22-27 in. Head and upperr neck greenish-black; neck inconspicuouslyr crested; upper back black;r lower back and tail gray; neck and underr parts white, tinged with salmon;r long, narrow, red, serrated, hookedr bill; feet and iris red. Female and immature:r tusually conspicuous;r throat white; head and upper neckr orange-brown; back and tail gray; whiter in black wing; below whit=. Inr flight entire body held horizontally.rr r
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	Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
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## **HAWK-LIKE BIRDS:r Order Falconiformesr**

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### r AMERICAN VULTURES:r Family Cathartidaer

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r r TURKEY VULTURE (Cathartesr aura):r r 2-2 1/2 ft. Upper parts blackish;r under parts blackish-brown; under sider of wings in area of primary and secondaryr feathers ash-gray; red, bare head;r bill whitish; feet flesh-colored. Voice ar low hiss, seldom uttered. Carrion feeder.r Nests in cavities in cliffs or in hollowr trees.r

r r

r Uncommon R. in the Sierra Nevada,r moving to foothills in winter. Has been observed as high as 10,000 feet on Mountr Dana but more commonly seen at lower elevations.r

r r

### r KITES, HAWKS, AND EAGLES:r Family Accipitridaer

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r *r GOSHAWK (Accipiter gentilis):r* r 20-26r in. Above bluish-gray; top of headr blackish; white line over eye; belowr white, streaked and waved with dusky;r at a distance *under parts appear lightr gray;* black bars across tail; tip of tailr edged with white. Female: Larger thanr male. Immature: Above brown; belowr streaked with brown on whitish; tailr with dark crossbars and broadly tippedr with white.r

r r

r Nests from 5,000 to 9,000 feet inr well-forested mountains. In summer associatedr with coniferous forests butr when in the lowlands usually frequentsr broken woodland. R, in the Sierrta Nevadar but often moves to lower elevationsr in winter. Recorded as nesting nearr Yosemite Valley.r

r r

r SHARP-SHINNED HAWK (Accipiterr striatus): 10-15 in. Resembles Cooper's hawk but tail *square-tipped*, notr rounded as in Cooper's hawk. Female:r Larger than male, resembling in size ar male Cooper's hawk from which it isr distinguished with difficulty. Feedsr largely on other birds.r

r r

r Frequents deciduous or coniferousr woodland in summer. Widespread W.V.r at lower elevations. R. in Yosemite region,r occasionally nesting in Yosemiter Valley.r r r r

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r <u>r</u> r COOPER'S HAWKr

r r COOPER'S HAWK (Accipiter cooperii):r r 14-20 in. Above gray or softr brown, darker on crown and nape; whiter on nape feathers obscured by brown unlessr hawk bends head downward or raisesr feathers; long rounded tail with crossbarsr of dark brown; tail feathers tippedr with white; wings relatively short andr broad; under parts white with closely setr crossbars of reddish-brown and longitudinal black streaks. Female: Resemblesr male but is larger. Immature: Abover brown; below white coarsely streakedr with brown. Feeds on small mammalsr and birds.rr r

r Frequents wooded streams and canyonsr both in mountains and lowlands.r Permanent R. Nests in Yosemite region,r including Yosemite Valley.r

r r

r r SWAINSON'S HAWK (Buteo swainsoni):r r 19-22 in, Light phase: Above darkr brown; chin and throat whitish; breastr often with broad band of reddish-brown;r belly white; under parts of wings buffr anteriorly; from above, tail gray, oftenr with whitish base. Dark phase: Generalr coloration dark brown, almost black,r lighter on flight feathers and some reddish-brownr on under parts; no rust inr tail as in adult black phase of redtail.r Female: Larger than male. In spring andr fall migration may be seen in flocks,r differing thus from most other hawks.r

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r Frequents dry plains and woodlandr of foothills and valleys; occasionallyr in high mountains. An occasional S. V.r to high elevations in Yosemite region.r

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r <u>r</u> r RED-TAILED HAWKr r

r *r RED-TAILEDr HAWK* (*Buteo jamaicensis*):*r* r 19-24 in. Upper parts darkr brown; throat heavily streaked withr brown; breast whitish with indistinctr brownish band; belly tawny, markedr with dark brown; under parts of wingsr without light area anteriorly, differingr in this respect from Swainson's hawk;r *tail rusty*. Female: Larger than male.r Immature: Similar to adult but tailr brownish-gray and barred with dusky.r Often seen soaring. Feeds largely onr gophers, ground squirrels, and other smallr mammals.rr r

r Widespread R. occurring from ther lowlands to the mountains. Most common large soaring hawk in the Yosemiter region; observed as high as 12,000 feet,r at the summit of Parsons Peak.r

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r marsh hawk (Female)r

r r MARSH HAWK (Circus cyaneus):r r 18-24 in. Above, bluish-gray; rumpr white; tail long, crossed by black bars;r tips of wings black; below white withr scattered small reddish-brown spots; neckr and breast light bluish-gray. Female:r Larger than male; above, dark brown;r rump white; below tawny; neck andr breast streaked; tail barred; legs and toesr orange-yellow. Immature: Similar to femaler but darker; rich dark brown abover and on sides of neck and cheeks; belowr dark cinnamon-rufous, streaked on breast.r Nests on the ground.rr r

r Frequents salt and freshwater marshesr and grassland from the lowlands to ther Canadian life zone; chiefly W. V. and C.r V. to Yosemite region.r

r *r BALD EAGLE* (*Haliaeetus leucocephalus*):*r* r 30-36 in. *Head and tail white*;*r remaining plumage dark brown*. Immaturer entirely dusky brown except sometimesr for touches of whitish on wingr lining (not at bases of primaries as inr immature golden eagle) and, when approachingr adult plumage, whitish at baser of tail feathers; no well-defined darkr band at tip of tail. To a considerabler extent scavenging in habit, feeding onr carrion and dead fish but also capturesr rabbits and rodents. Occasionally frightensr the osprey into dropping its fish preyr which is then taken by the eagle.r

r r

r Frequents ocean shores, lake margins,r and rivers for foraging and nesting butr ranges widely over diverse terrain. Mostr likely to be seen at lower elevations in the Yosemite region. Reported as nestingr at Bower Cave, Mariposa County.r

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r *r GOLDEN EAGLE* (*Aquila chrysaetos*):*r* r 30-40 in. Largest land bird ofr Yosemite region. Generally dark brown;r head and neck tinged with, golden brown;r when seen in flight from below, nearlyr uniformly dark brown; white at base ofr tail; tarsi fully feathered; feet greenish-yellow;r bill bluish. Female: Larger thanr male. Immature: Ash-gray patch towardr wingtip; tail white with tip broadlyr bordered with black. Feeds commonly onr ground squirrels and rabbits.r

r r

r R. throughout the Sierra Nevada.r Commonly breeds in the Upper Sonoranr and Transition life zones butr occasionally to above timberline. Oftenr seen soaring near rim of Yosemite Valley.r

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### r OSPREYS: Family Pandionidaer

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r <u>r</u> r OSPREYr

r r OSPREY (Pandion haliaetus):r r 21-24 in. Entirely dark brown above; belowr generally white; white over eye and onr chin; from distance head may appearr predominantly white; white of upperr throat and breast broken by brownr streaks; underside of wing largely whitishr with dusky patch near front edge towardr tip; legs long, covered with white feathersr for much of their length; wings longr and slender. Female: Larger than

male.r Frequents bodies of water. Captures fishr by diving feet first to the surface of ther water, often from considerable heights.r Nest of sticks on ground or a dead tree.rr r

r Summer R., principally along the coastr and on larger lakes. C. V. to Yosemiter region; most likely to be seen at Hetchr Hetchy and Lake Eleanor.r

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#### r FALCONS: Family Falconidaer

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#### r PRAIRIE FALCONr

r PRAIRIE FALCON (Falco mexicanus):r r 17-20 in. Above, grayish-brown;r inconspicuous white line over eye; below,r white with streaks and spots of brown;r dark line on check; throat white; darkr patch at base of wing contrasting with generally light-colored under parts, seen in flight. Female: Larger than male. Immature:r Generally gray.rr r

r Widely distributed R. but nowherer common. Frequents dry, open terrainr end rocky ledges. Nests at lower elevationsr but wanders to above timberliner in summer. C. V. to Yosemite region;r observed at Yosemite Valley and in ther high Sierra.r

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r <u>r</u> PEREGRINE FALCONr

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r r PEREGRINE FALCON (Falco peregrinus):r r 15-20 in. Head dark above andr at sides; throat white or buffy borderedr on each side with black bar; remainingr upper parts slaty blue to brownish-black;r rest of under parts buffy orr whitish crossed with narrow black bars.r Female: Larger than male; under partsr strongly marked with dark brown barsr on light brown. Immature: Below profuselyr streaked with black on buff. Feedsr on other birds caught in flight.rr r

r Frequents cliffs. Widespread R. exceptr in southeastern deserts. C. V. in Yosemiter region. Sometimes seen near brink ofr Upper Yosemite Fall.r

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r <u>r</u> r SPARROW HAWKr

r *r SPARROW HAWK (Falco sparverius):r* r 9-12 in. Top of head and backr reddish-brown; back crossbarred withr black; tail rusty with broad black bandr at tip; tip of tail edged with buffy;r forward part of wings (when folded)r and band bordering top of head bluish-gray;r *two vertical black bars on side ofr face*; below buffy with black spots onr sides and belly. Female: Resembles maler except larger, no slate on wings, andr under parts streaked heavily with darkr r r r brown; rump and tail crossed by blackr bars. Immature: Resembles female. Mayr be seen poised in the air on rapidly beatingr wings. Feeds on small rodents andr insects which it catches on the ground.rr r

r Frequents open country such as plains,r deserts, fields, and unforested hillsides.r Uses dead trees, rocks, fence posts, telephoner poles and wires as perches. R. atr lower elevations; often ranges higher inr mountains in summer. R. in Yosemiter region where in summer it ranges as highr as the Hudsonian life zone. To be seen

Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins about meadows in Yosemite Valley.r

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r VULTURES, HAWKS and EAGLESr

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#### **FOWL-LIKE BIRDS:r Order Galliformesr**

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r GROUSE: Family Tetraonidaer

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r <u>r</u> r BLUE GROUSEr

r *r BLUE GROUSE* (*Dendragapus obscurus*): r r 16-19 in. Generally dark gray;r wings relatively short and broad; underr parts gray; *tail blackish*, *tipped withr light gray band*; bare skin above andr below eye yellow to orange; *legs feathered*.r Female: Above brown mottled withr black and buff; breast brown, barred withr buff; belly whitish. Song a low-pitchedr series of a half-dozen hoots, becomingr fainter toward the end. A single noter like *broop* or *boont*, of ventriloquialr quality. Whirring sound produced inr flight. Feeds largely on fir needles. Nestsr on ground.rr r

r R. in coniferous forests (chiefly ofr Douglas-fir and white and red firs) ofr r r the Sierra up to an elevation of 11,000r feet. Fairly common R. in Yosemite regionr in Canadian and upper Transitionr life zones; ranges into the Hudsonianr zone in late summer.r

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r *r SAGE GROUSE (Centrocercus urophasianus):r* r 22-30 in. Above variegatedr brown, black, gray, and buff; belowr whitish, marked on throat and breastr with black; *belly black; tail long withr stiff, pointed feathers;* bill and feetr blackish. Female: Smaller, with shorterr tail. Resembles small turkey. Whirringr sound produced in flight.r

Birds of Yosemite National Park	(1954.	. 1963) by	v Cvril A.	Stebbins and Ro	bert C. Stebbins

r r

r Inhabits sagebrush flats, dependingr upon this plant for food. C. V. to Yosemiter region east of Sierran crest. Reportedr from near Granite Lake andr Mount Conness.r

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### r QUAIL AND PHEASANTS:r Family Phasianidaer

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r <u>r</u> r MOUNTAIN QUAILr

r *r MOUNTAIN QUAIL (Oreortyx pictus)r* r 10 1/2-11 3/4 in. Above brownish-grayr tending toward slaty anteriorly;r throat chestnut, bordered on sides ofr neck with white; breast slaty; *sidesr reddish-brown broken by white and blackr patches; plume long and slender*, tippingr toward back or held erect. Immature:r Chiefly brown; sides of throatr black; plume short. Call a single, strong,r r r r mellow, whistled *woork*, given atr intervals.rr r

r R. on mountain slopes covered with brush (manzanita, chinquapin, snowbush,r etc.) and broken forest. In higher mountains migrates on foot to lower elevation in winter. In Yosemite R. in the Canadian and Transition life zones.r Occurs with the California quail in ther lower Transition zone, as in Yosemiter Valley.r

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r CALIFORNIA QUAIL (Lophortyxr calif ornicus):r r 9 1/2-11 in. Above grayish-brown;r forehead tawny; top of headr brown; feathers of belly edged withr black giving scaled appearance; bellyr buff, with rusty patch in middle; sidesr brown, with whitish streaks; bib of blackr with white border; plume black tippingr forward toward bill. Female: Lacks blackr bib and is generally duller; plume smaller.r California state bird. As with mountainr quail, birds gather in covies.rr r
r Favors brushland broken by tracts ofr grass or weedy ground. Found at lowerr elevations in the Yosemite region, inr the Upper Sonoran life zone and occasionallyr in the lower Transition life zone,r as in Yosemite Valley.r
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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins

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### **CRANE-LIKE BIRDS:r Order Gruiformesr**

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#### r RAILS: Family Rallidaer

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r <u>r</u> r VIRGINIA RAILr

r *r VIRGINIA RAIL (Rallus limicola):r* r 9-101/2 in. Above dark brown; sides ofr head gray; *white line over eye reachesr bill; breast cinnamon;* posterior portionr of belly black crossed by lines of white;r wings short; bill long, slightly curvedr near tip, brownish. Immature: Dull blackr above; chin and throat white; remainingr under parts black and white. When walkingr jerks head and neck. Secretive.rr r

r Frequents freshwater marshes andr sometimes salt marshes. C. V. to Yosemiter region in summer. Has been seenr in Yosemite Valley.r

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r AMERICAN COOT (Fulica americana):r r 13-16 in. (Ill. p. 20.) Head andr neck black, setting off whitish bill; billr with dark spots at tip; most of rest ofr body slate-gray; white area under tail;r iris red; feet greenish with lobed toes.r Immature; Below whitish; no dark spotsr on bill; iris brown. Very young birdsr black with orange-red bill and orange onr throat, head, and back. Moves head backr and forth when swimming.rr r r R. on lakes and marshes. In winterr withdraws from higher altitudes to lowlands.r C. V. to Yosemite region; onr Merced River, Mirror Lake, and highr Sierran lakes.r
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r RAILS: Family Rallidaer

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### PLOVER-LIKE BIRDS:r Order Charadriiformesr

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r PLOVERS: Family Charadriidaer

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r <u>r</u> r KILLDEERr

r *r KILLDEER* (*Charadrius vociferus*): *r* r 9-11 in. Above brown; rump and baser of tail feathers rusty; below white; *twor black bands on chest; white band aroundr neck;* white thumb-marks on tail feathersr diminishing in size toward center. Runsr along the ground as though balancing ar package on its head. Immature: Generallyr duller with more rust above. Voicer a shrill, high-pitched *kill-dee*, *kill-dee*, r accent on last syllable; may be heardr calling late at night. Eggs often laid onr bare ground in gravelly or sandy placer where difficult to see because of their resemblance to the background.rr r

r Frequents meadows, cultivated lands,r and shores of lakes, ponds, and streams.r Widespread, abundant R., withdrawingr from higher elevations and more northerlyr areas in winter. S.V. to wet meadowsr in Yosemite region such as Tuolumner Meadows and parts of Yosemite Valley.r

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r SNIPE, SANDPIPERS, ETC.:r Family Scolopacidaer
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r r SPOTTED SANDPIPER (Actitis macularia):r r 7-8 in. Above brown; faintr white line over eye; line of white spotsr in wing when extended; tail short,r brown, outer feathers barred with brownr and white; below white with round duskyr spots; spots absent in immature birdsr and in adults in winter; bill orange-yellow,r slightly curved downward. Bobsr and teeters. In flight wings curve downwardr in shallow arc and wingtips vibrate.r Voice peet weet, the first note the higher.r Eggs often found laid on bare gravellyr or sandy ground.rr
r Frequents rocky ocean shores in winter.r Summers in mountains, frequentingr sand- and gravelbars along streams andr lake shores. S. V. to Yosemite region.r Seen along the Merced River in Yosemiter Valley (where it nests) or in Tuolumner Meadows.r
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r r COMMON SNIPEr

r r COMMON SNIPE (Capella gallinago):r r 10 1/2-11 1/2 in. Plumage generallyr brown; crown crossed by

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black and whiter stripes; brown line from bill to eye; long,r slender, straight bill; tail reddish-brownr with black bars and whitish tip; bellyr whitish; breast light brown marked withr darker brown spots. Seldom seen awayr from cover, where it is well concealed.rr r

r Breeds chiefly east of the Sierra andr to the north. C. V. to Yosemite region,r having been observed in Yosemite Valleyr and on the Tuolumne River at 9,000r feet.r

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#### r AVOCETS AND STILTS:r Family Recurvirostridaer

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r <u>r</u> r AMERICAN AVOCETr

r *r AMERICAN AVOCET* (*Recurvirostrar americana*): r r 16-20 in. Head, neck,r and breast washed with light cinnamon-brown; r eye-ring and base of bill white; r white patch down middle of back borderedr on each side with black, blackr areas in turn bordered with broad whiter stripes; belly white; bill long, upturned; r iris red. Adult in winter and immature: Head, neck, and chest grayish.rr r

r Frequents expanses of shallow waterr as in marshes or grazing lands; inhabitsr coastal shores. C. V. to Yosemite region.r A single record for Yosemite Valley,r several for Tenaya Lake and Tuolumner meadows. Often seen at Mono Lake inr summer.r

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### r PHALAROPES:r Family Phalaropodidaer

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r *r WILSON'S PHALAROPE* (Steganopus tricolor): r r 8 1/2-10 in. Female: Topr of head, stripe down back of neck, andr upper back ash-gray; black stripe backr of eye extends down side of neck andr blends with rich chestnut on lower neck; r base of tail and under parts white; feetr black; no light-colored wing stripe. Male:r Similar to female but duller; top of head,r wings, and back brown; sides of neckr dull reddish-brown. Adult and immaturer in fall: Above ash-gray; white line overreye; under parts white; line back of eye,r dusky.r

r r

r The phalaropes show a reversal of ther usual situation among birds. The femaler is the brighter and is the aggressor inr courtship. The male incubates the eggsr and cares for the young.r

r r

r Frequents marshes and wet meadowsr where there is open shallow water. C. V.r to Yosemite region where it has been observed in Yosemite Valley. Commonr S. V. on Mono Lake.r

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r <u>r</u> r NORTHERN PHALAROPEr

r r NORTHERN PHALAROPE (Lobipesr lobatus):r r 7-8 in. Female: Back, hind-neck,r and head slaty or lead-colored;r back streaked with rusty; sides of neckr and upper breast rufous; eyelids, chin,r throat, and remaining under parts white;r white bar in extended wing. Male: Resemblesr female but less reddish-brownr and back marked with more black andr white. Adults in winter and immature:r Upper parts streaked with black andr white; top of head and behind eye dusky;r white line over eye.rr r

r Often seen in flocks. Head is movedr back and forth when swimming. As withr other phalaropes, a whirling motion ofr the body is often employed in feeding.r This may stir up small aquatic animalsr that are common in their diet.r

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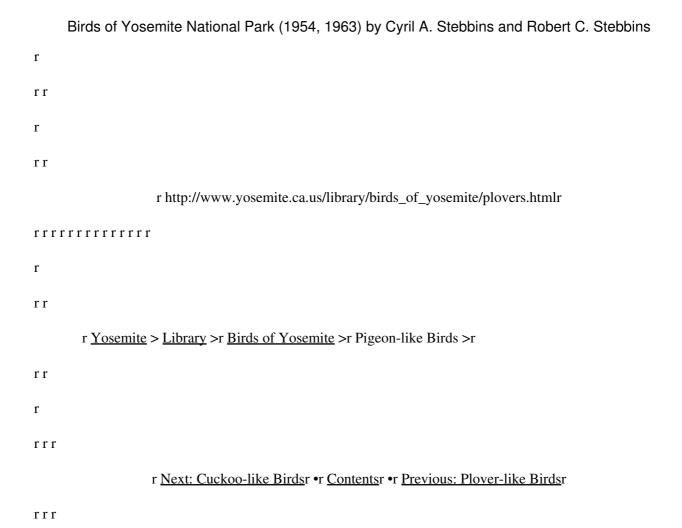
r Most common along the coast but alsor on sloughs and ponds inland. C. V. tor Yosemite region; observed in Yosemiter Valley. Large numbers in spring and later summer on Mono Lake.r

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### r GULLS AND TERNS:r Family Laridaer

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r CALIFORNIA GULL (Larus californicus): r r 20-23 in. Head, neck, tail, andr under parts white; back gray; primariesr black, tipped with white; a large whiter spot inside tip of second primary andr sometimes also first; bill pale yellow withr red spot preceded by black spot near endr of lower mandible; feet greenish-gray;r iris dark brown. In a flock of gulls, manyr may be seen that are mottled with grayish-brownr and whitish, with, blackishr primaries and black at the tip of ther flesh-colored bill; others approach morer nearly the plumage of the adults. Suchr birds are immatures, 1 to 3 years old.rr r
r Along the coast and about inlandr bodies of water. C. V. to the Yosemiter region. Observed on Tenaya Lake (8,141r feet) and Young Lake (10,000 feet) andr on other lakes of the high Sierra. Abundantr at Mono Lake.r
rr r
rr
r r r RING-BILLED GULL (Larus delawarensis): r r 18-20 in. Resembles Californiar gull, but bill yellow encircled byr black band near tip, back lighter gray,r feet yellow, and iris light yellow. Immature:r Differs from California gull inr having narrower and better defined darkr band at tip of tail.rr r
r C. V. on interior bodies of water.r Occasionally seen in Yosemite Valley.r
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### **PIGEON-LIKE BIRDS:r Order Columbiformesr**

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### r PIGEONS AND DOVES:r Family Columbidaer

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r <u>r</u> r BAND-TAILED PIGEONr

r *r BAND-TAILED PIGEON* (*Columba fasciata*):*r* r 15-20 in. Above bluish-gray;r back of neck has dark green area, marginedr anteriorly with white band; lowerr abdomen whitish; breast and upper abdomenr pinkish-brown; *dusky band acrossr tail; resembles domestic pigeon in sizer and shape*. Clapping sound made byr wings when bird takes flight. Travels inr flocks. Voice a deep, mellow too whoo.r Feeds on acorns, berries, etc.rr r

r Frequents oak woods, often wherer mixed with conifers. Permanent R.r largely west of the Sierran divides. Considerabler shifting about of flocks inr winter. Occurs in mountains (Transitionr life zone) in summer and in or nearr foothills (Upper Sonoran life zone) inr winter. S. V. to the Yosemite region butr some birds to be seen in Yosemite Valleyr almost any season.r

r r

r *r MOURNING DOVE* (*Zenaidura macroura*):*r* r 11-13 in. Above soft olive-brown;r wings marked with oval blackr spots; top of head gray; below pinkish-brown;r central tail feathers long, outerr ones tipped with white; *tail long andr pointed*. Whistling noise made by wingsr when bird takes flight. Voice a plaintive,r mellow *coo-ah*, *coo*, *coo*, the secondr syllable higher than the rest.r

r Frequents chiefly open deciduousr woodland or grassland and chaparral butr also ranges onto the open ground ofr plains and deserts. R. in the Sierran foothillsr and San Joaquin Valley. C. V. tor Yosemite region, in Yosemite Valley andr at higher elevations to 10,300 feet, asr near Vogelsang Lake.r		
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Cyril A. Stebbins and Robert C. Stebbins		
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CUCKOO-LIKE BIRDS:r Order Cuculiformesr		
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r CUCKOOS, ROADRUNNERS,r ETC.: Family Cuculidaer		
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r <u>r</u> r		
r ROADRUNNER ( <i>Geococcyx californianus</i> ): r r 20-24 in. Above dusky brown,r streaked with tawny and rusty; crested;r long tail with outer feathers tipped withr white; in flight white crescent seen inr short rounded wings; two toes in frontr and two behind producing X-shapedr footprint. <i>Usually runs rather than flies</i> .r Song resembles the whining of a dog;r alarm note a gutteral, rattling <i>brrrr</i> .rr r		
r Found chiefly in the Lower and Upperr Sonoran life zones, most commonlyr in the former. Frequents open groundr interspersed with brush and scatteredr larger bushes or small trees. Sparse R.r in foothills near western edge of park.r		
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## **OWLS:r Order Strigiformes**

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## r TYPICAL OWLS:r Family Strigidaer

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r <u>r</u> r SCREECH OWLr

r r SCREECH OWL (Otus asio):r r 8-10 in. Above gray, finely streaked with black; below lighter, streaked and barredr with black; "ear" tufts at sides of head,r wanting in immature in summer; larger yellow eyes. Song a low-pitched whistler with notes near one pitch; notes stacatto,r beginning slowly, accelerating,r and dropping slightly in pitch. Nests inr tree cavities, often those dug by larger woodpeckers.rr r

r Frequents oak woodland, broken coniferousr forest, and willow and cottonwoodr stream-borders. R. below aboutr 5,000 feet elevation in the western partr of the Yosemite region. Found in Yosemiter Valley, especially among canyonr live oaks.r

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	r GREAT HORNED OWLr

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r r GREAT HORNED OWL (Bubo virginianus):r r 18-25 in. Above mottled with gray and brown; throat white; rest of runder parts with narrow wavy blackr bars on whitish; horn-like "ear" tufts; r large yellow eyes. Voice a deep, resonant,r low-pitched whoo too-whoo whoo whoo,r all essentially on one pitch. The femaler has a higher pitched voice of more variabler pattern.rr r

r R. in a variety of habitats from wooded areas to desert cliffs, occurring from sea level to timberline. Widelyr distributed in the Yosemite region,r largely below the Hudsonian life zoner but occasionally in this zone. Observedr at Ten Lakes and at 10,700 feet on ther Lyell Fork.r

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#### r PYGMY OWLr

r PYGMY OWL (Glaucidium gnoma):r r 7-7 1/2 in. Above dark, brownish-grayr with whitish spots, most abundant onr head; throat white; below white, streakedr with fine black lines; tail long for owl,r barred with white; projecting back at angle when bird is perched; no "ear"r tufts; eyes yellow. Voice a slow seriesr of mellow whistled notes often on oner pitch, occasionally interrupted with ar r r r rapid series—whoot, whoot, cahoot, tootoo-too-too-too-too, r whoot, whoot, etc.r May be heard in the daytime. Oftenr nests in woodpecker holes. Most activer in early morning, later afternoon, andr at dusk. Smallest owl in Yosemite.rr r

r Frequents open coniferous and deciduousr woods chiefly in the Transition andr occasionally in the Canadian life zone in the mountains where it is a permanent R.r Common in the Yosemite region.r

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r LONG-EARED OWL (Asio otus):r r 13-16 in. Above mottled dark brown,r buffy, and gray; below yellowish-brownr and white with streaks and bars of darkr brown; catlike face; brown patch onr tawny lining of wing near tip seen inr flight; long "ear" tufts immediately overr eyes. Song a low, pidgeon-like whooo,r given singly, often with lengthy intervals.r Cat-like meowing notes may ber heard if the birds are disturbed at ther nest. Often uses abandoned crow orr magpie nests for nesting.rr r
r Frequents thick foliage, particularlyr willow thickets, groves of aspen or cottonwoods,r or dense stands of youngr conifers. R. in the Yosemite region belowr the Canadian life zone. Observed in Yosemiter Valley and at Swamp Lake.r
rr
r r GREAT GRAY OWL (Strix nebulosa):r r 24-33 in. Large, light gray facial r discs marked faintly with dusky concentric rings; eyes yellow; no "ear" tufts; r above dark brown with light grayish mottling; under parts light gray streaked lengthwise with dark brown. Voice ar deep reverberating whoo given at itr regular intervals. Yosemite nesting records near Glacier Point and at Craner Flat. Largest owl in Yosemite region.r
rr
r R. with some wandering in winter.r Chiefly in coniferous forests of the Sierrar Nevada from Madera County northward.r Probably permanent R. in Yosemite regionr where it has been observed in firr and pine woods in the Canadian zone.r
rr
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r <u>r</u> r SHORT-EARED OWLr r

r r SHORT-EARED OWL (Asio flammeus):r r 13-17 in. Above mottled yellowish-brownr and dark brown, streaked onr head and neck; below buffy streakedr with dark brown, conspicuously so onr chin and breast; buffy patches on upperr surface of wings; under surfaces of wingsr buffy with dark mark toward tip; facialr discs dark around eyes, fading into gray;r inconspicuous "ear" tufts. Forages inr the daytime.rr r

r Usually occurs in marshy land andr open fields. Rare C. V. to Yosemiter region. Has been seen at 11,000 feetr on Mount Clark.r

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r *r SPOTTED OWL* (*Stria occidentalis*): r r 18-19 in. Upper parts rich brown,r spotted with white; eye discs lightr brown, tinged with yellow, borderedr with dark brown; no "ear" tufts; underr parts yellow brown, heavily barred andr spotted with white; tail barred and tippedr with whitish; eyes dark. Call resemblesr the barking of a dog.r

r r

r R. in dense forests of the Transitionr life zone of the Sierra to about 7,000r feet. Has been observed in Yosemiter Valley.r

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r r SAW-WHET OWL (Aegolius acadicus):r r 7-8 in. Above brown, spottedr with white; "ear" tufts. absent; top ofr head and neck with fine white streaksr on brown; white over eyes; under partsr with strong, reddish-brown bars onr whitish; white spots on wing; tail inconspicuous,r with white bars. Immature:r Chocolate brown above; tawny below,r with dark streaks; sooty face with whiter "eyebrows." Call a long series of staccator notes, near one pitch but varying inr volume.r

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r Frequents woodland and coniferous forests of the Transition and Canadian life zones. Sparse R. in Yosemite region.r Recorded as nesting in Yosemite Valley.r

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## Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins r Next: Goatsucker-like Birdsr •r Contentsr •r Previous: Cuckoo-like Birdsr

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## **GOATSUCKER-LIKE BIRDS:r Order Caprimulgiformesr**

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r GOATSUCKERS:r Family Caprimulgidaer

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r <u>r</u> r COMMON NIGHTHAWKr

r r COMMON NIGHTHAWK (Chordeiles minor):r r 8 1/2-10 in. Above black,r marked with gray and brown; tailr forked; white band crosses outer tailr feathers near tip, wanting in female;r white across throat, bully in female;r white band midway between tip andr bend in long, slender wings; under partsr gray, cross-barred with dusky. Forages inr the air usually at dusk, catching insectsr with its large, widely opened mouth.r Flight erratic. Voice a harsh raspingr speeink. May dive toward the groundr with extended, fixed wings. At the bottomr of the swoop the wings are bentr suddenly downward and a startlingr sound, "whoof," is produced by the rushr of air through the primary feathers.r Eggs laid on bare ground.rr r

r Frequents open coniferous forests ofr high mountains in summer, usuallyr where there is open rocky ground forr nesting. S. V. in the Transition, Canadian,r and Hudsonian life zones in ther Yosemite region. Seen chiefly in highr mountain areas such as Tuolumne Meadows,r at Merced and Vogelsang Lakes,r and occasionally in Yosemite Valley.r

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r POOR-WILL (Phalrenoptilus nuttallii):r r 7-8 in. Grayish-brown, markedr with black and silvery gray; darker below;r white band on throat bordered withr black; white tips on outer tail feathers;r tail short, cut straight across; no whiter wing-bars seen in flight as in nighthawks;r mouth large, bristled. Foragesr later and at a lower elevation than ther booming nighthawk. Song a plaintiver whistle, poor-will, the second noter slurred, longer and lower than first.rr r
Frequents rocky, gravelly terrain orr bare soil, grown scatteringly to bushesr and trees. Frequents the Lower Sonoranr to the Transition life zone, from Sanr Joaquin Valley to Yosemite Valley. S. V.r at lower elevations n Yosemite.r
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## **SWIFTS AND HUMMINGBIRDS:r Order Apodiformesr**

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r SWIFTS: Family Apodidaer

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### r VAUX'S SWIFTr

r *r VAUX'S SWIFT (Chaetura vauxi):r* r 4 1/2 in. Above dark brown, lighter onr rump and tail; throat and breast lightr gray; rest of under parts sooty; tailr short, not forked. Flight strong, swift,r erratic, consisting of glides with wingsr extended stiffly from body and distinctlyr bowed downward, alternating with rapidr wingbeats. Nests in burned-out, hollowr tree trunks, mostly redwoods.rr r

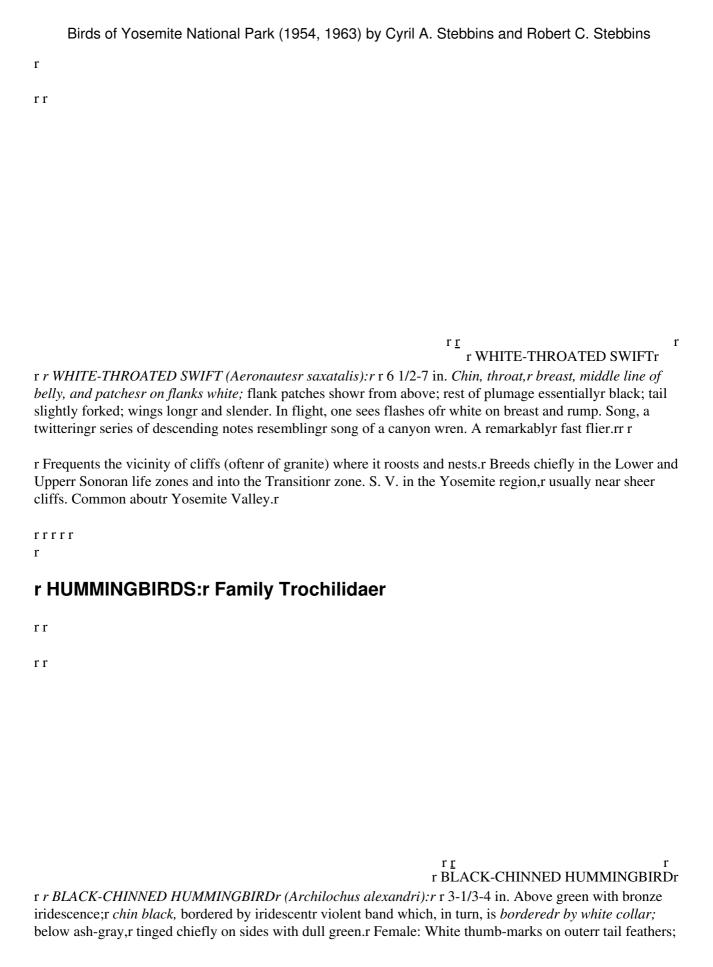
r In summer found along the coast from Santa Cruz Co. northward and occasionallyr in the Sierra. M. throughout, including Sierra. C. V. to Yosemite region.r Recorded in Yosemite Valley.r

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r *r BLACK SWIFT* (*Cypseloides niger*): *r* r 7 in. General coloration black; at closer range small amount of white may ber seen about face; undersides of wings mayr appear silvery at certain angles; slenderr curving wings; tail slightly forked. Voicer a high-pitched twitter. Nests in cliffsr near waterfalls or in sea-bluffs.r

r r

r S. V., breeding in the Transition lifer zone of the central coast of California,r and the central and southern Sierrar Nevada. Seen in Yosemite Valley andr found nesting in Tenaya Canyon.r r



Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins under parts, including throat, chiefly white; throat with faintr dark flecks.rr r

r Inhabits mountains, foothills, canyons,r and gardens in lowlands during ther summer. Nests chiefly in deciduous treesr along stream bottoms in the Upper Sonoranr life zone. In Yosemite region,r S. V. at lower elevations, higher in later summer. Observed at El Portal, Yosemiter Valley, and Mono Lake.r

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r *r ALLEN'S HUMMINGBIRD* (*Selasphorus sasin*): *r* r 3 1/2 in. *Back metallicr green; tail reddish-brown; throat copperyr red;* below rich brown except white onr breast. Female: Essentially like femaler rufous hummingbird.r S. V. in Transition and Canadian lifer zones of Sierra during post breedingr southward migration, when it rangesr widely. C. V. to Yosemite region. Hasr been observed in Yosemite Valley andr up to Badger Pass and Gin Flat.r

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r ANNA'S HUMMINGBIRDr

r r ANNA'S HUMMINGBIRD (Calypte anna):r r 4 in. Above greenish; foreheadr and throat iridescent crimson; throatr with elongated feathers on each side;r under parts dusky with green tinge. Female:r Throat usually flecked with crimson;r white thumb-marks on tips of outerr tail feathers. Largest hummingbird ofr the region.rr r

r Frequents broken chaparral and woodland.r Breeds chiefly in the Upper Sonoranr life zone but widely distributed whenr not breeding. In the Yosemite region R.r in the foothills and a S. V. to the Transitionr life zone.r

r r

r *r RUFOUS HUMMINGBIRD* (*Selasphorusr rufus*): r r 3 1/2-4 in. *Above rufous*r with faint greenish tinge to head andr sometimes back; throat iridescent copperyr red or brilliant crimson borderedr below with white band; below richr brown; rufous on sides. Female: Abover green, tinged with rufous; throat sometimesr with some red; faint rufous onr sides; white thumb-marks on outer tailr feathers.r

r r

r M. chiefly in lowlands and foothillsr when moving north, and along the mountainsr when returning south. M. in ther Yosemite region. Most likely to be seenr at higher elevations in July and Augustr when in southbound migration. Seenr above 12,000 feet, Parsons Peak.r
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r CALLIOPE HUMMINGBIRD (Stellular calliope):r r 2 3/4-3 1/2 in. Above metallicr green; below white; sides greenish-brown; riridescent throat patch of reddish-purpler feathers which, especially when bird isr excited, radiate like spread fingers of one'sr hand. Female: Head and back green,r washed with bronze; white throat, fleckedr with dusky; under parts washed withr reddish-brown; tail feathers tipped withr white. Smallest hummingbird in ther United States.rr r
r S. V. in the Transition and Canadianr life zones in the Yosemite region. Seenr from March to September in Yosemiter Valley where it breeds.r
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## **ROLLER-LIKE BIRDS:r Order Coraciiformesr**

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r KINGFISHERS: Family Alcedinidaer

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r <u>r</u> r BELTED KINGFISHERr

r *r BELTED KINGFISHER* (*Megaceryle alcyon*):*r* r 11-14 in. Above slaty blue; r *white band around neck;* brownish-bluer band across breast; prominent slaty bluer crest; bill long and strong; below white; r sides with gray and, sparingly, brown.r Female: Similar to male, but with additionalr band (rusty) across belly andr chestnut on sides. Call loud, harsh,r rattling sound, often heard in flight.r Nests in holes in earthen banks nearr water.rr r

r Attracted to both salt and fresh waterr where it feeds on small fishes. Frequentsr lakes, ponds, larger streams, and the seacoast.r Widespread R. chiefly west of ther deserts. Frequently seen along streams inr the Yosemite region to an elevation of about 8,600 feet in Tuolumne Meadows.r Nests in the banks of the Merced Riverr in Yosemite Valley.r

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## **WOODPECKER-LIKE BIRDS:r Order Piciformesr**

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### r WOODPECKERS: Family Picidaer

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r PILEATED WOODPECKER (Dryocopus pileatus): r r 17-18 in. Top of headr including crest and bar on cheek brightr red; red on head reduced and red cheekr absent in female; white line above andr below eye; long, wide stripe of white onr neck; otherwise generally black exceptr white patches in wings, more extensiver on under side. Immature: Crest salmon.r Feeds on beetle larvae, ants, and occasionally plant materials. Nests in deadr conifers and large aspens.r

r r

r Inhabits coniferous forests, especially of white and red firs and Douglas-fir.r R. in the Yosemite region in the Transitionr and Canadian life zones. To be seen in Yosemite Valley at all seasons of ther year.r

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r RED-SHAFTED FLICKERr

r r RED-SHAFTED FLICKER (Colaptesr cafer):r r 13-14 in. Crown brownish; backr barred with black; throat bluish-gray;r lining of wings and tail reddish-orange;r large, black crescent on spotted breast;r white spot on rump; male has red striper on side of head. Omnivorous, feeding onr insects, berries, and plant materials.r Often seen on the ground searching forr ants, grasshoppers, etc. Nests in self-mader cavities in cottonwoods, willows,r oaks, and conifers.rr r

Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins

r Widespread R. in Yosemite region. Inr late summer and fall may be seen nearlyr to timberline. Observed at 10,200 feetr near Parsons Peak.r
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r ACORN WOODPECKER (Female)r r ACORN WOODPECKER (Melanerpes formicivorus): r r 9 1/2 in. Foreheadr white; crown red; sides of head andr upper parts black; rump and wingr patches white; breast with black bandr from which black streaks run down onr belly. In flight, one sees flashes of blackr and white—white band in wings andr white patch on rump. Female: Resemblesr male except has black area between white on forehead and red on head.rr r
r Frequents woodland areas chiefly inr the Upper Sonoran life zone but also inr the Transition life zone. Attracted to oakr trees upon which it depends to a larger extent for food and sites for nestingr holes. Often stores acorns in dead trees,r the bark of trees, fence posts, etc. Widespreadr common R. largely west of ther Sierran divides, as at lower elevations inr the Yosemite region. A conspicuous birdr on the floor of Yosemite Valley where itr is found associated with the black andr canyon live oaks. Sometimes seen flyr atching.r
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r LEWIS' WOODPECKERr r r LEWIS' WOODPECKER (Asyndesmus lewis):r r 10 1/2-11 1/2 in. Above black,r tinged with green; no white in wings:r breast gray, approaching rose color our belly: gray collar on pape; dark red our forehead

sides of head, and chin. In flightr resembles a crow.rr r

r Erratic occurrence as R. from year tor year. Frequents broken deciduous woodlandr or coniferous forest. Breeds chieflyr in the Upper Sonoran and Transition lifer zones. Likely to be seen almost anywherer in the Yosemite region except in ther denser forests. Has been seen at 9,500 feetr above Ten Lakes.r

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> r <u>r</u> r YELLOW-BELLIED SAPSUCKERr

r *r YELLOW-BELLIED SAPSUCKER* (*Sphyrapicus* (*varius*): *r* r 8-9 in. Red-napedr sapsucker, subspecies *nuchalis*: Top ofr head bright red, encircled by narrowr black line which separates *crimson liner across nape* from red on crown; back andr wings black, boldly marked with white; r black tail with white markings downr middle; throat crimson, red color reducedr in female; black patch on breast, solid onr male, flecked with gray in female; underr parts whitish, tinged with yellow; sidesr flecked or streaked with blackish; whiter patch at wing bend.rr r

r Red-breasted sapsucker, subspeciesr *daggetti: Head, neck, and breast darkr red;* back black, mottled with white; r distinctive *white stripe along bend ofr wing,* prominent even on immature birdsr which lack reddish of head and breast; r white stripe from bill to under eyes.r

r r

r Sapsuckers circle trunks and larger branches of trees with small holes whenr foraging for sap and the tender growthr layer (cambium) beneath the bark. Theyr are especially fond of willows.r

r r

r The red-naped sapsucker breeds in ther northeastern part of California and wintersr in the south. Occasional W. V. tor the Yosemite region. The red-breastedr sapsucker breeds in northern Californiar south through the Cascade-Sicrran mountainr system to certain of the higher mountainsr of southern California, dispersingr in winter to lower elevations. It is R. inr the Transition and Canadian life zones inr the Yosemite region. Seen in Yosemiter Valley all year.r

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r <u>r</u> r WILLIAMSON'S SAPSUCKERr

r *r WILLIAMSON'S SAPSUCKER* (*Sphyrapicusr thyroideus*): *r* r 8-9 1/2 in. *Top ofr head, back, and tail black*; large whiter patch at wing bend; red streak on chinr and throat; yellow area on belly belowr black chest; sides and under tail feathersr with black marks on whitish; whiter streak under and one above eye; *rumpr white*. Female: Much different fromr male, at one time considered a differentr species. Wings, back, and sides streakedr with whitish and black; head brown; r throat streaked; black band on chest; r belly yellow; rump white. Feeds principallyr on sap and cambium, obtained byr drilling rows of small holes.rr r

r Breeds chiefly in the coniferous forestsr of the Canadian life zone. Often associatedr with lodgepole pine and red fir. Inhabitsr high mountains in summer andr and slightly lower levels in winter. R. inr the Canadian and Hudsonian life zonesr in the Yosemite region; occasional on ther floor of Yosemite Valley in winter.r

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r<u>r</u> r HAIRY WOODPECKERr

r *r HAIRY WOODPECKER* (*Dendrocopos villosus*): r r 8 1/2-10 1/2 in. Upper partsr black with *broad white patch downr middle of back*; white line above andr one below eye; *outer tail feathers white,r without bars*; nape with red stripe orr crescent, red missing in female; feathersr sometimes appear shaggy or roughened; resembles downy woodpecker but larger,r and outer tail feathers unmarked.rr r

r Frequents broken or open mixed deciduousr and coniferous forest, especiallyr where there are dead snags. R. in foothillsr and mountains. Breeds chiefly in ther Transition and Canadian life zones. Widespreadr R. in the Yosemite region exceptr in the Lower Sonoran life zone and abover timberline.r

Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
rr r
rr
r r r NUTTALL'S WOODPECKER (Dendrocopos nuttallii):r r 7 in. Nape and sometimesr crown feathers red;
back black, r crossbarred with narrow white stripesr ("convict" stripes or "ladder" back);r under parts solid white; sides spottedr with black; no red on head in female.r Voice a series of staccato notes given rapidly and largely on one pitch.rr r
r Often associated with oaks. R. chieflyr in the Upper Sonoran life zone. Frequentsr foothills and canyons west of ther Sierran crest. C. V. to lower elevationsr in the Yosemite region. Occasionallyr seen in Yosemite Valley.r
rr
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rr
r r r WHITE-HEADED WOODPECKERr r r WHITE-HEADED WOODPECKERr (Dendrocopos albolarvatus):r r 9 in. Whiter head and upper breast;
scarlet nape, absentr in female; white patch in blackr wing; rest of body black. Nests in deadr stubs, Forages to a large extent on insectsr infesting the bark of living coniferousr trees.rr r

r R. in coniferous forests, chiefly in ther Transition and lower Canadian life zones.r Present in considerable numbers in ther Yosemite region in the zones mentioned;r common at Mariposa Grove, Glacierr Point, and in

Yosemite Valley.r
rrrr
r <i>r BLACK-BACKED THREE-TOEDr WOODPECKER</i> ( <i>Picoides arcticus</i> ): <i>r</i> r 9-10 in. <i>Above black, except golden yellowr on crown</i> , wanting in female; wingsr barred with white spots; outer tail feathersr white; black stripe from bill alongr side of head, bordered above by white liner that passes below eye; under parts largelyr white; sides barred strongly with black;r two toes in front, one behind (two toesr behind in other woodpeckers in Yosemiter region).r
rr
r Usually associated with red fir, lodgepoler pine, or hemlock. Found chiefly inr the Canadian and Hudsonian life zones.r Sparse R. in the Yosemite region. Observedr near Mono Meadow, Siesta Lake,r Tenaya Lake, Tuolumne Meadows, andr McGee Lake at an altitude of 8,600 feet.r
rr
r <i>r DOWNY WOODPECKER (Dendrocopos pubescens):r</i> r 6-7 in. Resembles hairyr woodpecker but much smaller and <i>whiter outer tail feathers barred inconspicuouslyr with black</i> .r
rr
r Frequents chiefly stream-border growthr of willows, cottonwoods, and alders. Inr the Sierra Nevada it breed most commonlyr in the Upper Sonoran and Transitionr life zones. R. in the Yosemite regionr up to an elevation of 5,750 feet, as onr the Yosemite Falls Trail.r
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r http://www.yosemite.ca.us/library/birds_of_yosemite/woodpeckers.htmlr
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### **PERCHING BIRDS:r Order Passeriformesr**

rrr• Tyrant Flycatchers, Family Tyrannidae • Larks, Family Alaudidae • Swallows, Family Hirundinidae • Jays, Magpies, and Crows, Family Corvidae • Tits, Family Paridae • Nuthatches, Family Sittidae • Creepers, Family Certhiidae • Wrentits, Family Chamaeidae • Dippers, Family Cincilidae • Wrens, Family Troglodytidae • Mockingbirds and Thrashers, Familyr Mimidae • Thrushes, Family Turdidae

• Gnatcatchers, Kinglets, and Old-world Warblers, Family Sylviidae

	r • Wagtails, Family Motacillidae						
	r • Waxwings, Family Bombycillidae						
	r • Silky Flycatchers, Family Ptilogonatidae						
	r • Shrikes, Family Laniidae						
	r • <u>Vireos, Family Vireonidae</u>						
	r • Wood Warblers, Family Parulidae						
	r • Weaver Finches, Family Ploceidae						
	r • Orioles and Blackbirds, Family Icteridae						
	r • <u>Tanagers, Family Thraupidae</u>						
	r • Finches, Sparrows, etc., Familyr Fringillidae						
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## **TYRANT FLYCATCHERS: Family Tyrannidae**

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r r

r WESTERN KINGBIRDr

r *r WESTERN KINGBIRD (Tyrannusr verticalis):r* r 8-9 1/2 in. Head and nape ash-gray;r throat whitish, grading graduallyr to darker on breast, running to *yellowr on belly* and under tail; upper parts darkr gray; crown patch in male scarlet, oftenr concealed; *outer web of outer tail featherr white; tail black*, straight across. Sometimesr flies after other birds. Often perchesr on wires and telephone poles. In feedingr commonly flies out from perch andr returns.rr r

r Frequents dry open terrain usuallyr with few widely spaced trees. Breedsr chiefly in the Lower and Upper Sonoranr life zones. Found usually below 5,000r feet in the Yosemite region. Occasionallyr seen in Yosemite Valley in the summerr and fall, and at Mono Lake.r

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r <u>r</u>	r
r ASH-THROATED FLYCATCHERr	

r r ASH-THROATED FLYCATCHERr (Myiarchus cinerascens):r r 8 - 8 1/2 in.r Upper parts grayish-brown; top of headr brown; wings with two whitish bars;r throat whitish grading on breast to ashgray;r belly tinged with pale yellow;r crown feathers long, often raised, givingr appearance of crest; outer edges of primariesr and under side of tail rufous.r Nests in abandoned woodpecker holes orr other cavities in trees.rr r

r S. V. in brushlands, usually wherer there are a few trees. Breeds in the Lowerr and Upper Sonoran life zones. C. V. atr lower elevations in the Yosemite region.r Occasionally seen in Yosemite Valley.r

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r <u>r</u> r BLACK PHOEBEr

r *r BLACK PHOEBE* (*Sayornis nigricans*): *r* r 6 1/2 in. *Head, breast, and upperr parts black; belly and under tail covertsr white*; weakly crested. Immature: Headr and neck dark brown. Flies after insectsr and returns to perch. Nest of mixed mudr and grass placed on sides of buildings,r bridges, cliffs, etc. over or near water.rr r

r Closely associated with water, runningr or quiet, often where there are trees,r cliffs, or high banks. Widespread R.r breeding chiefly in the Upper Sonoranr life zone. S. V. to lower elevations in ther Yosemite region; breeds in Yosemiter Valley, along Merced River.r

r r

r r TRAILL'S FLYCATCHER (Empidonaaer traillii):r r 5-6 in. Above gray-brownr or olive-gray; head slaty;

under partsr light gray, tinged with yellow posteriorly;r two light-colored, inconspicuousr wing-bars; eye-ring whitish. Song *psit-tweer*r given repeatedly; also a soft staccator *whit* given two or three times.r

r r

r In the breeding season, closely restricted to willows. Widespread S. V.r ranging from the Lower Sonoran to ther Canadian life zone. Widespread at lowerr elevations in winter. Common S. V. tor Yosemite region; present in Yosemiter Valley.r

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r r

r <u>r</u> r SAY'S PHOEBEr

r *r SAY'S PHOEBE (Sayornis saya):r* r 7-8 in. Above grayish-brown; *tail blackish*;r straight across when open, slightly emarginater at rest; belly and region under tailr rust-brown. Plaintive call, *pee-er*.rr r

r Frequents open arid terrain. Breedsr chiefly in the Lower and Upper Sonoranr life zones. C. V. at low elevations in ther Yosemite region. Observed in Yosemiter Valley.r

r r

r *r HAMMOND'S FLYCATCHER* (*Empidonax hammondii*): *r* r 5 in. Abover brownish- or olive-gray, darker on head; r two whitish wing-bars; breast dark gray, r otherwise under parts pale yellowish.r Song, *see'wit*, *pseet, swerz*, etc., the threer notes emphatic and often repeated. Callr a weak *pit*.r

r r

r Summers in the Sierra Nevada, breedingr in the Canadian life zone where it isr frequently found high (often 20 to overr 100 feet) in coniferous trees, particularlyr red firs and dense stands of lodgepoler pine. In migration far less restricted,r frequenting deciduous woods, chaparral,r and conifers. Has been seen as high asr 10,500 feet on Mount Clark in the Yosemiter region.r

 $r\,r\,r\,r\,r$ 

r r DUSKY FLYCATCHER (Empidonax oberholseri):r r S' 4-6 in. Resembles Hammond's r flycatcher but lighter and with r broader bill. The two flycatchers are distinguishedr with difficulty. Song a groupr of three or more lisping notes, se-peet,r wurt'zel, see'-pit, the middle note not as low or monosyllabic as the

Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
Hammond's.r The song is generally more vigorous andr varied than the latter's. Call note pit orr see'pit.r
rr
r Frequents mixed brushland (manzanita,r snow-brush, etc.) and deciduousr or coniferous trees. Forages and nests inr low growth. Breeds chiefly in the Canadianr life zone where S. V. in Yosemiter region. M. through lowlands in springr and fall.r
rr
rr
r <u>r western flycatcher</u> r western flycatcher r <i>western flycatcher</i> r <i>western flycatcher</i> r <i>r western flycatcher</i> ( <i>Empidonax difficilis</i> ): r r S'4-6 in. Above brownish or olive-gray; throat yellowish; r breast yellowish, tinged with brown; r belly yellow; wings with two whitishr bars; eye-ring whitish; upper mandibler black; lower mandible pinkish or yellow.r Call a bright lisping <i>swee'ip</i> with risingr
inflection. Song three-parted, see'rip, sip,r see'rip, repeated at intervals.rr r r Frequents shaded stream and lake borders.r Partial to wooded canyon bottoms.r Breeds chiefly west of the main Sierranr axis in the Upper Sonoran and Transitionr life zones. S. V. in Yosemite region;r present in Yosemite Valley.r r r r
r Frequents shaded stream and lake borders.r Partial to wooded canyon bottoms.r Breeds chiefly west of the main Sierranr axis in the Upper Sonoran and Transitionr life zones. S. V. in Yosemite region;r present in Yosemite Valley.r

r r WESTERN WOOD PEWEE (Contopus sordidulus):r r 6-61/2 in. Above darkr gray-brown; under parts

r

r WESTERN WOOD PEWEEr

grayish, lighterr on throat and abdomen with dark washr on each side; no eye-ring; inconspicuousr crest and wing-bars; bill dark above andr light below. Sits in an upright, straight-backedr position on the lower limbs ofr trees; commonly holds tail on line with back. Often perches and nests on a deadr limb.rr r

r Frequents broken deciduous or coniferousr woods or a mixture of the two. Tendsr to avoid densely foliaged trees. S. V.r from the Upper Sonoran to the Hudsonianr life zone. Widespread during migration,r reaching desert areas. Commonr species in the Yosemite region. Its monotonousr *pee-ur* may be heard throughoutr Yosemite Valley in summer.r

rrrrr r rr

r <u>r</u> OLIVE-SIDED FLYCATCHER

r r OLIVE-SIDED FLYCATCHERr (Nuttallornis borealis):r r 7 1/4-8 in. (Ill.,r p. 35) Above sooty-brown except patchr of white on each side of rump; whiter patches sometimes hidden; dark sidesr separated by whitish streak that extendsr from white of throat to yellowish-whiter of belly; large head with partial crest; r tail short. One of the larger flycatchers.r Song a clear, strong wher, whee, whew,r the second note the highest, the thirdr with a slurring drop in pitch. Song alsor suggests What peeves you? Call a shortr tip-tip or tit, tit, tip, on one pitch andr often repeated.rr r

r Breeds in broken coniferous forests,r chiefly in the Transition and Canadianr life zones. Seeks high perches, often deadr stubs of coniferous trees. S. V. to Yosemiter region. Present but not common inr Yosemite Valley.r

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TYRANT FLYCATCHERS: Family Tyrannidae

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Cyril A. Stebbins and Robert C. Stebbins		
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LARKS: Family Alaudidae		
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r <u>r</u>		
r HORNED LARK ( <i>Eremophila alpestris</i> ): r r 7-8 in. Upper parts mottled with gray and pinkish-brown; <i>forehead yellowish</i> ; r black bar on each side of crownr continuing back to include <i>two hornliker tufts of feathers, one on each side of rhead,</i> inconspicuous or wanting in winter; r <i>tail black</i> with narrow edge of whiter on outer tail feathers; throat yellow; r <i>black crescent on breast; black bars onr face.</i> Female: Similar bus smaller andr colors duller.rr r		
r Frequents open level or gently rollingr country where there may be few or nor trees, such as short-grass prairies, desertr flats, mountain meadows, and fallowr fields. R. in the Lower and Upper Sonoranr life zones. In the Yosemite regionr may be seen at lower elevations to ther west and in summer on high mountainr meadows. Occasionally seen in Yosemiter Valley. Seen on fenceposts in the foothillr grasslands along State Highway 140.r		
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LARKS: Family Alaudidae

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### **SWALLOWS: Family Hirundinidae**

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r ROUGH-WINGED SWALLOWr

r r ROUGH-WINGED SWALLOWr (Stelgidopterye ruficollis): r r 5 - 5 3/4 in.r Upper parts brown; chin, throat, andr breast grayish-brown; belly and underr tail coverts white; no iridescent colors.r Nests in crevices or holes in bank, oftenr those dug by rodents or kingfishers.rr r

r Frequents low earthen banks alongr slowly flowing streams or even along dryr gullies. Breeds chiefly in the Lower andr Upper Sonoran life zones. Of local occurrencer as S. V. in the lower, western partr of the Yosemite region. Occasional inr Yosemite Valley.r

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r <u>r</u>

r CLIFF SWALLOWr

r r CLIFF SWALLOW (Petrochelidon pyrrhonota):r r 5-6 in. Forehead creamyr white; crown and back blue-black; naper gray; wings and tail dark brown; throatr and side of head reddish-brown; spot ofr blue on throat; rump pale rust or tan;r tail tip nearly straight; belly light gray.r The light under parts and forehead andr the tan rump aid in identifying the birdr in flight. Often produces a grating noiser in flight. Nest gourd-shaped, composedr of mud pellets, often attached to a nicher in a cliff or beneath the eaves of a building.r Of San Juan Capistrano fame.rr r

r Attracted to cliffs, high banks, andr the walls of buildings, usually not farr from a source of mud for nest buildingr and quiet water for drinking. Nestsr chiefly from the Lower Sonoran to ther Transition life zone. S. V. to the westernr part of the Yosemite region. Has been observed in the Hetch Hetchy area.r

r r

r *r TREE SWALLOW* (*Iridoprocne bicolor*): r r 5-6 in. *Above bluish tinged withr green, or black with steel-blue iridescence*; r below white. Nests in abandonedr woodpecker holes in trees near water.r

r r

r Frequents streams, sloughs, ponds,r lakes, and wet meadows where it foragesr chiefly above water. Breeds chiefly in ther Upper Sonoran and Transition life zones.r C. V. to lower elevations in the Yosemiter region. Has nested in Yosemiter Valley.r

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r r

r <u>r</u> r VIOLET-GREEN SWALLOWr

r r VIOLET - GREEN SWALLOWr (Tachycineta thalassina):r r 5 1/2 in. Abover greenish with purplish cast; top of headr dark brownish-green with bronze tinge;r wings and tail dusky; rump purplishr tending to blue-green over tail; belowr white; sides of head white; sides of rumpr white, showing plainly in flight.rr r

r Frequents the vicinity of cliffs andr rocky canyon walls and broken woodsr and forest margins. Breeds chiefly in ther Upper Sonoran and Transition life zones.r S. V. in the Yosemite region in the zonesr mentioned; most common swallow inr Yosemite Valley.r

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### **JAYS, MAGPIES, AND CROWS**

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r JAYS, MAGPIES, AND CROWS:r Family Corvidaer

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r<u>r</u> r STELLER'S JAYr

r r STELLER'S JAY (Cyanocitta stelleri):r r 12-13 1/2 in. (Ill., p. 38) Forepartr of body black; head strongly

crested; r often some light blue streaks on foreheadr which may extend to crest; underr parts light blue; wings and tail deep bluer crossbarred with black. Capable of ar great variety of sounds, suggesting thatr it has a well-developed "language." rr r

r Inhabits chiefly coniferous forests of the Transition and Canadian life zones, r occasionally invading the lowlands inr winter. Essentially R. with some down-mountainr movement in winter. Abundantr in the Yosemite region. One of ther boldest and most conspicuous birds ofr the floor of Yosemite Valley.r

rrrrr

r PIÑON JAY (Gymnorhinus cyanocephalus):r r 10-12 in. Whole body dullr blue, more vivid on head; streaks ofr whitish on throat; tail relatively short;r bill long and slender. Crow-like in flight.r Often seen in flocks. Omnivorous butr feeds to a considerable extent on piñonr nuts.r

r r

r Frequently associated with piñon andr juniper but ranges into go Breeds inr the arid Upper Sonoran and Transitionr life zones. R. of fall and winter may wanderr far to the west. C. V. to Yosemiter range Meadows and above the rim ofr Yosemite Valley.r	east of the Ca	scade-Sierranr divides, l	out in
rr			
r			
rr			
	r <u>r</u>	r SCRUB JAYr	r
r r SCRUB JAY (Aphelocoma coerulescens):r r 11 1/2-12 in. Hea middle of backr grayish-brown; under parts grayish,r lightest on on breast; white liner over eye; sides of face blackish.rr r		st;r <i>upper parts blue exc</i>	-
r Frequents chiefly the broken woodlandr and chaparral of the Up westernr foothills of the Sierra, including ther Yosemite region, be Occasional in Yosemite Valley.r		_	R. in the
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r YELLOW-BILLED MAGPIEr

r r YELLOW-BILLED MAGPIE (Pica nuttalli):r r 16-18 in. Head, throat, breast,r back, and rump black; large bar ofr white on shoulder; belly white; larger white patches toward tips of outspreadr wings; bill yellow; long central tail feathers.r Omnivorous. Builds a bulky nestr of sticks and mud.rr r

r Frequents broad expanses of openr ground where there is a scattering ofr oaks, sycamores, cottonwoods, or otherr trees. Found in the Lower and Upperr Sonoran life zones, usually near water.r R. in the Great Valley and western foothillsr of the Sierra as in the western partr of the Yosemite region. Rarely observedr in Yosemite Valley.r

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r <u>r</u> r CLARK'S NUTCRACKERr

r *r CLARK'S NUTCRACKER* (*Nucifraga columbiana*):*r* r 12-13 in. Body lightr gray; black wings with white-tippedr secondary feathers forming conspicuousr white patch at rear edge of wing; *mostr outer tail feathers white*, central tailr feathers black. Harsh call. Omnivorousr but feeds to a large extent on pine nuts.rr r

r R. chiefly in the Canadian and Hudsonianr life zones in areas usually characterizedr by meadows, rocky slopes, andr trees of relatively small stature. Frequentsr most of the higher mountainr masses, generally from 8,000 feet up tor timberline. In the Yosemite region commonr in the Hudsonian zone but may ber seen at lower elevations as at Glacierr Point and at other localities on the rimr of Yosemite Valley, especially in later summer and fall.r

r r

r *r BLACK - BILLED MAGPIE (Pica pica):r* r 17-22 in. Bill black, otherwiser resembles yellow-billed magpie, but isr slightly larger.r

r r

r Frequents chiefly open terrain withr clumps of willows, aspens, cottonwoods,r or other trees with nesting sites andr shelter. Water in the form of a stream,r wet meadow, or lake is often not farr removed. Breeds in the Upper Sonoranr and Transition life zones. R. east of ther Cascade-Sierran divides south to ther upper part of the Owens Valley. Occasionallyr enters the eastern part of ther Yosemite region. Has been seen in Lyellr Canyon.r

r r

r r COMMON CROW (Corvus brachyrhynchos):r r 17-21 in. Whole bird glossyr black; tip of tail rounded

when spread.r Often seen in flocks. Call, familiar caw,r caw. Omnivorous.r

r r

r Frequents areas with a broad expanser of open ground, in valleys and in rollingr hills, but trees are requisite for nestingr and roosting. Breeds in the Lower Sonoranr to the Transition life zones. R.r throughout the Great Valley. Absent orr C. V. in heavily forested or mountainousr country and in the deserts. Occasionalr at lower elevations in the western partr of the Yosemite region. C. V. to Yosemiter Valley.r

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### **TITS: Family Paridae**

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r MOUNTAIN CHICKADEEr

r r MOUNTAIN CHICKADEE (Parus gambeli):r r 5-5 3/4 in. Upper parts gray,r tinged with brown; top of head andr throat black; white line over eye; blackr line through eye; cheeks and belly white,r sides tinged with brown. Call a lispingr chick-a-dee-dee or a sweet, clear, high-pitched,r plaintive song, phee-dee-dee, ther first note considerably higher than ther last two. Characteristic of chickadees isr the habit of clinging with head downwardr as they forage at the tips ofr branches. Nests in natural tree cavitiesr or abandoned woodpecker holes.rr r

r Frequents chiefly open coniferous forestsr or the margins of dense stands, inr the high Upper Sonoran to the Hudsonian life zones. R. chiefly in the Canadianr and Hudsonian life zones in the Yosemiter region but also in the Transitionr zone. Seen in Yosemite Valley and occasionally nests there.r

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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Steb
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r <u>r</u> r r PLAIN TITMOUSEr
r <i>r PLAIN TITMOUSE (Parus inornatus):r</i> r 5-5 1/2 in. Upper parts olive orr brownish-gray; under parts lighter;r <i>crested;</i> conspicuous dark eye. Wheezyr chickadee-like call. Nests in abandonedr woodpecker holes or in natural cavitiesr in trees.rr r
r Frequents open woodland, chiefly ofr oaks or piñon and juniper. R. largely inr the Upper Sonoran life zone. Occurs atr low elevation in the western part of ther Yosemite region. Rare in Yosemiter Valley.r
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r <u>r</u> r r COMMON BUSHTITr
r r COMMON BUSHTIT (Psaltriparusr minimus):r r 4-4 1/2 in. Back light grayish-brown;r top of head
brown; under partsr paler; <i>long, slender tail.</i> Call a chatteringr <i>tst, tst,</i> as it slips through the brush,r Often hangs head downward as it foragesr at the tips of branches. Usually the birdsr travel in small flocks. Nest long andr pendant with a small opening at one sider near the place of attachment.rr r
r Frequents areas of chaparral or mixedr brush and small trees chiefly in the Upperr Sonoran life zone.
Widespread R. butr absent from higher mountains, deserts.r R. at lower elevations in the westernr part of the Yosemite region. Has been seen near Glacier Point and commonlyr in Yosemite Valley.r
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TITS: Family Paridae

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### **NUTHATCHES**

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r NUTHATCHES: Family Sittidaer

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r<u>r</u> r WHITE-BREASTED NUTHATCHr

r *r WHITE - BREASTED NUTHATCHr* (*Sitta carolinensis*): *r* r 5-6 in. *Top of headr and nape black*; back blue-gray; tailr short; under tail coverts reddish-brown; r outer tail feathers black with whiter spots; breast and sides of head whitish; r relatively *long*, *slender bill*. Call a somewhatr nasal *hank*, *hank*. Creeps both upr and down tree trunks and branches.r Does not use tail as support in climbingr as do woodpeckers. Nests in abandonedr woodpecker holes or constructs its ownr nesting chamber.rr r

r Frequents chiefly rough-barked treesr such as oaks and conifers. R. from ther Upper Sonoran to the Hudsonian lifer zone, concentrating in the lower zonesr in winter. Occasionally seen in Yosemiter Valley.r

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r RED-BREASTED NUT	THATCHr

r *r RED-BREASTED NUTHATCHr* (*Sitta canadensis*): r r 4 1/2 in. *Top of headr and line through eye black;* white striper over eye; upper parts bluish-gray; tailr dark with white spots on outer feathers; r *below buff or reddish-brown*, lighter inr immature and in female. Carries tail onr line with back when foraging. Call, ar nasal *gna gna*.rr r

r Frequents chiefly conifers in the Canadianr life zone. It especially favors firsr in which it often forages at considerabler heights. Partially R., many individualsr descending in winter to lower levels andr to the south. In the Yosemite regionr common in summer in the Canadianr zone but also found in the Transitionr and Hudsonian zones. To be seen in Yosemiter Valley almost all year.r

r r

r *r PYGMY NUTHATCH (Sitta pygmaea):r* r 4-4 1/2 in. Above light bluish-gray;r *head darker or brownish with darkr line through eye;* white on nape inconspicuous;r under parts white or buffy;r *tail short,* outer tail feathers with blackr and white. Inhabits the trunks and mainr branches of trees. Often seen feeding inr pine-needle clusters. Usually travels inr small flocks.r

r r

r Frequents pine trees and other conifersr in the Transition life zone, often foragingr at high levels in trees. Uncommonr R. in the Yosemite region in the Transitionr and Canadian life zones. Occasionallyr seen in late summer and fall aroundr the rim of Yosemite Valley. Rare in Yosemite Valley.r

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CREEPERS: Family Certhiidae
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rr
r <u>r</u> r BROWN CREEPERr
r <i>r BROWN CREEPER</i> ( <i>Certhia familiaris</i> ): <i>r</i> r 5-5 3/4 in. Head and upper partsr brown, becoming brighter or rump; <i>r long, curved bill;</i> under parts whitish;r buffy bar in wing seen in flight. <i>Climbsr upward</i> in series of jerking movementsr often in a spiral about trunks andr branches. Tail feathers stiff and pointed,r aiding in creeping on vertical surfaces.r Call a dainty, wiry, high-pitched <i>see'</i> , <i>r see'</i> , <i>se-teetle-te</i> , <i>see'</i> , the first two notesr and the last higher than the rest. Nestsr in crevices beneath loose bark.rr r
r Frequents trunks and larger branchesr chiefly of coniferous trees, usually wherer in dense mature stands. Redwoods, incense-cedars,r and pines are frequented.r R. in the Transition and Canadian lifer zones, dispersing irregularly to lowerr elevations in winter. Common in Yosemiter Valley, especially in dense standsr of incense-cedar and ponderosa pine.r
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### **WRENTITS: Family Chamaeidae**

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r <u>r</u> r WRENTITr

r Seeks broken or continuous tracts ofr brush where it is more often heard than seen. Usually travels in pairs. An inhabitantr of the Upper Sonoran and Transition life zones west of the Sierran divide.r In the Yosemite region to be found chieflyr at low elevation in the western part butr in late summer and fall ranges up intor Yosemite Valley.r

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Cyril A. Stebbins and Robert C. Stebbins
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DIPPERS: Family Cinclidae
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r <u>r</u> r DIPPERr
r <i>r DIPPER</i> ( <i>Cinclus mexicanus</i> ): <i>r</i> r Alsor known as water ouzel, 7-8 1/2 in. <i>Bodyr slate-gray</i> , tinged with brown above; <i>r short</i> , <i>stubby tail</i> . Upon alighting on ar rock in a stream, it usually <i>bobs up andr down</i> . It frequently dives into the water, r and walks along the bottom, the wingsr assisting. Such excursions are to procurer small aquatic animals for food. Nest ofr moss, with opening at the side.rr r
r Frequents cool, shaded, clear, swift-flowingr mountain streams, especiallyr where there are rock walls or cliffs thatr provide nesting sites. Sometimes placesr nest behind a waterfall. R. in the Transitionr to the Hudsonian life zone. Mayr be seen in Yosemite Valley, where it is one of the most interesting and bestr love birds.r
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### **WRENS: Family Troglodytidaer**

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r <u>r</u> r HOUSE WRENr

r r HOUSE WREN (Troglodytes aedon):r r 4 1/2-5 1/4 in. Above grayish-brown; belowr gray, tinged with brown; wing and tailr with wavy dusky bars; no conspicuous eye-stripe or white in tail; tail short, frequentlyr held at an abrupt angle withr body. Call, a scolding kerr. Nests in abandoned woodpecker holes or other cavities.rr r

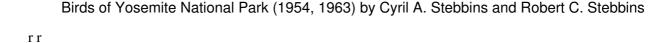
r Frequents bushes, chaparral, andr chiefly deciduous trees, the latter especially for nesting. S. V. largely in ther Upper Sonoran to the Transition lifer zone. Upmountain movement after breeding carries some birds to high elevations as to 9,200 feet at the head of Lyell Canyon in the Yosemite region.r

r r

r *r WINTER WREN* (*Troglodytes troglodytes*): r r 4 in. Resembles house wren butr is darker, smaller, and has shorter tail; r inconspicuous line over eye; *belly brownishr and heavily barred. Bobs when excited.r Our smallest wren.* Song a prolongedr series of thin high notes suggestiver of a squeaky wheel. Often nests inr cavities in or beneath logs.r

r r

r Frequents the damp, shady forest floorr where there are tangles of roots, ferns,r and matted vegetation (often includingr moss) chiefly in the Transition and Canadianr life zones. Of local occurrence inr summer in the Yosemite region as at ther Merced Grove of Big Trees, foot ofr Vernal Fall, and near Happy Isles, butr chiefly a W. V.r



r r r

> r <u>r</u> r BELWICK'S WRENr

r

r *r BEWICK'S WREN (Thryomanes bewickii):r* r 5-5 1/4 in. Above dark brown;r below grayish-white becoming white onr throat; *outer tail feathers black, tippedr with white;* central feathers gray-brownr barred with dusky; *white line over eye.*rr r

r Frequents continuous or broken chaparralr and tracts of woodland with brushr clumps, chiefly in the Upper Sonoranr life zone. There is shifting or some birdsr up- or downmountain, depending uponr locality, in late summer, fall, and winter.r R. at lower elevations in the extremer western part of the Yosemite region.r C. V. to Yosemite Valley.r

r r

r *r ROCK WREN (Salpinctes obsolettts):r* r 5-6 in. Above with often indistinctr sprinkling of dusky and white on lightr brown; tail tipped with buffy; outer tailr feathers black near tip; body and headr somewhat flattened; *bill long and slender;* r toes long. Bobs.r

r r

r Found especially in rugged, rocky locations,r where it forages in crevices orr in the open; also may enter fissures inr logs and holes in the ground. More independentr of water than the canyon wren.r Found chiefly in the Lower and Upperr Sonoran life zones but also on up to ther Hudsonian zone. R. at lower elevationsr and S. V. in the higher mountains.r Widespread in the Yosemite regionr having been seen at 10,500 feet inr Mono Pass.r

r r

r r LONG-BILLED MARSH WRENr (Telmatodytes palustris):r r 4 1/2-5 1/2 in.r Above brownish; patch of black onr back crossed by longitudinal white lines; r white line over eye; rump brown; belowr whitish, brownish on sides; tail feathersr brown, barred with dusky.r

r r

r Frequents marshlands, especially wherer tules grow. Usually nests over water.r Ranges from the Lower Sonoran to ther Transition life zone. Sparse C. V. andr W. V. to lower elevations in westernr part of Yosemite

region. Has been seenr in Yosemite Valley.r
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r <u>r</u> r CANYON WRENr
r r CANYON WREN (Catherpes mexicanus):r r 5 1/2-5 3/4 in. Above brown, with fine black and white spots; throat andr breast white, contrast in colors marked;r sides and belly rich rufous; very narrowr black bars on bright reddish-brown tail;r long, slender, slightly curved bill. Callr a series of clear, whistled notes on ar descending scale. Sometimes bobs.rr r
r Frequents rocky, often shaded areasr in canyons. R. chiefly in the Upperr Sonoran life zone but also in the Lowerr Sonoran and Transition zones. Largelyr in the western part of the Yosemiter region in the zones mentioned but hasr been observed as far east as Mercedr Lake: Often heard and sometimes seenr about sheer cliffs and talus slopes ofr Yosemite Valley.r
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WRENS: Family Troglodytidaer

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### **MOCKINGBIRDS AND THRASHERS: Family Mimidae**

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r *r CALIFORNIA THRASHER* (*Toxostoma redivivum*): *r* r 11 1/2-13 in. Abover brown; throat grayish-white; breastr light brown grading to buff on belly; r tail long, rusty beneath at its base; long, r curved bill; relatively short wings.r

r r

r Frequents chaparral, staying in orr near cover and foraging on the groundr in the leaf litter and soft earth wherer plant food, insects, and spiders arer found by digging with the bill. Alsor forages in the upper story of plantr growth for fruits and berries. R. in ther Lower and Upper Sonoran life zones onr the lower brushy slopes in the westernr part of the Yosemite region to El Portal.r

r r

r r SAGE THRASHER (Orcoscoptes montanus):r r 8 - 9 in. Above grayish-brown;r below whitish faintly tingedr with buffy, streaked with rows of darkr brown wedge-shaped spots; outer tailr feathers edged and tipped with white;r straight, slender bill shorter than head;r iris yellow. When perched frequentlyr jerks its tail.r

r r

r Frequents flats and gentle slopes coveredr with sagebrush and in winter otherr types of brushland. S. V. chiefly in ther sagebrush country east of the Sierra.r W. V. in the San Joaquin Valley. C. V.r to Yosemite region. Frequents area nearr Mono Lake.r

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r mocking in the mocking of the mock
r Frequents nearly level terrain andr foothills where there are scattered bushesr and small trees. R. chiefly in the Lowerr and Upper Sonoran life zones. To ber seen at lower elevations in the westernr part of the Yosemite region. C. V. tor Yosemite Valley.r
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### **THRUSHES: Family Turdidaer**

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r <u>r</u> r ROBINr

r *r ROBIN* (*Turdus migratorius*): *r* r 8 1/2-10 1/2 in. Back gray; *head and tail blackish;r below reddish-brown*, "*red-breast*"; r throat white, streaked with blackish; r eyelids and spots in front of eye white; r bill yellowish. Female: Breast, head, andr tail colors paler. Immature; Under partsr and back speckled, suggesting the relationshipr to the thrush family. Nestr bulky, of grasses, twigs, pine needles, r weed stems, etc., well plastered with mud.rr r

r Frequents meadows, stream borders,r and lawns where there are scatteredr trees. Common S. V. in the Transitionr life zone but also in the Canadian andr Hudsonian life zones. Common at lowerr levels in winter. Abundant in Yosemiter Valley where it nests. May be sparselyr present there in winter but more common at lower elevations.r

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r <u>r</u> r VARIED THRUSHr

r *r VARIED THRUSH (Ixoreus naevius):r* r 9-10 in. Resembles robin; abover dark slate; head darker; orange striper over and extending behind eye; orange-brownr bars and patch in dusky wing;r *black collar on orange breast*. Female:r Breast band duller. Immature: Collar incomplete or absent; breast speckled.rr r

r Frequents dense growth of conifersr oaks, or high chaparral, often in canyons.r Prefers shaded locations. In ther Transition and Canadian zones in summerr and ranges into the Upper Sonoranr zone in winter. W. V. to the westernr slope of the Yosemite region below ther level of the heavy snows. Occurs in Yosemiter Valley.r

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r HEDMIT THRUSH:

### r HERMIT THRUSHr

r r HERMIT THRUSH (Hylocichla guttata):r r 6 1/2-7 1/2 in. Above soft brown;r tail reddish-brown, which it raises slowlyr on alighting or depresses and raises oftenr when at rest; below whitish; throat andr breast dotted with blackish-brown. Ar timid, trim bird with slender legs andr beak. Stands rather high from the groundr in contrast to the squat-like position of the fox sparrow to which it bears somer resemblance. Often jerks its wings nervously.r Call in breeding season clear andr flute-like; pause between each of 3 or 4r notes on different pitch levels.rr r r r r

r Frequents chiefly dense well-shadedr forests where the ground is leaf-litteredr but largely unobstructed by close growthr of bushes. S. V. in the Sierra chiefly inr the Transition and Canadian life zones,r but also in the lower Hudsonian lifer zone. W. V. below the level of heavyr snows. Occasionally nests on the floorr of Yosemite Valley but more commonr at higher elevations as at Mariposar Grove, Glacier Point, and Tuolumner Meadows.r

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r <u>r</u> r r WESTERN BLUEBIRDr
r <i>r WESTERN BLUEBIRD (Sialia mexicana):r</i> r 6 1/2-7 in. <i>Above dark blue</i> exceptr sometimes for rust area in middle ofr back; <i>breast rusty</i> grading into gray onr belly; tail slightly forked. Female:r Above gray or brownish, tinged with rblue; wings blue, with light bars; breastr faintly rusty. Nests in abandoned woodpeckerr holes or other cavities. Feeds onr mistletoe and other berries and on insects.rr r
r Frequents broken well-spaced timber,r open woodland, or brushland. When breeding found chiefly in the Upperr Sonoran and Transition life zones but enters adjacent zones. Spreads to lowlandsr in winter. Likely to be seen atr any time of the year in the westernr foothills in the Yosemite region. In fallr seen at higher altitudes as in Yosemiter Valley and in higher locations.r
rr
r <i>r MOUNTAIN BLUEBIRD (Sialiar currucoides):r</i> r 6 1/2-7 3/4 in. <i>Almost entirelyr blue</i> , lighter below, grading tor whitish on belly; <i>tail forked</i> . Female:r Soft gray-brown above, tinged with blue; rump, tail, and wings bluish.r
rr
r Frequents chiefly open terrain of shortr grass or turf where rocks, scatteredr bushes, or small trees provide perches.r In the Sierra, S. V. in high Transition tor the Hudsonian life zone, especially ther latter. Of irregular occurrence in ther lowlands in winter. In Yosemite region,r frequent in high Sierra, occasional inr Yosemite Valley.r

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r <u>r</u> r r TOWNSEND'S SOLITAIREr
r r TOWNSEND'S SOLITAIRE (Myadestesr townsendi):r r 8-9 1/2 in. Above dullr gray; lighter below; wings and tailr darker than rest of upper parts; edger and tip of outer tail feathers white;r white eye-ring. In flight, one sees whiter in tail and narrow buffy bar in wing.r Nests on or near the ground in a hollowr at the base of a tree, stump, cliff, orr elsewhere.rr r
r Frequents mountain slopes where atr least partly forested, often with pine orr fir. Of irregular occurrence in the lowlandsr in winter. In the Sierra S. V. or R.r in the high Transition to the Hudsonianr life zone. In Yosemite Valley occasionallyr seen in winter and may nestr there in spring.r
rrrr
r r SWAINSON'S THRUSH (Hylocichlar ustulata):r r 6 1/2-7 1/2 in. Above gray orr olive-brown; wings and tail somewhatr darker; no rust in tail; belly white; sidesr tinged with brown; upper breast lightr buff spotted with wedge-shaped marks; r eye-ring and cheeks buffy.r
rr
r Frequents willows, aspens, alders, andr other dense growth along streams andr about damp meadows. Enters the dampr understory vegetation of dense forests.r Chiefly in the Upper Sonoran, Transition,r and Canadian life zones. Commonr S. V. largely throughout, west of ther desert divides. Widespread M. S. V.r chiefly in the Transition zone in ther Yosemite region. Has nested in Yosemiter Valley; often seen near Mirror Lake.r
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# GNATCATCHERS, KINGLETS, AND OLD-WORLD WARBLERS: Family Sylviidae

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r BLUE-GRAY GNATCATCHERr

r *r BLUE-GRAY GNATCATCHER* (*Polioptilar caerulea*):r r 4 1/2-5 in. Upper partsr bluish-gray; indistinct white eye-ring;r blackish forehead, wanting in winter andr in female; *long blackish tail*; *outer tailr feathers white* for most of their length;r *bill slender*. Call often a single, wheezyr *c-h-e-e*, like escaping steam. Active, nervousr movements.rr r

r Frequents brush and oak-coveredr slopes. Common S. V. in the Lower andr Upper Sonoran life zones. Breeds in ther foothills of the Sierra. Winters in ther lowlands. In the Yosemite region in ther Upper Sonoran zone and after the nestingr season at higher elevations, includingr Yosemite Valley and Glacier Point.r

r r

r *r GOLDEN-CROWNED KINGLETr* (*Regulus satrapa*): r r 3 1/2 - 4 in. Upperr parts olive-gray to olive-green; *conspicuousr orange crown bordered by yellowr and black*, wholly yellow in female; r under parts whitish, tinged with brownr especially on sides; *white line over eye.* r Forages out on small branches andr among needles chiefly in coniferous trees.r Often travels in small groups.r

r r

r S. V. largely in the Canadian andr Transition life zones. W. V. to lowlandsr west of the Sierra. In the Yosemite region present in summer chiefly in ther Canadian zone. Recorded to 8,700 feetr elevation on the

slopes of Mount Hoffmann.r Usually in Yosemite Valleyr throughout the year.r	
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rr	
r RUBY-CROWNED KINGLETr r <i>RUBY-CROWNED KINGLET</i> ( <i>Regulusr calendula</i> ): r r 3 3/4-4 1/2 in. Upperr parts grayish-olive; <i>red crown-patchr</i> ( <i>often concealed</i> ); <i>white ring aroundr dark eye</i> ; under parts gray; tinged withr yellow; two	r
whitish bars on wing. <i>Jerksr wings nervously</i> as it flits about amongr the branches. Commonly solitary.rr r	
r In summer frequents continuous orr broken stands of coniferous forest chieflyr in the Canadian life zone; less restricted in winter. Disperses widely to the lowlands in winter. In the Yosemite region during the breeding season, altitudes of occurrence are chiefly between 5,500r and 9,000 feet. Passes through Yosemite Valley, occasionally nesting there.r	er
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WAGTAILS: Family Motacillidae	
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r <u>r</u> r WATER PIPITr	r
r <i>r WATER PIPIT (Anthus spinoletta):r</i> r 6-7 in. <i>Above grayish-brown; buffy liner over eye; outer tail feathe largeli'r white;</i> below buffy; breast and sides withr dusky streaks; slender bill. <i>Has habit ofr wagging its tail upon alighting.</i> Fore-and-aftr movements of the head mayr occur as the bird walks. Often seen inr flocks.rr r	l
r Frequents fields, beaches, or otherr open ground. Common W. V. at lowr elevations in the western part of ther Yosemite region. Has been observed inr the fall on Mount Lyell at an elevation of 12,000 feet.r	
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Oyin A. Olebbins and Hobert O. Olebbins
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WAXWINGS: Family Bombycillidae
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r CEDAR WAXWINGr r r CEDAR WAXWING (Bombycilla cedrorum):r r 6 1/2-8 in. Back brown; rumpr and tail grayish; throat and eye-striper black; tail tipped with yellow; secondaryr wing feathers often marked with redr "sealing-wax" spots; belly yellowish;r crested. Usually seen in flocks. Call ar high-pitched keep keep. Feeds on berriesr and other fruits, buds, flower parts, andr insects.rr r
r When breeding frequents willows,r alders, and other streamside growth orr cutover forests in the Transition lifer zone of the humid coast. An irregularr M. and widespread W. V. Occasionalr in fall, winter, and spring a lower elevationsr in the Yosemite region. Flocksr have been seen in Yosemite Valley inr some years.r
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## SILKY FLYCATCHERS: Family Ptilogonatidae

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r *r PHAINOPEPLA* (*Phainopepla nitens*):*r* r 7-7 3/4 in. *Slender*, *glossy*, *blackr bird with conspicuous white wing-patches*;*r* r prominent loose crest. Femaler dark gray; patches in wings light gray.r Feeds on mistletoe berries and otherr fruits and occasionally engages in flycatching,r at which it is expert in allr seasons. When bird alights, the tail isr jerked.r

r r

r Most likely to be seen in summer inr the blue oak belt of the western partr of the Yosemite region where it is especially attracted to trees with mistletoer clumps. Inhabits the Lower andr Upper Sonoran life zones.r

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r http://www.yosemite.ca.us/library/birds\_of\_yosemite/silky\_flycatchers.htmlr

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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins

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SILKY FLYCATCHERS: Family Ptilogonatidae

Cyrii A. Stebbilis and Robert C. Stebbilis
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rrr
SHRIKES: Family Laniidae
rrrr
rr
r LOGGERHEAD SHRIKE (Laniusr ludovicianus):r r 8-10 in. Upper partsr gray; rump and upper tail coverts paler;r wings and tail black, marked withr white; black mask from bill to well behindr eye; bill hooked; under parts whitish.r Known as the butcherbird becauser of habit in feeding of dismembered insects or other prey which it impales onr thorns or other sharp objects.rr r  r Frequents terrain providing areas ofr bare ground or that grown sparsely tor grass or other low growth, where visibilityr is good and where nest sites andr perches are provided by scattered treesr or large bushes. Not uncommon aboutr human habitations. Inhabits chiefly ther Lower and Upper Sonoran life zones.r Some wandering. Several records forr Yosemite Valley. Often seen at lowerr elevations in the Yosemite region, as inr the western foothills.r
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r <u>Nex</u>	t: Wood Warblers •r Contents •r Previous: Shrikes
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VIREOS: Family Vireonidaer
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r <u>r</u> r HUTTON'S VIREOr
r <i>r HUTTON'S VIREO (Vireo huttoni):r</i> r 4 1/4-4 3/4 in. Above olive-gray;r below yellowish; <i>two whitish wing-bars</i> ;r head color lightens between eye and bill;r <i>whitish eye-ring, interrupted above. Doesr not jerk wings</i> like ruby-crowned kinglet.rr r
r Frequents chiefly non-deciduous oaksr in the Upper Sonoran and Transitionr life zones. R. on the western slope of ther Sierra. Has been observed in the Yosemiter region up to 5,800 feet.r

r r

r

r r

r <u>r</u> solitary vireor

r r SOLITARY VIREO (Vireo solitarius):r r 5-6 in. Above gray, tinged withr olive; below white; sides tinged withr yellowish; white lores and ring aroundr eye; whitish wing-bars. Song: Jimmyr—come here! Hurry up!rr r

r

r Frequents oak and coniferous forestsr chiefly in the Transition life zone butr also in adjacent zones. S. V. in the Sierra;r in lower, warmer areas in winter. Inr the Yosemite region has been recorded as far east as Indian Canyon and Mercedr Lake. Fairly common on the floor ofr Yosemite Valley.r
rrrr r
rr
r <u>r</u> r WARBLING VIREOr
r <i>r WARBLING VIREO</i> ( <i>Vireo gilvus</i> ): r r 5-6 in. <i>Above olive-gray</i> ; below white; r tinge of yellow on sides; white line overr eye. Song a series of warbled notes, often repeated. Usually solitary.rr r
r Frequents deciduous trees such asr willows, cottonwoods, and alders. Seeksr higher levels in trees than the otherr vireos. In the Sierra S. V. chiefly in ther Upper Sonoran to the Canadian lifer zone. Found on both slopes of the Yosemiter region but most common on ther western slope.r
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r http://www.yosemite.ca.us/library/birds_of_yosemite/vireos.htmlr
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### **WOOD WARBLERS: Family Parulidaer**

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r r ORANGE-CROWNED WARBLERr (Vermivora celata):r r 4 1/4-5 in. Top ofr head with orange, usually obscure; indistinctr yellowish line over eye to bill;r upper parts olive-green, brightest onr rump; wings darker, without bars; underr parts dull yellow to whitish.r

r r

r Frequents underbrush in areas ofr mixed woodland; in summer chiefly inr the Upper Sonoran to the Canadian lifer zone. More widely distributed duringr migration. In the Yosemite region S. V.r on both slopes of the Sierra. Not commonr in Yosemite Valley. Upmountain movementsr may occur after breeding. Individualsr have been seen at 10,500 feet onr Mount Clark.r

r r

r *r NASHVILLE WARBLER* (*Vermivora ruficapilla*): r r 4-4 3/4 in. *Top and sidesr of head ash-gray* with indistinct chestnutr patch on crown; back olive-green; r white eye-ring; *below yellow*; lower bellyr whitish. Female: All plumage reduced inr color.r

r r

r Frequents open forests with an understoryr of bushes. Forages well up in treesr but nests on or near the ground. S. V.r chiefly in the Transition and lower Canadianr life zones along the west sloper of the Sierra. Widespread M. In ther Yosemite region, as at Yosemite Valley,r to be found among the black oaks andr maples.r

r r

r <u>r</u> r YELLOW WARBLERr r

r *r YELLOW WARBLER* (*Dendroicar petechia*): r r 4-5 in. *Body brilliant yellowr below*, with scattered rufous streaks onr chest and belly, faint or absent in female; r above greenish-yellow; wings and tailr dusky; yellow spots in tail. A descending, r high-pitched, twittering song.rr r

r Frequents canyons and streambanksr especially where grown to broadleaf treesr such as willows, cottonwoods, aspens,r alders, etc. S. V. in the Lower Sonoranr to the Transition life zone on bothr slopes of the Sierra. Common in Yosemiter Valley.r

rrrrr

r r

r <u>r</u> r BLACK-THROATED GRAY WARBLERr

r *r BLACK-THROATED GRAYr WARBLER* (*Dendroica nigrescens*): r r 4 1/2-5 in. *Head largely black; two whiter bands on side of head*, one below, otherr above eye, joining to encircle blackr cheek-patch; *yellow spot in front ofr eye;* back bluish-gray, marked withr black spots; white under parts; sidesr with black lines; white wing-bars; whiter outer tail feathers. Female: Gray streaksr on head; *black collar bordering whiter throat.*rr r

r In many areas attracted to oaks, especiallyr canyon live oaks, but also frequentsr conifers and chaparral. S. V. tor the lower western slopes of the Sierra,r in the Upper Sonoran and Transitionr life zones. To be found among the canyonr live oaks of the talus slopes alongr the base of the north and south wallsr of Yosemite Valley.r

r *r HERMIT WARBLER* (*Dendroica occidentalis*): r r 4 1/2-5 in. *Head brilliantr yellow; throat black;* back gray with r black streaks; few or no streaks on whiter under parts; white wing-bars; *whiter outer tail feathers.* Female: Head dullr yellow, mottled on top with blackish; r throat with dusky spots on white. Commonlyr forages and nests 20 feet or morer above the ground.r

r r

r Frequents conifers. S. V. in the Sierra,r chiefly in the Transition and Canadianr life zones. Widespread M. Seen in ther Mariposa Grove, along the Pohono Trail,r and commonly in Yosemite Valley.r

r r

r r TOWNSEND'S WARBLER (Dendroicar townsendi):r r 4 1/2-5 in. Abover olive-green marked with black; whiter wing-bars; top of head and throat blackr with ring of yellow around black cheek-patch;r breast and sides yellow; bellyr white; sides streaked with black; whiter in tail. Female: Throat largely yellow.r

r r

r Frequents upper foliage of live oaks,r laurels, and conifers. M. along the westr slope and eastern base of the Sierra. C. V.r to the Yosemite region. Has been seenr frequently in Yosemite Valley.r

r r

r r

r <u>r</u> r AUDUBON'S WARBLERr

r *r AUDUBON'S WARBLER* (*Dendroica auduboni*): r r 4 3/4-5 1/4 in. Upper partsr bluish-gray; streaked with black; wingsr with broad white patch; white marks onr tail feathers; patch on *crown; each sider near wing-bend, throat, and rump yellow;*r breast blackish; black of breastr obscure and yellow markings paler inr female; immature birds, as a rule, slowr conspicuously only yellow rump-patchr and white in tail. Forages well up inr the trees.rr r

r In summer frequents chiefly conifersr in the Transition to the Hudsonian lifer zone but habitat more varied in winter.r Widespread in summer in the Yosemiter region in the zones mentioned. In winterr common visitant to the Upper Sonoran zone. Often to be seen throughout ther year in Yosemite Valley.r

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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
rr
r <u>r</u> r MacGILLIVRAY'S WARBLERr
r <i>r MacGILLIVRAY'S WARBLERr</i> ( <i>Oporornis tolmiei</i> ): r r 4 3/4-5 1/2 in. <i>Head,r neck, and upper breast slaty,</i> deepeningr on breast and in front of eye; <i>underr parts yellow;</i> upper parts olive-green;r eyelids white. Often jerks tail nervously.r Female: Top of head brownish; throatr and breast pale gray. Nest of grassesr constructed near ground.rr r
r Frequents thickets, "soft" chaparral,r and heavy understory usually nearr streams or damp places chiefly in ther Transition and lower Canadian lifer zones. S. V. in the Yosemite region inr the zones mentioned and as M. alongr both the east and west sides of the Sierra.r To be found in thickets of thimbleberry,r ceanothus, and
ferns on the floorr of Yosemite Valley.r
rr r
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rr

r <u>r</u> wilson's warbler

r *r WILSON'S WARBLER* (*Wilsoniar pusilla*): r r 4 1/2-5 in. *Black "cap" on head*,r less evident or missing on female; foreheadr yellow; *below bright yellow*; backr and wings greenish-yellow; prominentr black eyes; no wing-bars or belly-streaks.rr r

r Frequents low, often shaded plantr growth in -moist areas. Breeds in ther mountains and foothills; widespread duringr migration. S. V. to the Sierra from the Upper Sonoran through the Canadianr life zone, chiefly in Transition andr Canadian. In Yosemite region frequentsr boggy meadows bordered by willow andr dogwood. Also found in spring alongr the eastern base of the Sierra and as ar M. in the western foothills.r

Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
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r <u>r</u> r YELLOWTHROATr
r <i>r YELLOWTHROAT</i> ( <i>Geothlypis trichas</i> ): r r 4 1/2-5 in. <i>Black mask</i> borderedr with ashy above; back olive-green orr yellowish-brown; <i>throat and breast yellow</i> .r Female: No black mask; bellyr whitish. Song, <i>whit-tsit-tsee</i> , <i>whit-tsit-tsee</i> , r often repeated many times in ar lively, rolling phrase. Nest on or nearr the ground, often over water.rr r
r When breeding frequents thick tanglesr of plant growth such as tules, sedges,r blackberry vines, and willow thicketsr near fresh or brackish water, chiefly ofr marshes and sloughs. Widespread S. V.r largely in the Lower and Upper Sonoranr life zones. Widespread common M. C. V.r to the Yosemite region. Has been recordedr in Yosemite Valley.r
rrrr
r <i>r YELLOW BREASTED CHAT (Icteriar virens):r</i> r 6 1/2-7 1/2 in. Upper partsr olive-brown; head darker with whiter eye-ring and line between eye and bill; <i>throat, breast, and upper belly yellow; r tail long;</i> lower belly white. Song highlyr varied, suggestive of a mockingbird orr thrasher rather than a warbler.r
rr
r Frequents willow clumps and otherr dense growth chiefly in the Lower Sonoranr to the lower Transition life zone.r S. V. in the lowlands to the west of ther Yosemite region. C. V. to the Yosemiter region.r
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WEAVER FINCHES: Family Ploceidae
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r <i>r HOUSE SPARROW</i> ( <i>Passer domesticus</i> ): <i>r</i> r 5 1/2-6 1/4 in. <i>Throat and upperr breast black</i> ; crown gray; band behindr eye and on nape brown; under partsr dirty white; back, wings, and rumpr chestnut-brown, streaked with dusky.r Female: Upper parts and sides brown,r chestnut wanting; back, tail, and wingsr blackish; breast not streaked; nor throat-patch.r
rr
r Widespread introduced exotic, commonr on streets and near buildings inr most towns and about farms. Highlyr adaptable with respect to environmentr and foraging method, but prefers associationr with civilization. Occasionallyr wanders into Yosemite region in summer.r Has been observed at El Portal and Yosemiter Valley in vicinity of buildings.r
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## **ORIOLES and BLACKBIRDS: Family Icteridae**

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r r YELLOW - HEADED BLACKBIRDr (Xanthocephalus xanthocephalus):r r 8-11 in. Head, neck, and breast yellow; restr of plumage black except large white patchr on black wing. Female: Smaller than male; grayish-brown, faintly streaked below; throat, upper chest, and line overr eye yellowish; no wing-patch.r Frequents tule marshes and adjacentr meadows or cultivated ground chieflyr in the Lower Sonoran to the Transitionr life zone. C. V. to the Yosemite region.r Has been recorded occasionally in Yosemiter Valley.r

r r

r r

r <u>r</u> r WESTERN MEADOWLARKr

r *r WESTERN MEADOWLARK (Sturnellar neglecta):r* r 8-10 in. Upper partsr brown, marked with dusky and buff;r *under parts yellow with black crescentr on breast*; buffy line through crown;r yellow or buffy line over eye; *outer tailr feathers white*; short tail.rr r

r R. in open grasslands, breeding in ther Lower Sonoran to the Transition lifer zone. Seen in the San Joaquin Valleyr into the Sierran foothills. In the Yosemiter region after the breeding seasonr may be found to high altitudes as on topr of Half Dome and near Ten Lakes, 9,700r feet. Occasionally seen in Yosemiter Valley.r

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Birds of Yosemite National Park	(1954, 1963) DV	CVIII A. Stepbilis	and Robert C.	Steppins

r <u>r</u> r REDWINGED BLACKBIRDr

r *r REDWINGED BLACKBIRD* (Agelaius phoeniceus): r r 7-9 1/2 in. (Ill. p. 54)r Entire plumage black; wing-bend patchr scarlet, bordered by buffy or orange in allr except one subspecies; feathers of backr edged with rusty in winter. Female:r Crown dark brown with bully streaks;r buffy stripe over eye; back brown; underr parts streaked with dark brown,r tinged with buffy in winter.rr r

r Frequents marshes, moist fields, andr margins of ponds, lakes, and slowlyr r r r flowing streams where grown to tules,r sedges, and willows. Inhabits the Lowerr Sonoran to the Transition life zone duringr the breeding season. Found locallyr in the Yosemite region below the Canadianr life zone. Common in open wetr meadows of Yosemite Valley in springr and early summer, where they nest, ther males to be seen conspicuously guardingr the nests.r

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' <u>r</u> r BULLOCK'S ORIOLEr

r *r BULLOCK'S ORIOLE* (*Icterus bullockii*):r r 7 1/2-8 1/2 in. *Forehead, line overr eye, cheeks, and most of under partsr orange* running to yellowish on bellyr and outer tail feathers; rump yellowish; *top of head, upper back, much of wings,r and central area in tail black;* wingr marked with broad patch of white; black stripe on throat extends down from bill; black line runs from bill through eyer to occiput. Female: Upper parts gray,r washed on head with yellow; tail yellowish-brown;r wings brown with whitishr bars; sides of throat and breast yellowish,r remaining under parts whitish exceptr yellow beneath tail.rr r

t lowerr elevations on the west side of the Sierra.r C. V. to Yosemite Valley.r
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r
r <u>r</u> r BREWER'S BLACKBIRDr
r BREWER'S BLACKBIRD (Euphagusr cyanocephalus):r r 8-9 1/2 in. Wholer plumage glossy black; iris white. Female:r Head and neck grayish-brown; remainderr of plumage dark brown to blackish;r iris brown. Usually seen in flocks.rr r
Frequents grasslands meadows, streamr and lake borders, lawns, and cultivatedr fields, usually where there are scatteredr trees for roosting and nesting. Inhabitsr the Lower Sonoran to the Canadian lifer zone. In the Yosemite region nests asr high as the floor of Yosemite Valley andr in summer and fall ranges upward nearly to timberline. Migrates to lowlands inr winter. One of the most abundant birdsr in Yosemite Valley in spring andr summer.r
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r <u>r</u> r BROWN-HEADED COWBIRDr

r *r BROWN-HEADED COWBIRD* (Molothrus ater):r r 7-8 in. Whole body glossyr black except head, neck, and breastr chestnut-brown; eye dark; short conicalr bill; feet black. Female: Smaller than male; grayish-brown; throat and sides of head lighter; faintly streaked. Has habitr of frequently pointing its beak directlyr upward. Lays its eggs in the nests of other birds.rr r

r Frequents lowlands where meadowsr and pastures are situated near tracts ofr willows and cottonwoods. Inhabits chieflyr the Lower and Upper Sonoran life zonesr but occasionally enters the Transitionr zone. C. V. to the Yosemite region.r Commonly seen in Yosemite Valley.r

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TANAGERS: Family Thraupidae
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r <u>r</u> r WESTERN TANAGERr
r <i>r WESTERN TANAGER</i> ( <i>Piranga ludoviciana</i> ): <i>r</i> r 6 1/4-7 in. <i>Most of head scarlet;r wings black with yellowish bars;</i> r upper back and tail black; rest of bodyr yellow. Female: Above olive-green orr brownish-gray, tinged with yellow; belowr dull yellow; wings and tail brownishr rather than black; whitish wingbars;r hint of scarlet on head and throat.r Metallic call <i>tuweet tuweet</i> or <i>prit-itr prit-it</i> , often given repeatedly.rr r
r Frequents fairly open coniferous forestsr with associated broad-leaved trees.r Principally in the Transition and Canadianr life zones in summer. Widespreadr M. S. V. in the Yosemite region, observedr as far east as Merced Lake. Commonr on the floor of Yosemite Valleyr and at Mariposa Grove.r (See cover.)r
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TANAGERS: Family Thraupidae

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## FINCHES, SPARROWS, ETC.: Family Fringillidae

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r <u>r</u> r BLACK-HEADED GROSBEAKr

r r BLACK-HEADED GROSBEAKr (Pheucticus melanocephalus):r r 6 1/2-7 3/4 in. Head black; neck, rump, breast, andr sides brownish-orange running to yellowr on belly; wings with white patch andr two white wing-bars; white marks inr outer tail feathers; large, stubby bill.r Female and immature: Head dark brownr with whitish stripe over each eye andr similar or orange band through centerr r r r of crown; colors less intense. An elaborater song, similar in many respects to that of the robin.rr r

r Frequents chiefly oak woodland, willow-cottonwoodr association, and openr coniferous forests, often near a stream.r Inhabits the Lower Sonoran to ther Transition life zone in summer. Commonr S. V. in the Yosemite region. Oftenr seen about habitations in Yosemiter Valley.r

r r

r *r LAZULI BUNTING* (*Passerina amoena*):*r* r 5-5 1/2 in. *Head, neck, lower back,r and rump bright blue;* blue of upperr back tinged with brown; black line extendsr from eye to bill; wings and tailr dusky; tail with bluish cast; *white wing-bar;r breast rusty;* remainder of underr parts whitish. Female: Upper partsr brown; under parts lighter; two buffyr wing-bars.r

r r

r Frequents areas with scattered clumpsr of brush, weed thickets, or other lowr vegetation on hillsides, often near streams.r S. V. in the Lower Sonoran to the Transitionr life zone. On both slopes of ther Sierra in the Yosemite region. On ther west slope ranges as high as Yosemiter Valley.r

r r

r *r PURPLE FINCH* (*Carpodacus purpureus*):*r* r 5 1/4-6 in. *Rosy red on head,r nape, throat, upper belly, and rump;* r lower belly whitish with vague darkr streaking; brown wings and tail; *tailr quite deeply forked*. Female: Grayish-brown,r streaked; *brown patch back ofr eye* bordered above and below by broadr pale stripes. Song resembles that of ther house finch, lively and rollicking, notr abruptly ended after a few notes as inr Cassin's finch.r

r r

r In summer in the high Upper Sonoranr and Transition life zones, frequentingr oak woodland and coniferous forest.r Favors rather moist, shaded localities.r In the Yosemite region in the zonesr mentioned. Occasional in Yosemiter Valley.r

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r r

<u>r</u> r EVENING GROSBEAKr

r *r EVENING GROSBEAK* (Hesperiphonar vespertina):r r 7 1/2-8 in. Generallyr brownish-yellow except black wings,r crown, and tail; *large white wing-patch*;r forehead and line over eye yellow; headr and breast sooty brown; *short*, *thick bill*.r Female: Plumage generally brownish-gray;r head darker; neck and lower backr tinged with yellow; wings and tail generallyr black but with white markings.rr r

r Breeds in coniferous forests of ther Transition and Canadian life zones, especiallyr where there are firs. S. V.r throughout the Sierra. Occasional inr Yosemite Valley.r

r r

r r CASSIN'S FINCH (Carpodacus cassinii):r r 6-6 1/2 in. Resembles purple finchr but distinct crimson crown clearly setr off from brown of neck and back andr less intense red on breast. Female: Abover olive-gray, streaked with sooty or brown;r below whitish narrowly streaked with dusky; faint light streak over eye. Song,r similar to that of the house finch butr abruptly terminated after a few rollickingr notes.r

r r

r Frequents open semiarid coniferous forests, chiefly of the Canadian and Hudsonian life zones but also in the Transitionr zone and occasionally lower. Sparinglyr to lowlands in winter. In ther Yosemite region R. in forested areasr mostly between 6,000 and 10,000 feet.r Occasionally observed in Yosemiter Valley.r

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r r

r <u>r</u> r HOUSE FINCHr

r

r *r HOUSE FINCH (Carpodacus mexicanus):r* r 5 1/2 in. Upper partsr grayish-brown and faintly streaked;r *head, throat, breast, wing-bend, andr rump red; belly light gray, with narrowr dark stripes,* especially on sides; bill shortr and stout; tail forked. Female: Red absent;r upper parts grayish-brown; belowr whitish with streaks of brown. Oftenr seen in flocks. Commonly nests nearr dwellings. Song a prolonged rollickingr series of notes varying in pitch andr often ending with a rising inflection.rr r

r Frequents a great variety of situationsr chiefly in the Lower and Upper Sonoranr life zones. Inhabits woodland, forestr and chaparral borders, deserts, and cultivatedr lands. R. at lower elevations inr the Yosemite region. C. V. to Yosemiter Valley.r

r r

r *r PINE GROSBEAK* (*Pinicola enucleator*): r r 8-9 1/2 in. *Head, neck, breast, andr rump rose-red;* back gray tinged withr rosy; wings dark brown with two whiter wing-bars; large beak; forked tail. Female: r Plumage generally gray with hintr of red on head and rump. Feeds on berriesr and needle buds and seeds of coniferousr trees.r

r r

r Frequents chiefly broken coniferousr forest often near meadows or a streamr in the high Canadian and Hudsonianr life zones. Sparse R. in the high Sierrar Nevada. In the Yosemite region has been observed at elevations from 8,500 feetr up to timberline.r

r r

r r GRAY-CROWNED ROSY FINCHr (Leucosticte tephrocotis):r r 5 1/2-6 1/2 in.r Black head-cap, bordered with ash-gray;r above grayish-brown; middle area ofr wings, rump, and belly with varyingr amounts of rose-red; throat and breastr rich brown, darkest on chin; bill andr feet black; bill yellow in fall and winter,r in male. Female: Resembles male,r but colors duller, less rosy; bill lighter.r Feeds on insects frozen in the snow orr taken on the wing; also eats the seedsr of sedges and other plants.r

r r

r Closely restricted to the Arctic-alpiner and high Hudsonian life zones where itr frequents alpine turf, snowfields, talus,r and cliffs. R. and breeding in the highr Sierra, including the Yosemite region.r

r r

r PINE SISKIN (Spinus pinus):r r 4 1/2-5 in. Above grayish-brown, streaked with dusky; below lighter, streaked; yellowr area in wing and at base of tail; tailr short, emarginate. Often seen in flocks,r flying in jerky, undulating fashion. Foragesr for seeds and buds in conifers andr other trees and in flower heads aboutr meadows.r

r r

r Frequents chiefly coniferous trees inr the Transition to the Hudsonian lifer zone. R. in the Yosemite region; seenr in Yosemite Valley in summer.r

r r

r r RED CROSSBILL (Loxia curvirostra):r r 5 1/2-6 1/2 in. Body generally brickr red, brightest on head and rump; wingsr and tail dusky; tips of bill crossed; tailr forked. Immature males often withr orange, instead of red, and patches of rolive and gray. Female: Dull olive-grayr with yellowish on under parts and rump;r wings and tail dusky. May be seen inr small groups high in trees. Beak adaptedr for prying apart scales of pine and firr cones to obtain seeds.r

r r

r Frequents coniferous forests of ther Transition to the Hudsonian life zone.r In the Yosemite region, R. in the Canadianr and especially the Hudsonian lifer zones. Reported as nesting in Tuolumner Meadows.r

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r r

r <u>r</u> r LESSER GOLDFINCHr

r r LESSER GOLDFINCH (Spines psaltria):r r 4 in. Above dull olive-green;r below yellow; top of head,

wings, andr tail black; wings with white area; whiter patches in middle of outer tail feathers.r Female: Lacks black cap; less yellow.r Often associated with thistles. Twitteringr call as it flies, often in an indirect,r undulating manner. Feeds in weedr clumps and bushes on seed-heads ofr composites and other plants.rr r

r Frequents open terrain with scatteredr trees and bushes. R. in the Lower Sonoranr to the Transition life zone. C. V.r to Yosemite Valley.r

r

rr r
rr
r <u>r</u>
r GREEN-TAILED TOWHEEr
r <i>r GREEN-TAILED TOWHEE</i> ( <i>Chlorurar chlorura</i> ): <i>r</i> r 6 1/4-7 in. Above olive-green;r <i>tail yellowish-green</i> ; forehead darkr gray; <i>crown reddish-brown</i> ; white liner from bill to eye and also in malar region;r throat and belly white, separated by olive-grayr breast; edge of wing yellow. Immature:r Lacks reddish-brown crown. Callr a cat-like <i>mew</i> , <i>mew</i> .rr r
r Inhabits chiefly chaparral growth ofr the Transition, Canadian, and Hudsonianr life zones. Scattered trees may be presentr but forests are largely avoided. Thicketsr of ceanothus, manzanita, and sagebrushr are frequented. S. V. in the Yosemiter region; often seen in the Mariposa Grove,r along the Pohono Trail, and occasionallyr in Yosemite Valley.r
rr r
rr
r <u>r</u> r RUFOUS-SIDED TOWHEEr
r r RUFOUS-SIDED TOWHEE (Pipilor erythrophthalmus):r r 7-8 1/4 in. Head andr throat black; wings black, spotted andr barred with white; tail black with whiter thumb-marks on outer tail feathers;r sides rusty-brown; belly white; eyes red.r Call a nasal, inquiring yeah with risingr inflection. Often forages in

FINCHES, SPARROWS, ETC.: Family Fringillidae

ground coverr of dead leaves and twigs; jumps andr scratches with both feet at once.rr r

r Frequents chaparral, streamside thickets,r and understory brush of open forests.r In summer inhabits chiefly
ther Upper Sonoran and Transition life zones.r In Yosemite region has been recorded asr high as 7,700 feet, at
Glen Aulin. R. inr Yosemite Valley and western foothills.r

The second of th	
rrrr	
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rr	
r <u>r</u>	r BROWN TOWHEEr
r r BROWN TOWHEE (Pipilo fuscus):r r 8 1/4-9 1/2 in. Body generally brofeathers reddish-brown;r chin lightly streaked with dusky; tail long.rr r	own; eyelids,r throat, and under tail
r Frequents open brushland, mixedr woodland and underbrush, streamsider aboutr homes. Inhabits the Lower and Upperr Sonoran life zones, and spari in the westernr foothills. C. V. at lower elevations of the park as at El Port	ingly entersr the Transition zone. R.
rr	
r	
rr	
	r <u>r</u> r VESPER SPARROWr
r <i>r VESPER SPARROW (Pooecetes gramineus):r</i> r 5 1/2-6 1/4 in. Above lidusky; below soiled white with brown streaks on breast and flanks; suggestions.	ght grayish-brown,r streaked with

obscure, dark spotr on breast; two outer tail feathers white.rr r

r Frequents open grassland or areas with low annuals and scattered low bushes.r In summer inhabits chiefly the Upperr Sonoran and Transition life zones butr locally enters the Canadian life zone.r S. V. on the east side of the Sierra. W. V.r to the western part of the Yosemite region.r Several records for Yosemiter Valley.r

r r r

r <u>r</u> r SAVANNAH SPARROWr r

r *r SAVANNAH SPARROW (Passerculus sandwichensis):r* r 4 3/4-6 in. Abover brown with streaks of dusky; belowr narrowly streaked with brown exceptr on throat and belly; line over eye whitishr to yellowish; *white stripe throughr crown;* dark spot on breast; legs lightr pink; tail slightly forked.rr r

r Frequents sagebrush, grassland, andr marshes. In winter may be seen in cultivatedr or fallow fields. S. V. in ther Lower Sonoran to the Transition lifer zone. Ranges sporadically into the Yosemiter region, largely from the east side,r in later summer and fall. Has been recordedr at 9,700 feet above Ten Lakesr and in Yosemite Valley.r

rrrrr r

r r

r LARK SPARROWr

r *r LARK SPARROW* (*Chondestes grammacus*): r r 5 1/2-6 1/4 in. Upper parts brownish-grayr streaked with black; *top ofr head rich brown with white striper through center; white streak over eye*r and another in malar region setting offr chestnut patch on side of head; whiter throat marked at sides with black, settingr off white malar band; under partsr whitish; black spot on breast; tailr rounded, with all but central feathersr black, broadly tipped with white. Femaler with head markings duller andr immature with streaked breast andr without dark breast-spot.rr r

r Frequents open woodland, brokenr brushland, orchards, or other open terrainr with scattered trees or bushes,r chiefly in the Lower and Upper Sonoranr life zones. R. in the western foothillsr in the Yosemite region. C. V. to Yosemiter Valley.r

r r

r

r <u>r</u>	r
r RUFOUS-CROW	NED SPARROWr

r *r RUFOUS-CROWNED SPARROWr* (*Aimophila ruficeps*): *r* r 5-5 3/4 in. *Rufousr red cap*; throat white with *black malarr stripe*; belly gray or buffy, unstreaked; back grayish-brown, streaked with rusty; r buffy line over eye. Immature: Lacksr reddish-brown crown and has streakedr breast.rr r

r Frequents sparse low brush of grassyr hillsides in the Upper Sonoran life zone.r Especially attracted to sagebrush. R. inr the western foothills of the Yosemiter region. C. V. to Yosemite Valley.r

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r r

r <u>r</u> r r SAGE SPARROWr

r *r SAGE SPARROW* (*Amphispiza belli*): r r 5-6 1/4 in. Head gray, with whiter spot in front of eye; white eye-ring;r throat white with narrow to broad blackr malar stripe, solid or broken, setting offr white patch between it and dark cheekpatch;r breast and belly whitish, streakedr on sides; dark spot on breast; backr grayish-brown, streaked.rr r

r Frequents arid to semiarid lowlandsr with chaparral or sagebrush and otherr bushes of desert type. Inhabits chieflyr the Upper Sonoran life zone. Frequentsr the foothills of the Yosemite region onr the east and west sides of the Sierra.r C. V. to Yosemite Valley.r

r r

r *r SLATE-COLORED JUNCO (Junco hyemalis):r* r 5 1/2-6 1/2 in. Head, breast,r and back slate-gray, contrasting withr white belly; two outer tail feathers completelyr white, third partly so; no reddishr or brown coloration in adult male. Female:r Browner above; below pale. Immature:r Often with faint brownish orr buff on sides.r

r r

r Frequents a great variety of habitatsr but often found where there is forest orr brush cover of open type. Rare M. andr W. V. throughout California except ther Colorado Desert. Regular W. V. in ther Yosemite region. Has been observed inr Yosemite Valley.r

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r <u>r</u> r r OREGON JUNCOr
r r OREGON JUNCO (Junco oreganus):r r 5-6 in. Head, neck, and breast black,r brownish or slaty in female and immatures;r back light brown to reddish-brown;r under parts white, tinged with brownish or pinkish on sides; outer tailr feathers white; bill whitish. Song suggestsr tinkle of bells; call a metallic tck.r Nests on the ground or in trees.rr r
r Frequents a wide variety of habitatsr in the mountains but seems to preferr fairly moist woodland or forests withr a broken understory. Abundant S. V.r in the Yosemite region from the Transitionr zone to timberline. In winter descendsr to the foothills. Some remain inr Yosemite Valley in winter.r
rr r
rr
r <u>r</u> r r CHIPPING SPARROWr
r <i>r CHIPPING SPARROW</i> ( <i>Spizella passerina</i> ): <i>r</i> r 5-5 1/2 in. Above brown, streakedr with black; <i>crown chestnut</i> ; whitishr line over eye and black line extendingr from bill through eye; <i>under parts lightr gray</i> , <i>unstreaked</i> ; relatively long, notchedr tail. Immatures: Streaked below andr crown may be divided by pale line. Callr a whirring series of short notes nearr one pitch.rr r
r Frequents open woodland or coniferousr forests with little understory vege-tation.r Inhabits the Lower Sonoran upr through the Hudsonian life zone in summer.r S. V. in the Yosemite region, mostr commonly in the Upper Sonoran andr Transition life zones. To be seen inr Yosemite Valley.r
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rr

## r <u>r</u> r WHITE-CROWNED SPARROWr

r r WHITE-CROWNED SPARROWr (Zonotrichia leucophrys):r r 5 3/4-7 in. Headr with black and white stripes; whiter stripe from above bill through middler of crown; white stripe over eye stoppingr short of or reaching bill; upper backr gray-brown, streaked; rump lighterr brown, unstreaked; under parts whitish,r darker on breast and sides. Immature:r Head stripes chestnut-brown and gray;r gray of under parts tinged with brownish.r Song is sweet and plaintive.rr r

r Frequents grassy areas with scatteredr bushes and trees. In the Sierra seems tor favor willow thickets in mountain meadows.r In winter in shrubbery, brokenr tracts of chaparral, etc. In the Sierra, S.r V. in the Transition to the Hudsonian lifer zone. Widespread in the lowlands in winter.r In the Yosemite region nests chieflyr in the Hudsonian zone but a few nestingr records for Yosemite. Common in Tuolumner Meadows area. Fall and winterr visitant to Yosemite Valley.r

rrrrr r rr

## r r GOLDEN-CROWNED SPARROWr

r *r GOLDEN-CROWNED SPARROWr (Zonotrichia atricapilla):r* r 6-7 in. Crownr yellow bordered by black; back brown,r streaked with black; two white wingbars;r under parts light grayish-brown.r Immature: Yellow of crown faint andr largely confined to forehead. Often gives plaintive call *Oh, come here*, on a descendingr scale.rr r

r Frequents broken brushland and tractsr of grassy or weedy ground where therer is a scattering of bushes and trees. W. V.r to western foothills. In the fall in ther Yosemite region from the lowlands upr through the Canadian life zone. C. V.r to Yosemite Valley.r

r r r

r r

r <u>r</u> FOX SPARROWr

r r FOX SPARROW (Passerella iliaca):r r 6 1/4-7 1/4 in. Above varying from soft,r rich, reddish-brown to grayish; sides andr breast irregularly streaked with heavyr arrow-like black to rufous spots; rumpr and tail reddish-brown; bill heavy, grayishr to yellowish. Compare with hermitr thrush. Excellent singer, first two notesr loud and clear followed by trills. Foragesr in thickets and on the ground, in areasr where there is abundant leaf litter,r scratching with both feet at the samer time.rr r

r Frequents chaparral, streamside tangles,r and underbrush of woodland andr forest. In the Yosemite region S. V. tor the Canadian life zone on both slopes of the Sierra. Seen along the rim of Yosemiter Valley and in the upper part of Mariposa Grove. Some subspecies M. and W. V. chiefly in the Upper Sonoran zone.r

r r r

r r

r <u>r</u> r LINCOLN'S SPARROWr

r *r LINCOLN'S SPARROW (Melospizar lincolnii):r* r 5-6 in. Above brownish-gray,r more or less irregularly streaked; *breastr buffy, narrowly streaked with black*,r sometimes with dark spot in middle;r belly whitish, largely unstreaked; sidesr grayish with narrow black streaks; narrowr eye-ring.rr r

r Seeks damp meadows and stream bordersr in mountains in summer, chiefly inr the Canadian life zone but also in adjacentr zones. In the Yosemite region inr summer in the zones mentioned to 9,000r feet at the head of Lyell Canyon. Nestsr regularly in meadows of the upper Mariposar Grove. In winter and fall at lowerr elevations, occasionally including Yosemiter Valley.r

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r r

r <u>r</u> r SONG SPARROWr

r r SONG SPARROW (Melospiza melodia):r r 5-6 3/4 in. Above varying from brownish-gray to rusty with darkerr streaks; tail dark brown to rusty; below light gray streaked with dark brown orr r rusty, most profusely on breast; brown or rusty spots radiate from larger breastr spot; breast spot may be poorly defined or absent in young; indistinct whitishr stripe over eye with black one on sider of throat, setting off white malar stripe.r Many subspecies differing in color and size.rr r

r Frequents tangles of brush, weeds,r and other low growth, usually nearr water or over damp ground. Often becomes established in shrubbery about dwellings. Breeds over a wide zonalr range from the Lower Sonoran to ther Hudsonian life zone. R. at lower elevations in the Yosemite region, sparinglyr including Yosemite Valley and Wawona.r W. V. largely below 4,500 feet on ther west slope of the Sierra. In the fallr stragglers may reach 9,000 feet on ther east slope.r

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	r Next: Infrequent Species r • r Contents r • r Previous: Tanagers r
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	r http://www.yosemite.ca.us/library/birds_of_yosemite/finches_sparrows.htmlr
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	r <u>Yosemite</u> > <u>Library</u> >r <u>Birds of Yosemite</u> >r Species Recorded in the Yosemite Region But of Infrequent Occurrence >r
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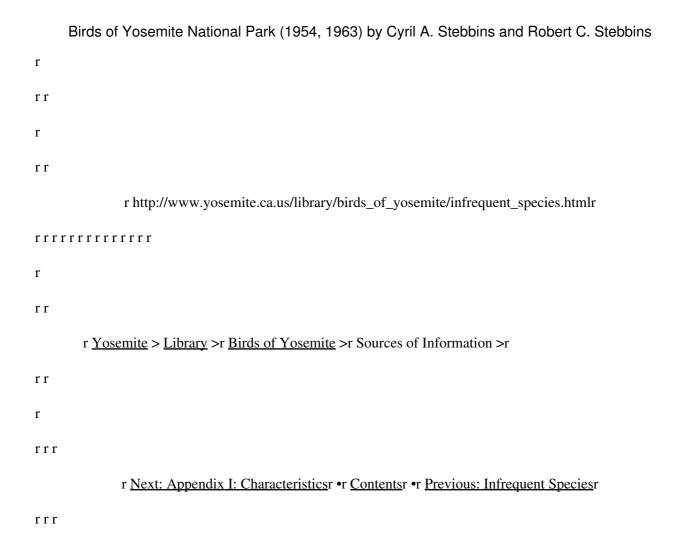
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## SPECIES RECORDED IN THE YOSEMITE REGION R BUT OF INFREQUENT OCCURRENCE

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r r phalarope, redr
                 r r
                                                        r raven, commonr
                 r *chickadee, chestnut-backedr
                                                        r redheadr
                 r flycatcher, grayr
                                                        r sandpiper, Baird'sr
                       kiskadeer
                                                              leastr
                 r goldeneye, commonr
                                                               solitaryr
                                                        r sapsucker, red-breastedr
                 r *goldfinch, Americanr
                                                        r shrike, northernr
                       Lawrence'sr
                 r *grebe, westernr
                                                        r sorar
                 r grosbeak, bluer
                                                        r sparrow, Brewer'sr
                                                              Harris'r
                 r gull, Bonaparte'sr
                       herringr
                                                               white-throatedr
                 r *hawk, ferruginousr
                                                        r stilt, black-neckedr swallow, barnr
                        *pigeonr
                                                        r tattler, wanderingr
                 r heron, black-crowned nightr
                                                        r *warbler, myrtler
                 r jaeger, parasiticr
                                                        r waxwing, bohemianr
                 r kite, white-tailedr
                                                        r willetr
                 r loon, Arcticr
                                                        r woodpecker red-headedr
                 r *martin, purpler
                                                        r yellowlegs, lesserr r
                 r owl, barnr
                       *flammulatedr
                 r r
rrr
r *Of more common occurrence than the remainder of the birds in this list.r
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r Next: Sources of Informationr •r Contentsr •r Previous: Finches, Sparrows, etc.r



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SOURCES OF INFORMATION	
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r Next: Appendix I: Characteristics of Contents of Previous: Infrequent Species	
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## **APPENDIX I: FAMILY CHARACTERISTICS OF BIRDS**

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r The character of the bill and feet of a bird often may serve as ar guide to its habits and an indication of its relationship to other birds.r For example, seed-eating species have short stout bills that are used inr cracking seeds, woodpeckers have long chisel-like bills for drilling intor wood, and owls have hooked beaks for tearing apart animals theyr capture with their long curved talons. Often all the members of a birdr family have similar beak and foot structure but this is not invariablyr true because the members of a family may have become adapted to differentr modes of life.r

r r

r The illustrations (pages 65-69, figures 1-45) depict variation in beak and footr structure. The families shown with the species representing them are as follows:r

r r

#### r <u>r Grebes: Order Podicipediformes</u>r

1. Grebes: Family Podicipedidae—Western Greber

r r

#### r r Pelican-like birds: Order Pelecaniformesr

- 2. Pelicans: Family Pelecanidae—White pelican (Foot as in figure 3)r
- r 3. Cormorants: Family Phalacrocoracidae—Double-crested cormorantr

r r

#### r r Stork-like birds: Order Ciconiiformesr

4. Herons and Bitterns: Family Ardeidae—Green heron (note comb onr middle toenail)r

r r

#### r r Goose-like birds: Order Anseriformesr

5. Ducks, Geese, and Swans: Family Anatidae—Buffleheadr

r r

#### r r Hawk-like birds: Order Falconiformesr

6. American Vultures: Family Cathartidae—Turkey vulturer

7. Kites, Hawks, and Eagles: Family Accipitridae—Red-tailed hawkr

r r

r

#### r r Fowl-like birds: Order Galliformesr

8. Quail and Pheasants: Family Phasianidae—Gambel'S quailr

r r

#### r r Crane-like birds: Order Gruiformesr

9. Rails: Family Rallidae—American cootr

r r

#### r r Plover-like birds: Order Charadriiformesr

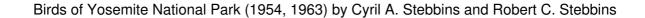
- r 10. Plovers: Family Charadriidae—Killdeerr
- r 11. Snipe, Sandpipers, etc.: Family Scolopacidae—Least sandpiperr
- r 12. Avocets and Stilts: Family Recurvirostiudae—American avocetr
- r 13. Phalaropes: Family Phalaropodidae—Northern phalaroper
- r 14. Gulls and Terns: Family Laridae—Ring-billed gull (immature)r

r r

#### r r Pigeon-like birds: Order Columbiformesr

15. Pigeons and Doves: Family Columbidae—Mourning dover

rrrr



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### r <u>r Cuckoo-like birds: Order Cuculiformes</u>r

16. Cuckoos, Roadrunners, etc.: Family Cuculidae—Roadrunnerr

## r <u>r Owls: Order Strigiformes</u>r

- r 17. Barn Owls: Family Tytonidae—Barn owl (Note comb on front toenail)r
- r 18. Typical Owls: Family Strigidae—Screech owl (Foot similar to Tytonidaer but no comb on nail)r

r r

#### r r Goatsucker-like birds: Order Caprimulgiformesr

r 19. Goatsuckers: Family Caprimulgidae—Common nighthawk (Note comb onr middle toenail)r

r r

#### r r Swifts and Hummingbirds: Order Apodiformesr

- r 20. Swifts: Family Apodidae—Vaux's swift (Note bare spine-like shafts of tipsr of tail feathers)r
  - 21. Hummingbirds: Family Trochilidae—Allen's Hummingbird (female)r

r r

#### r r Roller-like birds: Order Coraciiformesr

22. Kingfishers: Family Alcedinidae—Belted kingfisherr

r r

#### r <u>r Woodpecker-like birds: Order Piciformes</u>r

r 23. Woodpeckers: Family Picidae—Yellow-bellied sapsuckerr (Note the *zygodactyl* foot—two toes in front, two behind)r

r r

#### r r Perching birds: Order Passeriformesr

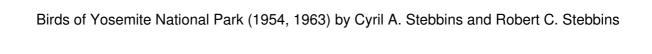
- \*24.r <u>Tyrant Flycatchers: Family Tyrannidae</u>—Say'S phoeber
- r 25.r <u>Larks: Family Alaudidae</u>—Horned larkr
- r 26.r <u>Swallows: Family Hirundinidae</u>—Violet-green swallowr
- r 27.r <u>Jays, Magpies, and Crows: Family Corvidae</u>—Scrub jayr

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r \*The species representing these families have a foot structure similar to that shown in figure 27.r



 $\begin{array}{c} r\underline{r} \\ rrrrr \end{array}$ 

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r Perching birds: Order Passeriformes (Cont'd.)r
      *28.r Tits: Family Paridae—Plain titmouser
      *29.r Nuthatches: Family Sittidae—White-breasted nuthatchr
r
      *30.r Creepers: Family Certhrdae—Brown creeper (The tail feathers are stiffenedr and pointed)r
r
      *31.r Wrentits: Family Chamaeidae—Wrentitr
r
      *32.r r Dippers: Family Cinclidae—Dipperr
r
      *33.r r Wrens: Family Troglodytidae—Bewick's wrenr
      *34.r r Mockingbirds and Thrashers: Family Mimidae—California thrasherr
r
      35.r r Thrushes: Family Turdidae—Hermit thrushr
r
      *36.r r Old-World Warblers, Gnatcatchers.r Kinglets: Family Sylviidae—Golden-crownedr kingletr
      37.r r Wagtails: Family Motacillidae—Water pipitr
r
      *38.r r Waxwings: Family Bombycillidae—Cedar waxwingr
         [--. Silky Flycatchers:r Family Ptilogonatidae]r
rrr
       *39.r r Shrikes: Family Laniidae—Loggerhead shriker
r r
      *40.r r Vireos: Family Vireonidae—Solitary vireor
r
      *41.r r Wood Warblers: Family Parulidae—Yellow-throatr
r
      *42.r r Weaver Finches: Family Ploceidae—-House sparrowr
r
      *43.r r Orioles and Blackbirds: Family Icteridae—Scott's orioler
      *44.r <u>r Tanagers: Family Thraupidae</u>—Western tanagerr
r
      *45.r r Finches, Sparrows, etc.: Family Fringillidae—White-crowned sparrowr
r r
r *r The species representing these families have a foot structure similar to that shown in figure 35.r
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APPENDIX I: FAMILY CHARACTERISTICS OF BIRDS



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r Next: Appendix II: Keyr •r Contentsr •r Previous: Sources of Informationr

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	Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
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	r http://www.yosemite.ca.us/library/birds_of_yosemite/characteristics.htmlr
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	r <u>Yosemite</u> > <u>Library</u> >r <u>Birds of Yosemite</u> >r Appendix II: Key to the Yosemite Birds >r
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## APPENDIX II: KEY TO THE YOSEMITE BIRDS

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### I. CATEGORIES BASED ON COLOR (INCLUDING BLACK AND WHITE)

r

- r (1) <u>BIRDS WITH CONSPICUOUS REDDISH OR SCARLET MARKINGS</u>r
- r (2) BIRDS WITH CONSPICUOUS ORANGE, CHESTNUT, OR RUSTY MARKINGS r
- r (3) BIRDS WITH CONSPICUOUS YELLOW OR GREENISH-YELLOW MARKINGSr
- r (4) <u>BIRDS WITH CONSPICUOUS BLUE MARKINGS</u>r
- r (5) BIRDS WITH CONSPICUOUS BLACK MARKINGSr
- r (6) BIRDS WITH CONSPICUOUS WHITE IN TAIL, WINGS, OR BOTHr

r r

#### II. CATEGORIES BASED ON CHARACTERISTICS OTHER THAN COLOR

r r

- r (7) <u>BIRDS WITH LINE OVER, UNDER, THROUGH, OR NEAR THE EYE</u>r
- r (8) BIRDS WITH COLLAR-BAND OR BREAST-PATCHr
- r (9) BIRDS WITH EYE-RINGr
- r (10) BIRDS WITH FORKED TAILr
- r (11) BIRDS WITH CREST OR PLUMEr
- r (12) WOODPECKERS AND OTHER CLIMBERSr
- r (13) BIRDS THAT HOLD THE TAIL ERECTr
- r (14) BIRDS THAT BOB OR TEETERr
- r (15) DUCKS AND DUCK-LIKE BIRDSr

r r

r

r **HOW TO USE THE KEY:**r The bird seen should be placed under the most appropriate of these headings. Ar decision as to size is the next step. The size of the bird is compared with the length of a junco, about 6 inches,r Brewer's blackbird, about 10 inches, or crow, about 18 inches. Descriptions are of male birds in breeding plumager unless otherwise noted.r

r Since it is often difficult to determine size (length from tip of bill to tip of tail) of the bird in the field, ther observer may need to check the identification in two or more size groups.r

r r

r Birds not easily identified or that fit readily into a number of categories are sometimes described in two or more,r categories. Birds easily identified are described but once. Descriptions of birds in the key are not complete. As ar check on identification refer to the page indicated for the more detailed description in the

r r

text.r

r <u>Hummingbirds</u>, r <u>hawks</u>, andr <u>owls</u>r do not appear in the key.r Those birds are easily recognized as to group, hencer reference can be made directly to the descriptions of species (see index) and each account read until identification isr made. Certain of the rare Yosemite species have been omitted from the key.r

.. ..

## I. CATEGORIES BASED ON COLOR (INCLUDING BLACK AND WHITE)

rrr

#### rr(1) BIRDS WITH CONSPICUOUS REDDISH OR SCARLET MARKINGSr

r r

r r About size of Junco (6 in.) or smallerr r

r r

r Body reddish; tail slightly forked; tips of bill crossed; chunky—r <u>RED CROSSBILL</u>r (p. 57)r

r Head, rump, breast red; tail forked—r <u>PURPLE</u>r (p. 56),r <u>HOUSE</u>r (p. 57), orr <u>CASSIN'S</u> <u>FINCH</u>r (p. 56)r

r Body dark brown; back of head light gray; wings and rump pinkish; high Sierra—r <u>GRAY</u> <u>CROWNED ROSY FINCH</u>r (p. 57)r

r r

r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r

- r Head reddish; body yellow; wings and tail black—r WESTERN TANAGER (p. 55)r
- r Head, throat, breast reds woodpecker—r <u>YELLOW-BELLIED SAPSUCKER</u>r (p. 31)r
- r Red patch on wing-bend, otherwise black—r REDWINGED BLACKBIRDr (pp. 53, 54)r
- r Foreparts and rump rose-red; white wing-bars; tail forked; high Sierra—r <u>PINE</u> <u>GROSBEAK</u>r (p. 57)r

rrr

#### r r (2) BIRDS WITH CONSPICUOUS ORANGE, CHESTNUT, OR RUSTY MARKINGSr

```
r r
r r About size of Junco (6 in.)r r
r r
       r Crown rusty; black line through eye; breast not streaked—r CHIPPING SPARROWr (p.
       r Tail rusty; long, slender, slightly curved bill; white breast—r CANYON WRENr (p. 44)r
       r Tail rusty; slender legs and beak; nervous twitching of wings; breast spotted—r HERMIT
       THRUSHr (p. 45)r
r r
r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
r r
       r Crown reddish-brown; tail yellowish-green; threat and belly white—r GREEN-TAILED
       <u>TOWHEE</u>r (p. 58)r
       r Under parts orange except yellow belly; head black; white in black wings and tail; bill
       thick—r BLACK-HEADED GROSBEAKr (p. 55)r
       r Sides reddish-brown; head black; below white; eye orange—r RUFOUS-SIDED TOWHEEr
       (p. 58)r
       r Tail rusty; bill thick; breast spotted—r FOX SPARROWr (p. 62)r
r r
r r About size of Brewer's Blackbird (10 in.)r r
r r
       r Chestnut patch in middle of belly; plume tipped forward—r CALIFORNIA QUAILr (p. 19)r
       r Throat and sides with chestnut; long, slender plume tipped backward or upright;
       mountains—r MOUNTAIN QUAILr (p. 18)r
       r Rusty toward base of tail; white tips to tail feathers; white in slender wings; vociferous—r
       KILLDEERr (p. 20)r
       r Tail orange-brown; wings bluish in malty; black lines on face—r SPARROW HAWKr (p.
       16)r
       r Breast orange; above dark brown; hill yellow—r ROBINr (p. 45)r
       r Breast brownish-orange with black band—r <u>VARIED THRUSH</u>r (p. 45)r
r r
r r Intermediate between Brewer's Blackbird (10 in.) and Crow (18 In.)r r
r r
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r Lining of wings and under -surface of tail orange; rump white—r RED-SHAFTED
FLICKERr (p. 30)r
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r Tail rusty; soaring flight—r RED-TAILED HAWKr (p. 14)r

rrrrrr

#### r r (3) BIRDS WITH CONSPICUOUS YELLOW OR GREENISH-YELLOW MARKINGSr

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r r
r r Smaller than Junco (6 in.)r r
r r
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r r A. With Conspicuous Black Markingsr rr r

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r Head-cap black; no white in wings and tail; generally yellow—r
WILSON'S WARBLERr (p. 52)r
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r Throat black; head yellow; belly white; wing-bars—r HERMIT WARBLERr (p. 51)r

r Crown black; back grayish-green; below yellow—r LESSER GOLDFINCHr (p. 58)r

r Yellow spot on rump, head, sides; gray above, streaked with black; white thumb-marks on tail—r <u>AUDUBON'S WARBLER</u>r (p. 51)r

r r

r r B. Without Black Markingsr r

r r

r Above yellowish-green; under parts bright yellow; conspicuous black eyes; very active; spreadsr tail—r IMMATURE or FEMALE WILSON'S WARBLERr (p. 52)r

r Almost entirely yellow; wings and tail dusky—r YELLOW WARBLER r (p. 50)r

r Rusty crown-patch; head gray; eye-ring; below yellow—r NASHVILLE WARBLERr (p. 50)r

r Below greenish-yellow; above olive-green; obscure orange patch on crown—r ORANGE-CROWNED WARBLERr (p. 50)r

r Head and neck slaty; below yellow—r MACGILLIVRAY'S WARBLERr (p. 52)r

r Below faint yellow; above olive or gray; eye-ring—r HAMMOND'S FLYCATCHERr (p. 34)r

r

r r

r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r

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r r
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r Crown golden; generally brown above and light below—r <u>GOLDEN-CROWNED</u> <u>SPARROW</u>r (p. 62)r r Above greenish-vellow: below vellow: wings and tail dusky—r FEMALE WESTE

r Above greenish-yellow; below yellow; wings and tail dusky—r  $\underline{\text{FEMALE WESTERN}}$   $\underline{\text{TANAGER}}$ r (p. 55)r

r Forehead and line over eye yellow; white patch on black wing; thick bill—r <u>EVENING</u> <u>GROSBEAK</u>r (p. 56)r

r Belly yellow; tail black with white outer feathers—r WESTERN KINGBIRDr (p. 33)r

r r

r r About size of Brewer's Blackbird (10 in.)r r

r r

r Below yellow; black crescent on breast; white outer tail feathers—r <u>WESTERN</u> <u>MEADOWLARK</u>r (p. 53)r

rrr

#### r r (4) BIRDS WITH CONSPICUOUS BLUE MARKINGSr

r r

r r About size of Junco (6 in.) or smallerr r

r r

r Head, neck, and back blue; white wing-bar; breast chestnut—r <u>LAZULI BUNTING</u>r (p. 56)r

r r

r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r

r r

r Generally blue; tail forked—r MOUNTAIN BLUEBIRDr (p. 46)r

r Above blue; breast rusty—r <u>WESTERN BLUEBIRD</u>r (p. 46)r

r r

r r Intermediate between Brewer's Blackbird (10 in.) and Crow (18 in.)r r

- r Generally blue; head and neck black; crested—r STELLER'S JAYr (pp. 36, 37)r
- r Generally blue; brown patch on back; not crested—r SCRUB JAYr (p. 38)r
- r Above blue; blue band on breast; crested—r <u>BELTED KINGFISHER</u>r (p. 29)r
- r Similar to preceding but sides rusty and two bands on breast—r FEMALE BELTED

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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins 

<u>KINGFISHER</u>r (p. 29)r
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r r

r r Larger than Crow (18 in.)r r

r r

r Above slaty blue but tips of wings darker; long legs and neck (42-50 in.)—r <u>GREAT BLUE</u> <u>HERON</u>r (p. 7)r

rrr

#### r r (5) BIRDS WITH CONSPICUOUS BLACK MARKINGSr

r r

r r About size of Junco (6 in.) or smallerr r

r r

- r Head, neck, and throat black; white outer tail feathers—r JUNCOr (pp. 60, 61)r
- r Crown and nape black; under parts white; climber—r <u>WHITE-BREASTED NUTHATCH</u>r (p. 40)r
- r Head black with two white stripes, one above, other below eye; black cheeks—r <u>BLACK-THROATED GRAY WARBLER</u>r (p. 51)r
- r Throat and head black; cheeks white—r MOUNTAIN CHICKADEEr (p. 39)r

r r

r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r

r r

- r Conspicuous white stripe along bend of wing; back and wing black with white spotting; head, neck,r and breast red—r <u>YELLOW-BELLIED SAPSUCKER</u>r (p. 31)r
- r Wings with large white patch; red streak on chin and throat; rump white; belly yellow—r <u>WILLIAMSON'S SAPSUCKER</u>r (p. 31)r
- r White bars across black back; nape red—r NUTTALL'S WOODPECKERr (p. 32)r
- r Similar to above but without red—r <u>FEMALE NUTTALL'S WOODPECKER</u>r (p. 32)r
- r Body black; head white; white on wings; nape red—r <u>WHITE-HEADED WOODPECKER</u>r (p. 32)r
- r White patch down black back; white outer tail feathers with black markings—r <u>DOWNY</u> <u>WOODPECKER</u>r (p. 33)r
- r Head and breast black; below white; inconspicuous crest—r BLACK PHOEBEr (p. 34)r
- r Head, neck, throat black; white thumb-marks on tips of outer tail feathers; sides reddish-brown—r RUFOUS-SIDED TOWHEEr (p. 58)r

r r

r r About size of Brewer's Blackbird (10 in.)r r

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r r
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r Back, wings, and tail black; rump and patch in wing white; crown red; throat, forehead, and
       sidesr of head white—r ACORN WOODPECKERr (p. 30)r
       r Entirely iridescent black; iris white; gregarious—r MALE BREWER'S BLACKBIRDr (p.
       54)r
       r Body blackish; eye dark brown; head' and neck brownish—r FEMALE BREWER'S
       BLACKBIRDr (p. 54)r
       r Wings black with white patch; slack bar through eye; hooked beak—r SHRIKEr (pp. 49,
       63)r
r r
r r Intermediate between Brewer's Blackbird (10 in.) and Crow (18 in.)r r
r r
       r Black crescent on breast; red line on side of head; rump white; wing lining orange—r
       RED-SHAFTED FLICKERr (p. 30)r
       r Upper parts black; forehead and side of head dull red; breast gray passing to rose on
       belly—r LEWIS' WOODPECKERr (p. 30)r
       r Wings and tail black, marked with white; rest of body gray—r CLARK'S NUTCRACKERr
       (p. 39)r
r r
r r About Size of Crow (18 in.) or Largerr r
r r
       r Entirely iridescent black; often in flocks; cultivated land—r COMMON CROWr (p. 39)r
       r Generally black; crest red—r PILEATED WOODPECKERr (p. 29)r
rrrrrr
r r (6) BIRDS WITH CONSPICUOUS WHITE IN TAIL, WINGS, OR BOTHr
r r
r r WHITE IN BOTH WING AND TAILr r
r r
       r r
       r r Smaller than Junco (6 in.)r r
       r r
              r Crown black; below yellow; above olive-gray—r LESSER GOLDFINCHr
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(p. 58)r

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r Yellowish patch on chin, crown, rump, and on each side; under parts
               whitish; above bluish-gray—r AUDUBON'S WARBLERr (p. 51)r
       r r
       r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
       r r
               r Head black; bill thick; throat and breast orange—r BLACK-HEADED
               GROSBEAKr (p. 55)r
               r Head black; eyes red; sides reddish-brown—r RUFOUS-SIDED TOWHEEr
               r Long, slender-winged, erratic flyer, active at dusk—r COMMON
               NIGHTHAWKr (p. 26)r
       r r
       r r About size of Brewer's Blackbird (10 in.)r r
       r r
               r Black mask; beak hooked—r SHRIKEr (pp. 49, 63)r
               r Body generally gray; wings and tail black—r MOCKINGBIRDr (p. 44)r
               r Generally gray; wings and tail with black; high mountains; nasal call—r
               CLARK'S NUTCRACKERr (p. 39)r
               r Wings slender; tail rusty; above dark brown; black bands on breast; below
               white—r KILLDEERr (p. 20)r
       r r
       r r Intermediate between Brewer's Blackbird (10 in.) and Crow (18 in.)r r
       r r
               r Upper parts brown; yellow below; black crescent on breast—r WESTERN
               MEADOWLARKr (p. 53)r
       r r
r r WHITE IN TAILr r
       r r
       r r Smaller than Junco (6 in.)r r
       r r
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r r

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r Yellow patch on rump; white thumb-marks on tips of tail feathers—r
              FEMALE or IMMATURE AUDUBON'S WARBLERr (p. 51)r
              r Head, neck, and breast black; back brown; bill yellow—r JUNCOr (pp. 60,
              61)r
              r Head, neck, and breast gray; back brown; bill yellowish—r FEMALE
              <u>JUNCO</u>r (pp. 60, 61)r
              r Top of head and nape black; long, slender bill—r WHITE-BREASTED
              NUTHATCHr (p. 40)r
       r r
       r r Intermediate between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
       r r
              r Tail-wagging habit; breast streaked—r WATER PIPITr (p. 48)r
              r Generally gray; buffy bar in wing—r TOWNSEND'S SOLITAIREr (p. 46)r
              r Intermediate between Brewer's Blackbird (10 in.) and Crow (18 in.)r
              r Central tail feathers long; tail wedge-shaped when spread; pinkish throat
              and breast—r MOURNING DOVEr (p. 23)r
       r r
r r WHITE IN WINGr r
       r r
       r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
       r r
              r Generally brownish-yellow; bill short, thick; tail forked—r EVENING
              GROSBEAKr (p. 56)r
              r Wings swallow-like; tail forked; under parts barred—r COMMON
              NIGHTHAWKr (p. 26)r
              r Head white; nape red (not in female); generally black—r
              WHITE-HEADED WOODPECKERr (p. 32)r
              r Generally black; rump and belly white; crown red—r ACORN
               WOODPECKERr (p. 30)r
       r r
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rrr

#### II. CATEGORIES BASED ON CHARACTERISTICS OTHER THAN COLOR

rrr

#### rr(7) BIRDS WITH LINE OVER, UNDER, THROUGH, OR NEAR THE EYER

rr
r Smaller than Junco (6 in.)rr
rr
rr

r r A. One or More Wing-Barsr r

r r

- r Above grayish; white line over eye; crown orange, margined by yellow and black—r <u>GOLDEN-CROWNED KINGLET</u>r (p. 47)r
- r Grayish-brown; white line over eye; yellow tinge on sides—r <u>WARBLING</u> <u>VIREO</u>r (p. 50)r
- r Above olive-gray; white line from bill to eye-ring—r <u>SOLITARY VIREO</u>r (p. 49)r
- r Above gray; inconspicuous wing-bars and white line over eye; willows, usually—r <u>WARBLING VIREO</u>r (p. 50)r
- r Top of head, cheeks, throat black; back slaty gray—r <u>BLACK-THROATED</u> <u>GRAY WARBLER</u>r (p. 51)r
- r Throat and cheeks black; yellow stripe above and below eye—r <u>TOWNSEND'S WARBLER</u>r (p. 51)r

r r

r r B. Without Wing-Barsr r

- r Black line through eye; crown reddish-brown; tail forked—r <u>CHIPPING SPARROW</u>r (p. 61)r
- r Throat and head black; cheeks white—r <u>MOUNTAIN CHICKADEE</u>r (p. 39)r
- r Above grayish-brown, speckled; tail barred; rocky areas; bobs—r <u>ROCK WREN</u>r (p. 43)r
- r Above speckled, reddish-brown, brightest on tail; throat white; abdomen reddish-brown; billr curved—r <u>CANYON WREN</u>r (p. 44)r
- r Above brown; tail comparatively long, barred, rounded; tail feathers white-tipped; white liner over eye; slander, slightly curved bill—r <u>BEWICK'S WREN</u>r (p. 43)r
- r Above dark brown; tail very short, barred; bill short—r <u>WINTER WREN</u>r (p. 43)r

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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
              r Tiny, grayish-brown bird; inconspicuous white nape; short tail—r PYGMY
              NUTHATCHr (p. 41)r
              r Above bluish-gray; below reddish-brown—r RED-BREASTED
              NUTHATCHr (p. 41)r
       r r
r r
r r About Size of Junco (6 in.)r r
r r
       r r
       r Dusky line through eye; broad, buffy breast-band streaked narrowly with black; damp
       meadowsr —r LINCOLN'S SPARROWr (p. 62)r
       r Crown black, broken by three white bands; a white band on each side of head above eye—r
       WHITE-CROWNED SPARROWr (p. 61)r
       r Arrangement of bands similar to preceding but white replaced by grayish-brown and black
       byr rusty brown—r IMMATURE WHITE-CROWNED SPARROWr (p. 61)r
       r r
r r
r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
r r
       r r
       r Head dark brown with white streak over eye; orange line through crown; below pale
       orange;r white in wings and tail—r FEMALE BLACK-HEADED GROSBEAKr (p. 55)r
       r r
rrr
r r (8) BIRDS WITH COLLAR-BAND OR BREAST-PATCHr
r r
r r About size of Junco (6 in.)r r
r r
```

63)r

r r

r Dark spot on breast; tail held erect; above brown, streaked below—r SONG SPARROWr (p.

r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r

r r

r Two black breast-bands; above brown; below white—r KILLDEERr (p. 20)r

r r

r r About size of Brewer's Blackbird (10 in.)r r

r r

r Black collar; above slaty brown; orange stripe behind eye—r <u>VARIED THRUSH</u>r (p. 45)r

r r

r r Intermediate between Brewer's Blackbird (10 in.) and Crow (18 in.)r r

r r

- r Black crescent on breast; back and wings barred; below whitish with black spots; rump white—r RED-SHAFTED FLICKERr (p. 30)r
- r Breast band; crested; below white; above slaty blue—r <u>BELTED KINGFISHER</u>r (p. 29)r r Similar to preceding but an additional chestnut band across belly—r <u>FEMALE BELTED</u> KINGFISHERr (p. 29)r

rrrrrr

#### rr(9) BIRDS WITH EYE-RINGr

r r

r r Smaller than Junco (6 in.)r r

r r

- r Nervous twitching of wings; generally gray, above tinged with green; inconspicuous scarlet patch onr top of head; wing-bars—r <u>RUBY-CROWNED KINGLET</u>r (p. 47)r
- r Above gray; line from bill to eye-ring; wing-bars; below white—r <u>SOLITARY VIREO</u>r (p. 49)r
- r Top and sides of head slaty; faint, chestnut head-cap; above olive-green—r <u>NASHVILLE</u> <u>WARBLER</u>r (p. 50)r
- r Eyelids white; foreparts slaty; belly yellow—r MACGILLIVRAY'S WARBLER (p. 52)r

r r

r r About size of Junco (6 in.)r r

r r

r Above brown; wing-bars; breast yellowish—r HAMMOND'S FLYCATCHER (p. 34)r

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r r
r r Larger Than Junco (6 in.)r r
r r
       r Eye-ring huffy; breast speckled; above uniformly gray-brown; below whitish except buffy
       on breast—r SWAINSON'S THRUSHr (p. 47)r
       r Above gravish-brown; below pale orange—r <u>FEMALE ROBIN</u>r (p. 45)r
       r Breast spotted with black; back brown, speckled with whitish—r IMMATURE ROBIN (p.
       45)r
       r Narrow buffy bar running length of extended wing; generally gray; white on edge of outer
       tailr feathers—r TOWNSEND'S SOLITAIREr (p. 46)r
rrr
rr (10) BIRDS WITH FORKED TAILr
rrr
r r Smaller than Junco (6 in.)r r
r r
       r Black line through eye; crown reddish-brown—r CHIPPING SPARROWr (p. 61)r
       r Streaked above and below; yellow in wings and outspread tail—r PINE SISKINr (p. 57)r
r r
r r About size of Junco (6 in.)r r
r r
       r Above brown; dye-ring; under parts yellowish—r HAMMOND'S FLYCATCHERr (p. 34)r
       r Body generally reddish; wings and tail dusky; tips of bill crossed—r RED CROSSBILL r (p.
       57)r
       r Wings slender and pointed; above dark except white patches on rump; below white—r
       VIOLET-GREEN SWALLOWr (p. 37)r
       r Above greenish-blue; below white—r TREE SWALLOWr (p. 37)r
       r Above brown; chin, throat, and breast grayish-brown—r ROUGH-WINGED SWALLOWr
       (p. 37)r
r r
r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
r r
       r Above brownish-gray; white rump-tufts—r OLIVE-SIDED FLYCATCHERr (pp. 35, 36)r
       r Under parts dull yellow; generally grayish above; wing-bars—r IMMATURE WESTERN
       TANAGERr (p. 55)r
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Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
       r Generally brownish-black; throat and stripe along belly white; forages in air—r
       WHITE-THROATED SWIFTr (p. 27)r
       r Entirely blue, lighter beneath—r MOUNTAIN BLUEBIRDr (p. 46)r
       r Generally brownish; rump, tail, and wings bluish; below tending toward white—r FEMALE
       MOUNTAIN BLUEBIRDr (p. 46)r
r r About size of Brewer's Blackbird (10 in.)r r
       r Above mottled; white band midway between tip and bend in long, slender wings—r
       COMMON NIGHTHAWKr (p. 26)r
rrr
r r (11) BIRDS WITH CREST OR PLUMEr
r r About size of Junco (6 in.)r r
       r Indefinite crest; sits erect with tail on line with back; above grayish-brown; no eye-ring—r
       WOOD PEWEEr (p. 35)r
       r Above brownish-gray; eye-ring; whitish wing-bars; tail droops at rest—r HAMMOND'S
       FLYCATCHERr (p. 34)r
       r Crested; entirely gray—r PLAIN TITMOUSEr (p. 40)r
```

r r

r r

r r

r r

r r

r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r

r r

r Inconspicuous crest; head black; belly white; often jerks tail—r BLACK PHOEBEr (p. 34)r r Generally gray; lighter below; often sits high on coniferous stubs—r <u>OLIVE-SIDED</u> FLYCATCHERr (pp. 35, 36)r

r Suggestion of crest; under parts white; under side of tail rufous—r ASH-THROATED FLYCATCHERr (p. 33)r

r r

r r About Size of Brewer's Blackbird (10 in.)r r

r r

r Plume tipped forward—r CALIFORNIA QUAILr (p. 19)r

r Long, slender, erect plume; chestnut on face and sides; mountains—r MOUNTAIN QUAILr

```
rrr
r r (12) WOODPECKERS AND OTHER CLIMBERSr
r r
r r Smaller than Junco (6 in.)r r
r r
       r Long, curved bill; creeps upward on tree trunks—r BROWN CREEPERr (p. 41)r
       r White line over eye; top of head black; breast rusty—r RED-BREASTED NUTHATCHr (p.
       r Crown and nape black; sides of head white; creeps both up and down—r
       WHITE-BREASTED NUTHATCHr (p. 40)r
       r Above bluish-gray; black line through eye; tail very short—r PYGMY NUTHATCHr (p.
       41)r
r r
r r About size of Junco (6 in.)r r
r r
       r Broad white stripe down back; crown red; inconspicuous black bars on white outer tail
       feathers—r DOWNY WOODPECKERr (p. 33)r
r r
r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
r r
       r Head, neck, and breast crimson; white stripe along bend of wing—r YELLOW-BELLIED
       SAPSUCKERr (p. 31)r
       r Back barred black and white; crown and nape red, wanting in female—r NUTTALL'S
       WOODPECKERr (p. 32)r
       r Generally black; rump, wing-patch, belly, and about face white; crown red—r ACORN
       WOODPECKERr (p. 30)r
       r Generally black; head white—r WHITE-HEADED WOODPECKERr (p. 32)r
r r
r r Intermediate Between Brewer's Blackbird (10 in.) and Crow (18 in.)r r
r r
       r Black crescent on breast; white on rump; reddish-orange beneath wings—r RED-SHAFTER
       FLICKERr (p. 30)r
```

(p. 18)r

rrrrr

#### rr (13) BIRDS THAT HOLD THE TAIL ERECTr

```
r r
r r About size of Junco (6 in.) or smallerr r
r r
        r Beak curved; tending generally toward brown; active—r WRENSr (pp. 43, 44)r
        r Brownish on head; eye whitish; relatively long tail; below light gray—r BUSHTITr (p. 40)r
        r Below huffy; above brown; guttural, scolding note; relatively long tail—r WRENTITr (p.
        42)r
r r
r r Larger than Crow (18 in.)r r
r r
        r Tail relatively short; generally gray; chunky; wings short—r <u>BLUE GROUSE</u>r (p. 18)r
rrr
r r (14) BIRDS THAT BOB OR TEETERr
r r
r r About size of Junco (6 in.) or smallerr r
r r
        r Above dark brown; faint line over eye; tail very short—r WINTER WRENr (p. 43)r
        r Tail rich, rusty-brown; throat and breast white; bill slender, curved—r CANYON WRENr
        (p. 44)r
        r Above grayish-brown, speckled; tail barred; rocky areas—r ROCK WRENr (p. 43)r
r r
r r Intermediate Between Junco (6 in.) and Brewer's Blackbird (10 in.)r r
r r
        r Below white, dotted' with round, dusky spots; pebbly shores—r SPOTTED SANDPIPERr
        (p. 20)r
        r Body slate-gray; tail short; mountain streams—r <u>DIPPER</u>r (p. 42)r
rrr
```

#### rr (15) DUCKS AND DUCK-LIKE BIRDSr

r r

r These birds are frequently observed at a distance, making it difficult to estimate size; thusr they have been keyed out chiefly on the basis of the distribution of black, white, etc.r

r r

r GENERALLY BLACK OR WITH CONSPICUOUS BLACK OR DARK MARKINGSr t

r r

r r

r r A. GENERALLY BLACK (DARK)r r

r r

r r

r Flanks brownish-red; yellow "ear" tufts at sides of head; slender bill (12-14 in.)—r <u>EARED GREBE</u>r (pp. 6, 7)r

r White of bill contrasting with black of head; moves head back and forth when swimming (13-16 in.)—r <u>AMERICAN COOT</u>r (pp. 19, 20)r

r r

r r

r r B. NOT GENERALLY BLACK BUT WITH CONSPICUOUS BLACK (DARK) HEAD MARKINGSr r

r r

r r

r r a. Head Solid Black (Real Or Apparent)r r

r r

r White collar; breast chestnut; blue in wing (20-25 in.)—r <u>MALLARD</u>r (pp. 8, 9)r

r Breast pure white; back white with dark area down middle; bill broad at tip (17-21 in.)—r <u>SHOVELER</u>r (p. 10)r

r Bill blue; black head, neck, and upper breast; back whitish (15-16 in.)—r <u>SCAUP</u>r (p. 11)r

r Back and breast black; white mark in front of wing; bill bluish-gray with whitish band at baser and near tip (15-18 in.)—r <u>RING-NECKED DUCK</u>r (pp. 10, 11)r

r Long, slender, hooked, red bill; most of wings and under parts white; upper

```
Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
              back black (21-27r in.)—r COMMON MERGANSERr (p. 13)r
              r r
              r r b. With Black (Dark) Markings But Head Not Solid Blackr r
              r r
              r Head and neck black; white bib extending up on cheeks; large bird (23-42
              in.)—r CANADA GOOSEr (pp. 8, 9)r
              r Head dark brown (may appear black); long, slender neck; long, pointed
              central tail feathersr (26-30 in.)—r PINTAILr (p. 9)r
              r Crested; two narrow white lines on side of head; white bib (18-20 in.)—r
              WOOD DUCKr (pp. 10, 11)r
              r Black on throat; arching neck; narrow, snake-like head; expert diver; bill
              crossed by black bandr (12-15 in.)—r PIED-BILLED GREBEr (pp. 6, 7)r
              r Size small (7-8 in.); top of head and bar back of eye dusky; back streaked
              with black and whiter —r WINTER PLUMAGED ADULT or IMMATURE
              NORTHERN PHALAROPEr (p. 22)r
              r Size small (8-10 in.); top of head and bar back of eye dusky; upper parts
              ash-gray—r WINTER-PLUMAGED ADULT or IMMATURE WILSON'S
              PHALAROPEr (p. 21)r
              r r
       r r
r r GENERALLY WHITE OR WITH CONSPICUOUS WHITE (LIGHT) MARKINGSr r
       r r
       r r A. GENERALLY WHITE (LIGHT)r r
       r r
              r Primaries black; large bill with conspicuous yellow pouch, orange at base (5
              ft.)—r WHITE PELICANr (p. 6)r
       r r
```

r r B. NOT GENERALLY WHITE BUT WITH CONSPICUOUS WHITE ON HEADr r

r r

r r

rrr

r White bib extending up on cheeks; remainder of head and neck black; large bird (23-42 in.)—r CANADA GOOSEr (pp. 8, 9)r

r Broad white crown-patch; white flanks contrasting with black stern (18-22

r Two narrow white lines on side of head; white bib; upper breast reddish-brown (18-20 in.)—r <u>WOOD DUCK</u>r (pp. 10, 11)r r White cheeks; top of head' black; general rusty color (13-16 in.)—r <u>RUDDY DUCK</u>r (p. 12)r

r r

r r

r r BIRDS WITH CONSPICUOUS RUSTY, REDDISH-BROWN, OR CINNAMON MARKINGSr r

r r

r r

r r A. ENTIRE BIRD CHIEFLY RUSTY OR REDDISH-BROWNr r

r r

r Bill blue; cheeks white; top of head black; tail often held erect (13-16 in.)—r RUDDY DUCKr (p. 12)r

r Head and neck dark cinnamon; wings brown with large patch of blue (15-17 in.)—r <u>CINNAMON TEAL</u>r (p. 9)r

r r

r r B. NOT GENERALLY RUSTY; REDDISH-BROWN COLOR RESTRICTED TO HEAD, NECK, OR BOTHr r

r r

r Head and neck reddish-brown; back and sides apparently white; long sloping foreheadr (20-23 in.)—r <u>CANVASBACK</u>r (pp. 10, 11)r

r Crested; throat white; bill long, slender, hooked (21-27 in.)—r <u>FEMALE or IMMATURE COMMON MERGANSER</u>r (p. 13)r

r Size small (7-8 in.); whirling habit; head sooty; sides of neck rusty; eye-ring white—r <u>FEMALE NORTHERN PHALAROPE</u>r (p. 22)r

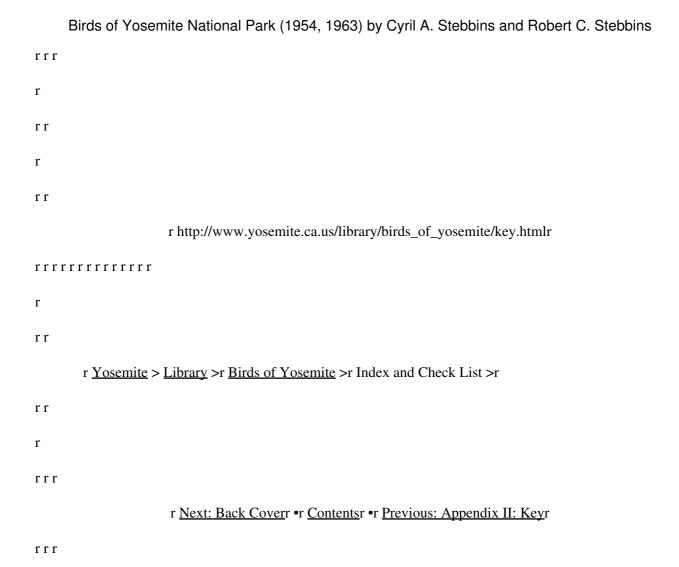
r Size small (8-10 in.); top of head and stripe down neck ash-gray; rich chestnut on lower neck;r whirling habit—r <u>FEMALE WILSON'S</u> <u>PHALAROPE</u>r (p. 21)r

rrr

r r r

r r

r Next: Check Listr •r Contentsr •r Previous: Appendix I: Characteristicsr



rrrr

rrrr

## INDEX AND CHECK LIST

rrr

r (Including summary of occurrence and distribution)r

r r

r The index provides a summary of status and life zone distribution of the birds of Yosemite. Ther <u>abbreviations for status</u>r are explained onr <u>page 1</u>,r while ther <u>abbreviations for life zones</u>r are the initials of the zonal names as explained onr <u>pages 4 and 5</u>.r Status is given first. Life zone range is of residentr birds or those spending the summer or winter in the region. Zonal range is not always stated forr casual visitants or transients because it often has little meaning with reference to occurrence inr Yosemite.r

r r

r A space is provided in front of each name to permit checking each species as it is identified. Inr this manner the reader may keep a "life list" for the Yosemite region and may add to it on subsequentr visits. Place a check mark in front of a name only if certain of your identification. Namesr not provided with a check space are synonyms. Numbers indicate pages in this booklet.r

r r

r (Common and scientific names in accord with the 1957 A.O.U. checklistr of North American birds. See <u>bird</u> <u>descriptionsr</u> for scientific names.)r

```
r

AVOCET, American—CV, 21r r

BLACKBIRD, Brewer's—SV; LS-C, 54r
Redwinged—SV; LS-T, 53, 54r
Yellow-headed—CV; LS-T, 53r
BLUEBIRD, Mountain—SV; T-H, 46r
Western—WV; US-T, 46r
BUFFLEHEAD—CV, 12r
BUNTING, Lazuli—SV; LS-T, 56r
BUSHTIT, Common—R; US, 40r r

CANVASBACK—CV, 10, 11r
```

```
CHAT, Yellow-breasted—CV; LS-T, 53r
    CHICKADEE, Mountain—R; T-H, 39r
        Chestnut-backed—CV; T. 63r
 ____ COOT, American—CV, 19, 20r
 CORMORANT, Double-crested—CV, 6,r
 COWBIRD, Brown-headed—CV; LS-T,r
 CREEPER, Brown—R; T-C, 41r
 ____ <u>CROSSBILL</u>, Red—R; C-H, 57r
 ____ <u>CROW</u>, Common—CV; LS-T, 39r
        Clark's (See Nutcracker)r r
r
    DIPPER—R; T-H, 42r
  DOVE, Mourning—CV, 23r
 ____ <u>DUCK</u>, Harlequin—CV, 12r
        Ring-necked—CV, 10, 11r
        Ruddy—CV, 12r
        Wood—CV, 10, 11r r
 EAGLE, Bald—R; LS-US, 15r
        Golden—R; US-T, 15r
  EGRET, Common—CV, 8r
        Snowy—CV, 8r r
  FALCON, Peregrine—CV, 16r
        Prairie—CV, 16r
____ <u>FINCH</u>, Cassin's—R; T-H, 56r
        Gray-crowned Rosy—R; H-A, 57r
        House—R LS-US, 57r
        Purple—CV; US-T, 56r
    FLICKER, Red-shafted—R; US-C, 30r
<u>FLYCATCHER</u>, Ash-throated—CV; LS-US, 33r
        Dusky—SV; C, 35r
        Gray—CV, 63r
        Hammond's—SV; C, 34r
        Kiskadee—63r
        Olive-sided—SV; T-C, 35, 36r
        Traill's—SV; LS-C, 34r
        Western—SV; US-T, 35r r
    GNATCATCHER, Blue-gray—SV; LS-US, 47r
  GOLDENEYE, Barrow's—CV, 11r
        Common—CV, 63r
 GOLDFINCH, American—CV, 63r
        Lawrence's—CV, 63r
        Lesser—CV; LS-T, 58r
    GOOSE, Canada—CV, 8, 9r
  GOSHAWK—R, 13r
 ____ <u>GREBE</u>, Eared—CV, 6, 7r
        Pied-billed—WV, 6, 7r
         Western—CV, 63r
    GROSBEAK, Black-headed—SV; LS-T, 55r
```

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Blue—CV; LS, 63r
        Evening—SV; T-C, 56r
        Pine,—R; C-H, 57r
 GROUSE, Blue—R; T-H, 18r
        Sage—CV, 18r
 ____ <u>GULL</u>, Bonaparte's—CV, 63r
        California—CV, 22r
        Herring—63r
        Ring-billed—CV, 22r r
____ HAWK, Cooper's—R; US-T, 14r
        Ferruginous—CV, 63r
        Marsh—CV; LS-C, 15r
        Pigeon—CV, 63r
        Red-tailed—R; LS-H, 14r
        Sharp-shinned—R; LS-T, 13r
        Sparrow—R; LS-H, 16r
        Swainson's—SV, 14r
HERON, Black-crowned Night— CV, 63r
        Great Blue—CV, 7r
        Green—CV, 8r
_____HUMMINGBIRD, Allen's—CV, 28r
        Anna's—R; US-T, 28r
        Black-chinned—SV; US-T, 28r
        Calliope—CV; T-C, 29r
        Rufous—M; T, 28r r
  JAEGER, Parasitic—CV, 63r
 JAY, Piñon—CV; US-T, 38r
        Scrub—R; US, 38r
        Steller's—R; T-C, 37, 38r
    JUNCO, Oregon—SV; T-H, 61r
        Slate-colored—CV, 60r r
    KILLDEER—SV, 20r
 KINGBIRD, Western—CV; LS-US, 33r
 KINGFISHER, Belted—R; LS-T, 29r
 KINGLET, Golden-crowned—SV; C-T, 47r
        Ruby-crowned—R and WV; C, 47r
    KITE, White-tailed—CV, 63r r r r
r
    LARK, Horned—CV; LS-US, 36r
  <u>LOON</u>, Arctic, CV, 63r r
    MAGPIE, Black-billed—CV; US-T, 39r
         Yellow-billed—CV; LS-US, 38r
    MALLARD—CV, 8, 9r
 ____ MARTIN, Purple—CV, 63r
 MEADOWLARK, Western—R; LS-T, 53r
    MERGANSER, Common—SV and CV, 13r
        Hooded—CV, 13r
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MOCKINGBIRD—R; LS-US, 44r r
r
   NIGHTHAWK, Common—SV; T-C, 26r
    NUTCRACKER, Clark's—R; C-H, 39r
   NUTHATCH, Pygmy—R; T-C, 41r
        Red-breasted—R; T-H, 41r
        White-breasted—R; US-H, 40r r
    ORIOLE, Bullock's—CV, 54r
    OSPREY—CV, 15r
  OUZEL (See <u>Dipper</u>)r
____OWL, Barn—CV, 63r
        Flammulated—CV, 63r
        Great Gray—R; C, 25r
        Great Horned—R; LS-H, 24r
        Long-eared—R; US-T, 25r
        Pygmy—R; T-C, 24r
        Saw-whet—R; T-C, 26r
        Screech—R; LS-T, 24r
        Short-eared—CV, 25r
        Spotted—R; T, 26r r
 PELICAN, White—M, 6r
 PEWEE, Western Wood—SV; US-H, 35r
 PHAINOPEPLA—R; LS-US, 48r
PHALAROPE, Northern—CV, 22r
        Red—CV, 63r
        Wilson's—CV, 21r
 PHOEBE, Black—SV; US, 34r
        Say's—CV; LS-US, 34r
  PIGEON, Band-tailed—SV; US-T, 23r
    PINTAIL—CV, 9r
 PIPIT, Water—WV, 48r
 POORWILL—SV; LS-T, 26, 27r r
r
   QUAIL, California—R; US-T, 19r
        Mountain—R; T-C, 18r r
 RAIL, Virginia—CV, 19r
   RAVEN, Common—C, 63r
 REDHEAD—CV, 63r
 ROADRUNNER—CV; LS-US, 23r
  <u>ROBIN</u>—SV; T-H, 45r r
    SANDPIPER, Baird's—CV, 63r
        Least—CV, 63r
        Solitary—CV, 63r
        Spotted—SV, 20r
 SAPSUCKER, Red-breasted—63r
        Yellow-bellied—WV or R; T-C, 31r
        Williamson's—R; C-H, 31r
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SCAUP, Lesser—CV, 11r
 SHOVELER—CV, 10r
 SHRIKE, Loggerhead—CV; LS-US, 49r
        Northern—CV, 63r
    SISKIN, Pine—R; T-H, 57r
 SNIPE, Common—CV, 21r
 SOLITAIRE, Townsend's—SV or R; T-H, 46r
____ <u>SORA</u>—CV, 63r
<u>SPARROW</u>, Brewer's—CV; US-T, 63r
        Chipping—SV; US-T, 61r
        Fox—SV and WV; US-C, 62r
        Golden-crowned—WV; US-C, 62r
        Harris'—CV, 63r
        House—CV, 53r
        Lark—CV; LS-US, 60r
        Lincoln's—SV; C, 62r
        Rufous-crowned—CV; US, 60r
        Sage—CV; US, 60r
        Savannah—CV; LS-T, 59r
        Song—R; LS-H, 63r
        Vesper—CV; US-C, 59r
        White-crowned—SV and WV; T-H, 61r
        White-throated—CV, 63r
STILT, Black-necked—CV, 63r
SWALLOW, Barn—CV, 63r
        Cliff—SV; LS-T, 37r
        Rough-winged—CV; LS-US, 36, 37r
        Tree—CV; US-T, 37r
        Violet-green—SV; US-T, 37r
    SWIFT, Black—SV; T, 27r
        Vaux's—CV, 27r
        White-throated—SV; LS-T, 27r r
    TANAGER, Western—SV; T-C, 55r
   TATTLER, Wandering—CV, 63r
 TEAL, Blue-winged—CV, 9r
        Cinnamon—CV, 9r
        Green-winged—CV, 9r
    THRASHER, California—R; LS-US, 44r
        Sage—CV, 44r
    THRUSH, Hermit—SV and WV; T-H, 45r
        Swainson's—SV; US-C, 47r
        Varied—WV; US-C, 45r
    TITMOUSE, Plain—R; US, 40r
    TOWHEE, Brown—CV; LS-T, 59r
        Green-tailed—SV; T-H, 58r
        Rufous-sided—R; US-T, 58r r
   VIREO, Hutton's—R; US-T, 49r
        Solitary—SV; US-C, 49r
        Warbling—SV; US-C, 50r
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VULTURE, Turkey—R; LS-H, 13r r
r
WARBLER, Audubon's—SV and WV; US-H, 51r
        Black-throated Gray—SV; US-T, 51r
        Hermit—SV; T-C, 51r
        MacGillivray's—SV; T-C, 52r
        Myrtle—CV, 63r
        Nashville—SV; T-C, 50r
        Orange-crowned—SV; US-C, 50r
        Townsend's—CV and T, 51r
        Wilson's—SV; US-C, 52r
        Yellow—SV; LS-T, 50r
    WAXWING, Bohemian—CV, 63r
        Cedar—WV and M, 48r
    WIDGEON, American—CV, 10r
____ <u>WILLET</u>—CV, 63r
WOODPECKER, Acorn—R; US-T, 30r
        Black-backed Three-toed—R; C-H, 33r
        Downy—R; US-T, 33r
        Hairy—R; US-C, 32r
        Lewis'—R; US-T, 30r
        Nuttall's—CV; US, 32r
        Pileated—R; T-C, 29r
        Red-headed—63r
        White-headed—R; T-C, 32r
 <u>WREN</u>, Bewick's—R; US, 42,43r
        Canyon—R; LS-T, 44r
        House—SV; US-T, 43r
        Long-billed Marsh—WV; LS-T, 43r
        Rock—R and SV; LS-H, 43r
        Winter—R and WV; T-C, 43r
    WRENTIT—R; US-T, 42r r
    YELLOWLEGS, Lesser—63r
    YELLOWTHROAT—CV; LS-US, 52r
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r r <u>r</u>

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### **ABBREVIATIONS FOR LIFE ZONES**

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r (See pages 4 and 5 for discussion)r

r r

r L.S. — Lower Sonoran (example: Fresno)r

r U.S. Upper Sonoran (example: El Portal, Arch Rock)r

r T. — Transition (example: Yosemite Valley)r

r C. — Canadian (example: Glacier Point)r

r H. — Hudsonian (example: Dana Meadows)r

r A. — Arctic Alpine (example: Mount Lyell)r

rrr

r r

# ABBREVIATIONS FOR STATUS

rr

r (See page 1 for discussion)r

r

r R. — Residentr

r W.V. — Winter Visitantr

r S.V. — Summer Visitantr

r C.V. — Casual Visitantr

r M. — Migrantr

r r

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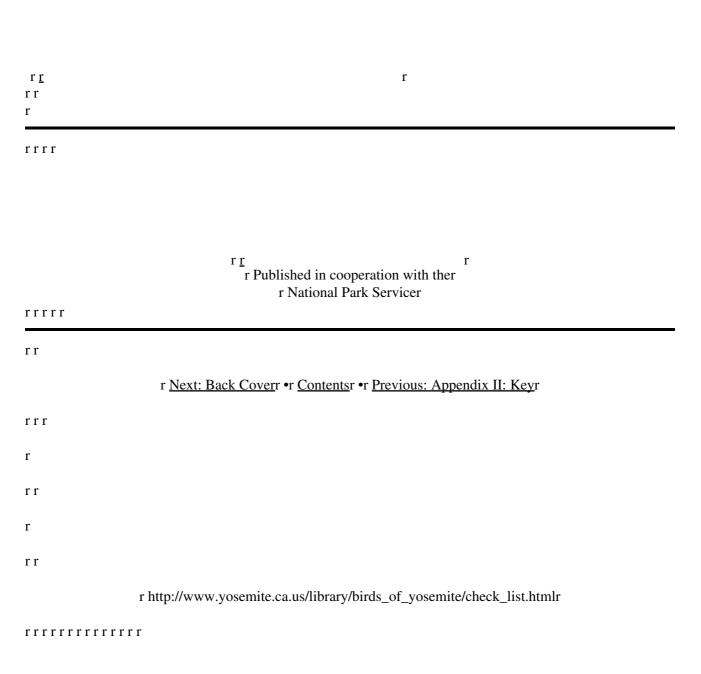
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# Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins

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### **Back Cover**

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r <u>r</u> r [Mirror Lake, Yosemite Valley]r

r r

r to a person uninstructed in natural history,r
r his country or seaside stroll is a walkr
r through a gallery filled with wonderful works of art,r
r nine tenths of which have their faces turned to the wall.r

r r

r — Thomas Henry Huxleyr

r r

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r r <u>Cover: watercolor of Male Western Tanager</u>r r (by Bob Stebbins)r r

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♦ Vireos, Family Vireonidae
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♦ Weaver Finches, Family Ploceidae
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♦ Tanagers, Family Thraupidae
                     ♦ Finches, Sparrows, etc., Familyr Fringillidae
               rr
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      • Species Recorded in the Yosemite Region But of Infrequent Occurrence
      • Sources of Information
      • Appendix I: Family Characteristics of Birds
      • Appendix II: Key to the Yosemite Birds
      • Index and Check List
      • Back Cover
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# **About the Authors**

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r <u>r</u> Bob Stebbins, 1951r
r (MVZ, UCB)r r
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r Cyril Adelbert Stebbins was born June 20, 1878 in Harrisville, Wisconsin.r He married Louise Beck.r He was Instructor with ther Department of Agricultural Education at University of California.r His interests were agriculture,r particularly elementary school gardens for teaching,r and birds.r He died Feb. 26, 1953 in Los Angeles, California.r

r r

r Robert C. "Bob" (Robert Cyril) Stebbins,r son of Cyril Stebbins, was born in Chino, California October 25, 1915.r He grew up in Los Angeles and became interested in Salamanders whiler wandering the foothills of the area.r He married Anna-rose Cooper June 8, 1941 and had 1 son and 2 daughters.r He received his AB, MA, and Ph.D. from UCLA (1940, 1942, and 1943).r His original interest was in birds, with his father.r He served as a Ranger Naturalist at Lassen Volcanic National Parkr in 1941 and 1942.r He joined the Museum of Vertebrate Zoology (MVZ), University of Californiar in 1944, where he became Curator and Professor.r Bob became a Guggenheim Fellow in 1949.r He produced two films for the Sierra Club in the 1960s:r *Nature Next Door* and *No Room for Wilderness*?r

r r

r Bob is a leading expert in herpetology, particularly salamanders.r His special interest is in the ecological and behavioral significance of ther pineal gland and the parietal eye in reptiles.r He also has an interest in landscape and wildlife painting.r He retired in 1978 as Professor Emeritus, and is still active inr herpetology fieldwork.r He wrote over a dozen books, including various Peterson field guides,r and over 70 scientific papers.r Two Salamanders are named in his honor,r *Ambystoma mavortiumv stebbinsi* r andr *Batrachoseps stebbinsi*. r Bob feels that "education is the only way to solve environmental andr population problems"r (quote from *Zoology* 131 (UC Press, 2003)).r He lived in Kensington, California, just north of Berkeley,r and in retirement, Gardena, California.r Dr. Stebbins died Dec. 18, 2000.r

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• For more information seer Louis Sahagun, "Robert Stebbins; Art and Science Illuminate a Naturalist's Path," Los Angeles *Times* April 4, 2005, p. B-2.r

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	Birds of Yosemite National Park (1954, 1963) by Cyril A. Stebbins and Robert C. Stebbins
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# **Bibliographical Information**

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r Cyril A. (Cyril Adelbert) Stebbins (1878-1953)r andr Robert C. (Robert Cyril) Stebbins (1915-2000),r *Birds of Yosemite National Park*. (1963).r Illustrated by Robert C. Stebbins.r 76+4 pp. Illustrated with 142 black & white drawings.r 24 cm.r First published in *Yosemite Nature Notes* 33(8) (August 1954).r Revised 1963.r Paper wrapper illustrated with a watercolor.r Saddle stitched.r California State Library call number: QL684.C2 S8.r

r

r Although not credited, two illustrations, on ther <u>title page</u>r and <u>p. 79</u>, r appear to be by Jane J. Gyer.r The shading and prespective reflect her style.r Jane Gyer illustrated the cover for the revised 1974 edition of *Birds of Yosemite*.r

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r Digitized by Dan Anderson, April 2005,r from a personal copy.r These files may be used for any non-commercial purpose,r provided this notice is left intact.r

r —Dan Anderson, <u>www.vosemite.ca.us</u>r

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