

Title

Stephens et al 2019. Landbird focal species. Ecological Applications. aknw-2019-001-Bird.

Description

Bird species abundance from avian point counts at six National Park units in southern Oregon and northern California collected by Klamath Bird Observatory in partnership with the National Park Service Klamath Network from 2008-2016.

This dataset was used in the analyses for the following publication: Stephens, J. L., E. C. Dinger, and J. D. Alexander. Established and empirically derived landbird focal species lists correlate with vegetation and avian metrics. *Ecological Applications*. 2019.

Author(s)

Jaime L. Stephens
Klamath Bird Observatory
PO Box 758, Ashland, OR 97520
jlh@klamathbird.org

Eric C. Dinger
National Park Service, Klamath Network
1250 Siskiyou Blvd, Ashland, Oregon, USA 97520
eric_dinger@nps.gov

John D. Alexander
Klamath Bird Observatory
PO Box 758, Ashland, OR 97520
jda@klamathbird.org

File list

aknw-2019-001-Birds

Metadata

Field Definitions:

Unique_ID: Alphanumeric code for a point count survey. The first four digits are a two letter code for park (CR = Crater Lake National Park, LB = Lava Beds National Monument, LV = Lassen Volcanic National Park, OR = Oregon Cave National Monument and Preserve, RW = Redwood National and State Parks, WH = Whiskeytown National Recreation Area) and a two digit numeric code for bird survey routes, followed by a two digit numeric code for the survey point, and then year of survey.

All other fields are four letter avian species codes denoting bird taxa.

Common Name	Scientific Name	Species Code
Acorn Woodpecker	Melanerpes formicivorus	ACWO
Allen's Hummingbird	Selasphorus sasin	ALHU
American Dipper	Cinclus mexicanus	AMDI
American Goldfinch	Carduelis tristis	AMGO
American Robin	Turdus migratorius	AMRO
Anna's Hummingbird	Calypte anna	ANHU
Ash-throated Flycatcher	Myiarchus cinerascens	ATFL
American Three-toed Woodpecker	Picoides tridactylus	ATTW
Audubon's Warbler	Dendroica c. auduboni	AUWA
Barn Swallow	Hirundo rustica	BARS
Black-backed Woodpecker	Picoides arcticus	BBWO
Black-capped Chickadee	Poecile atricapilla	BCCH
Black-chinned Hummingbird	Archilocus alexandri	BCHU
Bewick's Wren	Thryomanes bewickii	BEWR
Blue-gray Gnatcatcher	Poliophtila caerulea	BGGN
Brown-headed Cowbird	Molothrus ater	BHCO
Black-headed Grosbeak	Pheucticus melanocephalus	BHGR
Black Phoebe	Sayornis nigricans	BLPH
Brewer's Blackbird	Euphagus cyanocephalus	BRBL
Brown Creeper	Certhia americana	BRCR
Brewer's Sparrow	Spizella breweri	BRSP
Black-throated Sparrow	Amphispiza bilineata	BTSP
Black-throated Gray Warbler	Dendroica nigrescens	BTYW
Bullock's Oriole	Icterus bullockii	BUOR
Bushtit	Psaltiriparus minimus	BUSH

Common Name	Scientific Name	Species Code
Cassin's Finch	<i>Carpodacus cassinii</i>	CAFI
Calliope Hummingbird	<i>Stellula calliope</i>	CAHU
California Towhee	<i>Pipilo crissalis</i>	CALT
Canyon Wren	<i>Catherpes mexicanus</i>	CANW
California Thrasher	<i>Toxostoma redivivum</i>	CATH
Cassin's Vireo	<i>Vireo cassinii</i>	CAVI
Chestnut-backed Chickadee	<i>Poecile rufescens</i>	CBCH
Cedar Waxwing	<i>Bombycilla cedrorum</i>	CEDW
Chipping Sparrow	<i>Spizella passerina</i>	CHSP
Clark's Nutcracker	<i>Nucifraga columbiana</i>	CLNU
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	CLSW
Dark-eyed Junco	<i>Junco hyemalis</i>	DEJU
Downy Woodpecker	<i>Picoides pubescens</i>	DOWO
Dusky Flycatcher	<i>Empidonax oberholseri</i>	DUFL
European Starling	<i>Sturnus vulgaris</i>	EUST
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	EVGR
Fox Sparrow	<i>Passerella iliaca</i>	FOSP
Golden-crowned Kinglet	<i>Regulus satrapa</i>	GCKI
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	GCSP
Gray Jay	<i>Perisoreus canadensis</i>	GRAJ
Gray Flycatcher	<i>Empidonax wrightii</i>	GRFL
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	GRSP
Green-tailed Towhee	<i>Pipilo chlorurus</i>	GTTO
Hammond's Flycatcher	<i>Empidonax hammondii</i>	HAFL
Hairy Woodpecker	<i>Picoides villosus</i>	HAWO
Hermit Thrush	<i>Catharus guttatus</i>	HETH
Hermit Warbler	<i>Dendroica occidentalis</i>	HEWA
House Finch	<i>Carpodacus mexicanus</i>	HOFI
Horned Lark	<i>Eremophila alpestris</i>	HOLA
House Wren	<i>Troglodytes aedon</i>	HOWR
Hutton's Vireo	<i>Vireo huttoni</i>	HUVI
Killdeer	<i>Charadrius vociferus</i>	KILL
Lark Sparrow	<i>Chondestes grammacus</i>	LASP
Lazuli Bunting	<i>Passerina amoena</i>	LAZB
Lesser Goldfinch	<i>Carduelis psaltria</i>	LEGO
Lincoln's Sparrow	<i>Melospiza lincolnii</i>	LISP
Loggerhead Shrike	<i>Lanius ludovicianus</i>	LOSH
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	MGWA
Mountain Bluebird	<i>Sialia currucoides</i>	MOBL
Mountain Chickadee	<i>Poecile gambeli</i>	MOCH
Mourning Dove	<i>Zenaida macroura</i>	MODO
Nashville Warbler	<i>Vermivora ruficapilla</i>	NAWA

Common Name	Scientific Name	Species Code
Northern Flicker	<i>Colaptes auratus</i>	NOFL
Northern Mockingbird	<i>Mimus polyglottos</i>	NOMO
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	NRWS
Nuttall's Woodpecker	<i>Picoides nuttallii</i>	NUWO
Orange-crowned Warbler	<i>Vermivora celata</i>	OCWA
Unidentified Oak/Juniper Titmouse	<i>Baeolophus</i> sp.	OJTI
Olive-sided Flycatcher	<i>Contopus cooperi</i>	OSFL
Pacific Wren	<i>Troglodytes pacificus</i>	PAWR
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	PIJA
Pine Siskin	<i>Carduelis pinus</i>	PISI
Pileated Woodpecker	<i>Dryocopus pileatus</i>	PIWO
Purple Finch	<i>Carpodacus purpureus</i>	PUFI
Purple Martin	<i>Progne subis</i>	PUMA
Pygmy Nuthatch	<i>Sitta pygmaea</i>	PYNU
Red-breasted Nuthatch	<i>Sitta canadensis</i>	RBNU
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>	RBSA
Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	RCSP
Red Crossbill	<i>Loxia curvirostra</i>	RECR
Rock Wren	<i>Salpinctes obsoletus</i>	ROWR
Rufous Hummingbird	<i>Selasphorus rufus</i>	RUHU
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL
Say's Phoebe	<i>Sayornis saya</i>	SAPH
Sage Thrasher	<i>Oreoscoptes montanus</i>	SATH
Savannah Sparrow	<i>Passerculus sandwichensis</i>	SAVS
Song Sparrow	<i>Melospiza melodia</i>	SOSP
Spotted Sandpiper	<i>Actitis macularia</i>	SPSA
Spotted Towhee	<i>Pipilo maculatus</i>	SPTO
Steller's Jay	<i>Cyanocitta stelleri</i>	STJA
Swainson's Thrush	<i>Catharus ustulatus</i>	SWTH
Townsend's Solitaire	<i>Myadestes townsendi</i>	TOSO
Townsend's Warbler	<i>Dendroica townsendi</i>	TOWA
Tree Swallow	<i>Tachycineta bicolor</i>	TRES
Varied Thrush	<i>Ixoreus naevius</i>	VATH
Vesper Sparrow	<i>Poocetes gramineus</i>	VESP
Violet-green Swallow	<i>Tachycineta thalassina</i>	VGSW
Warbling Vireo	<i>Vireo gilvus</i>	WAVI
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	WCSP
Western Bluebird	<i>Sialia mexicana</i>	WEBL
Western Flycatcher	<i>Empidonax</i> (sp)	WEFL
Western Kingbird	<i>Tyrannus verticalis</i>	WEKI
Western Meadowlark	<i>Sturnella neglecta</i>	WEME

Common Name	Scientific Name	Species Code
Western Scrub-Jay	Aphelocoma californica	WESJ
Western Tanager	Piranga ludoviciana	WETA
Western Wood-Pewee	Contopus sordidulus	WEWP
White-headed Woodpecker	Picoides albolarvatus	WHWO
Williamson's Sapsucker	Sphyrapicus thyroideus	WISA
Wilson's Warbler	Wilsonia pusilla	WIWA
Wrentit	Chamaea fasciata	WREN
Yellow-breasted Chat	Icteria virens	YBCH
Yellow Warbler	Dendroica petechia	YWAR

The metric for each Bird species at each Unique_ID is abundance: Number of individuals of Bird species detected within 75 m during the point count survey.
