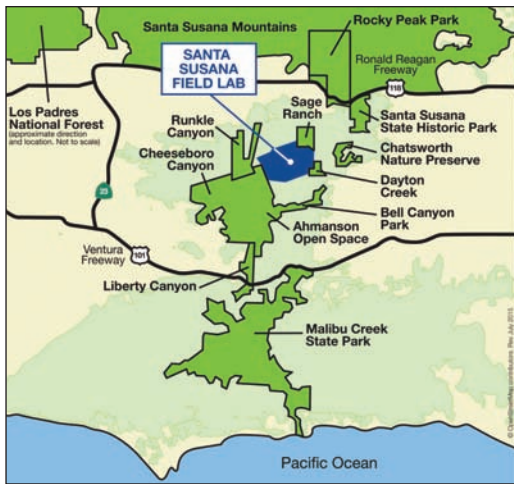


MAP



The Santa Susana Field Laboratory is a former federal government rocket engine testing and energy research facility in Southern California. The site sits in the middle of a critical wildlife linkage connecting inland Sierra Madre Mountains to the Santa Monica Mountains to the Pacific Coast. It is home to endangered plant species and abundant wildlife; deer, bobcats, coyotes, cougars and raptors roam wild.

A number of organizations are involved in on-site biological studies; the San Fernando Valley Audubon Society performs bird banding and owl surveys, the Southwestern Herpetologist Society studies reptiles and amphibians and the Pollinator Partnership researches pollinator populations.

As a result of high-technology testing and research, chemicals seeped into the soil and groundwater. Boeing is committed to a comprehensive and protective cleanup that protects the ecosystem and preserves the site as open space for future generations.



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Canoga Park, CA 91304
www.boeing.com/santasusana

Prepared by The Boeing Company, with assistance from Chris Dunn, Padre Associates, Inc. and Mark Osokow, San Fernando Valley Audubon Society. Taxonomic references come from National Geographic's Field Guide to the Birds of North America.

Most illustrations show the adult male in breeding coloration. Colors and markings may be duller or absent during different seasons. The measurements denote the length of species from bill to tail tip. Illustrations are not to scale.

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A POCKET NATURALIST® GUIDE

BIRDS AT THE SANTA SUSANA FIELD LABORATORY

A Folding Pocket Guide to Observed Species

BIRDS AT THE SANTA SUSANA FIELD LABORATORY – A Folding Pocket Guide to Observed Species



WATERBIRDS & NEARSHORE BIRDS



Eared Grebe
Podiceps nigricollis To 14 in. (35 cm)
Note black neck and golden ear tufts.



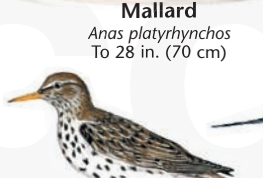
Pied-billed Grebe
Podilymbus podiceps To 13 in. (33 cm)
Note banded white bill.



Mallard
Anas platyrhynchos To 28 in. (70 cm)



American Coot
Fulica americana To 16 in. (40 cm)



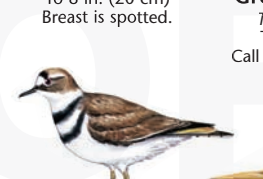
Spotted Sandpiper
Actitis macularia To 8 in. (20 cm)
Breast is spotted.



Greater Yellowlegs
Tringa melanoleuca To 15 in. (38 cm)
Call is a 3-5 note whistle.



Wilson's Snipe
Gallinago delicata To 12 in. (30 cm)



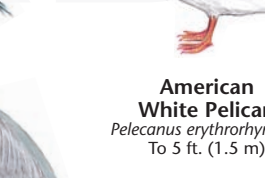
Killdeer
Charadrius vociferus To 12 in. (30 cm)
Note two breast bands.



American White Pelican
Pelecanus erythrorhynchos To 5 ft. (1.5 m)



Great Blue Heron
Ardea herodias To 4.5 ft. (1.4 m)



Green Heron
Butorides virescens To 22 in. (55 cm)



Black-crowned Night-Heron
Nycticorax nycticorax To 28 in. (70 cm)

WATERBIRDS & NEARSHORE BIRDS



Snowy Egret
Egretta thula To 26 in. (65 cm)
Note black bill and yellow feet.



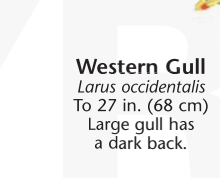
Double-crested Cormorant
Phalacrocorax auritus To 3 ft. (90 cm)
Note orange-yellow throat patch.



Great Egret
Ardea alba To 38 in. (95 cm)
Note yellow bill and black feet.



Western Gull
Larus occidentalis To 27 in. (68 cm)
Large gull has a dark back.



Rock Pigeon
Columba livia To 13 in. (33 cm)



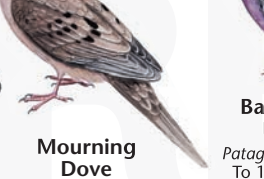
Mourning Dove
Zenaida macroura To 13 in. (33 cm)
Call is a mournful – oah-woo-woo-woo.



Band-tailed Pigeon
Patagioenas fasciata To 15 in. (38 cm)
Note white crescent on nape.



Costa's Hummingbird
Calypte costae To 3.5 in. (9 cm)



Anna's Hummingbird
Calypte anna To 4 in. (10 cm)
Note red throat and crown.



Rufous Hummingbird
Selasphorus rufus To 3.5 in. (9 cm)



Black-chinned Hummingbird
Archilochus alexandri To 3.5 in. (9 cm)



Allen's Hummingbird
Selasphorus sasin To 3.5 in. (9 cm)

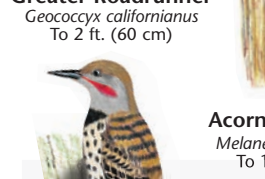
DOVES, WOODPECKERS, ETC.



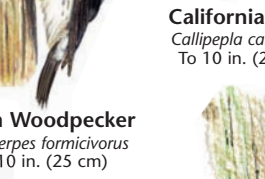
Greater Roadrunner
Geococcyx californianus To 2 ft. (60 cm)



California Quail
Callipepla californica To 10 in. (25 cm)



Acorn Woodpecker
Melanerpes formicivorus To 10 in. (25 cm)



Red-shafted Flicker
Colaptes auratus To 13 in. (33 cm)
Wing and tail linings are red.



Nuttall's Woodpecker
Picoides nuttallii To 8 in. (20 cm)



Red-breasted Sapsucker
Sphyrapicus ruber To 9 in. (23 cm)
Drills holes in trees and feeds on the sap and insects that collect there.



Common Poorwill
Phalaenoptilus nuttallii To 8 in. (20 cm)
Name-saying song is a whistled – poorwill.



Vaux's Swift
Chaetura vauxi To 5 in. (13 cm)
Appears to beat wings alternately in flight.



White-throated Swift
Aeronautes saxatalis To 7 in. (18 cm)
Note thin pointed wings and white throat.

BIRDS OF PREY



Turkey Vulture
Cathartes aura To 32 in. (80 cm)
Note red head and two-toned underwings.



Osprey
Pandion haliaetus To 2 ft. (60 cm)
Fish-eating raptor.

BIRDS OF PREY



Red-tailed Hawk
Buteo jamaicensis To 25 in. (63 cm)



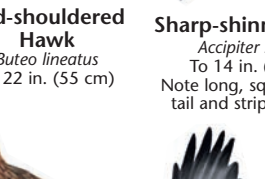
Red-shouldered Hawk
Buteo lineatus To 22 in. (55 cm)



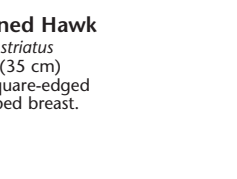
Sharp-shinned Hawk
Accipiter striatus To 14 in. (35 cm)
Note long, square-edged tail and striped breast.



Cooper's Hawk
Accipiter cooperii To 20 in. (50 cm)
Note long, rounded white-tipped tail.



Golden Eagle
Aquila chrysaetos To 40 in. (1 m)



Northern Harrier
Circus cyaneus To 22 in. (55 cm)
Note white rump and V-shaped flight profile.



American Kestrel
Falco sparverius To 12 in. (30 cm)



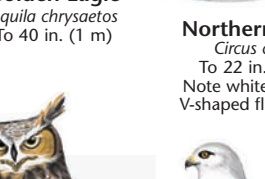
Great Horned Owl
Bubo virginianus To 25 in. (63 cm)
Call is a resonant – hoo-oo-oo, hoo-oo.



White-tailed Kite
Elanus leucurus To 16 in. (40 cm)



Western Screech-Owl
Megascops kennicottii To 9 in. (23 cm)
Call is a series of whistles.



Barn Owl
Tyto alba To 20 in. (50 cm)
Note heart-shaped face. Call is a purring shriek.

PERCHING BIRDS



Pacific-slope Flycatcher
Empidonax difficilis
To 6 in. (15 cm)
Note white eye ring.

Olive-sided Flycatcher
Contopus borealis
To 8 in. (20 cm)
Note white stripe down center of breast.

Willow Flycatcher
Empidonax traillii
To 6 in. (15 cm)



Ash-throated Flycatcher
Myiarchus cinerascens
To 8 in. (20 cm)

Gray Flycatcher
Empidonax wrightii
To 6 in. (15 cm)

Say's Phoebe
Sayornis saya
To 8 in. (20 cm)



Western Wood-Pewee
Contopus sordidulus
To 7 in. (18 cm)
Note two narrow white wing bars.

Western Kingbird
Tyrannus verticalis
To 8 in. (20 cm)
Note yellowish belly and square-tipped tail.

Cassin's Kingbird
Tyrannus vociferans
To 9 in. (23 cm)
Note white chin.



Black Phoebe
Sayornis nigricans
To 7 in. (18 cm)

Loggerhead Shrike
Lanius ludovicianus
To 9 in. (23 cm)
Note hooked bill and black mask.

Violet-green Swallow
Tachycineta thalassina
To 6 in. (15 cm)

Northern Rough-winged Swallow
Stelgidopteryx serripennis
To 6 in. (15 cm)
Note dusky throat.

PERCHING BIRDS



Cliff Swallow
Hirundo pyrrhonota
To 6 in. (15 cm)
Tail is square-edged.

Bushtit
Psaltiriparus minimus
To 4 in. (10 cm)

Barn Swallow
Hirundo rustica
To 8 in. (20 cm)
Note deeply forked tail.



White-breasted Nuthatch
Sitta carolinensis
To 6 in. (15 cm)

House Wren
Troglodytes aedon
To 5 in. (13 cm)

Red-breasted Nuthatch
Sitta canadensis
To 4.5 in. (11 cm)



Canyon Wren
Catherpes mexicanus
To 6 in. (15 cm)

Rock Wren
Salpinctes obsoletus
To 6 in. (15 cm)

Bewick's Wren
Thryomanes bewickii
To 6 in. (15 cm)
Note white 'eyebrow'.



Yellow-headed Blackbird
Xanthocephalus xanthocephalus
To 11 in. (28 cm)

Oak Titmouse
Parus inornatus
To 6 in. (15 cm)
Note head crest.

Red-winged Blackbird
Agelaius phoeniceus
To 9 in. (23 cm)



Common Raven
Corvus corax
To 27 in. (68 cm)
Call is a hoarse croak.

Western Scrub-Jay
Aphelocoma californica
To 13 in. (33 cm)

PERCHING BIRDS



American Crow
Corvus brachyrhynchos
To 22 in. (55 cm)
Call is a distinct – caw.

Western Meadowlark
Sturnella neglecta
To 9 in. (23 cm)

Brown-headed Cowbird
Molothrus ater
To 7 in. (18 cm)



Hooded Oriole
Icterus cucullatus
To 8 in. (20 cm)

Bullock's Oriole
Icterus bullockii
To 8 in. (20 cm)

Hermit Thrush
Catharus guttatus
To 7 in. (18 cm)
Note rusty tail and spotted breast.



Cedar Waxwing
Bombicilla cedrorum
To 7 in. (18 cm)
Red wing marks look like waxy droplets.

Western Bluebird
Sialia mexicana
To 7 in. (18 cm)

Swainson's Thrush
Catharus ustulatus
To 7 in. (18 cm)



Wrentit
Chamaea fasciata
To 7 in. (18 cm)
Call is accelerating – pit-pit-pit-tr-r-r-r-r-r-r-r.

Northern Mockingbird
Mimus polyglottos
To 11 in. (28 cm)

Phainopepla
Phainopepla nitens
To 8 in. (20 cm)



Eurasian Starling
Sturnus vulgaris
To 8 in. (20 cm)

PERCHING BIRDS



Warbling Vireo
Vireo gilvus
To 5 in. (13 cm)
Note light breast and eye stripe.

Ruby-crowned Kinglet
Regulus calendula
To 4 in. (10 cm)

Hutton's Vireo
Vireo huttoni
To 5 in. (13 cm)
Note white wing bars.



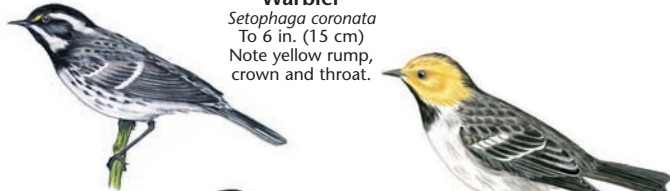
American Robin
Turdus migratorius
To 11 in. (28 cm)

Blue-grey Gnatcatcher
Poliptila caerulea
To 4.5 in. (11 cm)



California Thrasher
Toxostoma redivivum
To 12 in. (30 cm)

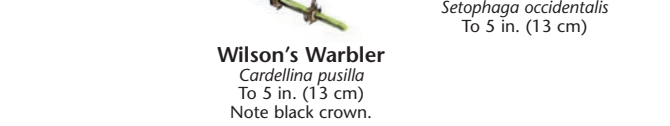
Yellow Warbler
Setophaga petechia
To 5 in. (13 cm)



Orange-crowned Warbler
Oreothlypis celata
To 6 in. (15 cm)

Yellow-rumped Warbler
Setophaga coronata
To 6 in. (15 cm)
Note yellow rump, crown and throat.

Black-throated Grey Warbler
Setophaga nigrescens
To 5 in. (13 cm)



Wilson's Warbler
Cardellina pusilla
To 5 in. (13 cm)
Note black crown.

Hermit Warbler
Setophaga occidentalis
To 5 in. (13 cm)

PERCHING BIRDS



Townsend's Warbler
Setophaga townsendi
To 5 in. (13 cm)
Dark cheek patch is outlined in yellow.

Chipping Sparrow
Spizella passerina
To 5 in. (13 cm)
Note chestnut cap.

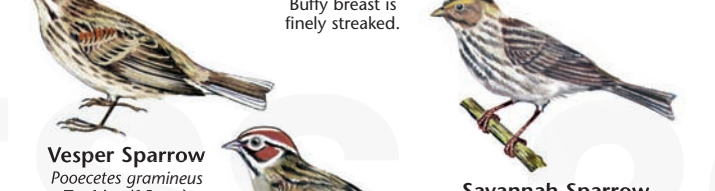
Common Yellowthroat
Geothlypis trichas
To 5 in. (13 cm)



Bell's Sparrow
Amphispiza belli
To 6 in. (15 cm)
Note dark spot on white belly.

Lincoln's Sparrow
Melospiza lincolni
To 6 in. (15 cm)
Note greyish eyebrow. Buffy breast is finely streaked.

Rufous-crowned Sparrow
Aimophila ruficeps
To 6 in. (15 cm)
Note reddish cap and black whisker mark.



Vesper Sparrow
Pooecetes gramineus
To 6 in. (15 cm)
Note white eye ring and white outer tail feathers.

Savannah Sparrow
Passerculus sandwichensis
To 6 in. (15 cm)
Note yellowish eyebrow.



Lark Sparrow
Chondestes grammacus
To 7 in. (18 cm)

Golden-crowned Sparrow
Zonotrichia atricapilla
To 7 in. (18 cm)

Song Sparrow
Melospiza melodia
To 7 in. (18 cm)
Note central breast spot.



White-crowned Sparrow
Zonotrichia leucophrys
To 8 in. (20 cm)
White crown is bordered by black stripes.

Fox Sparrow
Passerella iliaca
To 8 in. (20 cm)
Breast is heavily streaked.

PERCHING BIRDS



White-throated Sparrow
Zonotrichia albicollis
To 7 in. (18 cm)
Note white throat and yellow spot in front of eye.

American Pipit
Anthus rubescens
To 7 in. (18 cm)
Frequently wags its white-edged tail while walking.

Spotted Towhee
Pipilo maculatus
To 9 in. (23 cm)
Cheerful song is – drink-your-tea or drink-tea.



California Towhee
Melospiza crissalis
To 10 in. (25 cm)

Black-headed Grosbeak
Pheucticus melanocephalus
To 8 in. (20 cm)

Blue Grosbeak
Passerina caerulea
To 8 in. (20 cm)



Dark-eyed Junco
Junco hyemalis
To 7 in. (18 cm)

House Finch
Carpodacus mexicana
To 6 in. (15 cm)

American Goldfinch
Spinus tristis
To 5 in. (13 cm)



Lesser Goldfinch
Spinus psaltria
To 4.5 in. (11 cm)

Orange Bishop
Euplectes franciscanus
To 4 in. (10 cm)

Lawrence's Goldfinch
Spinus lawrencei
To 4.5 in. (11 cm)



Lazuli Bunting
Passerina amoena
To 6 in. (15 cm)

Western Tanager
Piranga ludoviciana
To 7 in. (18 cm)