



Questions??

Need more information or to get involved?
Email: bryanto@tracyaviary.org



Northern Pygmy-Owl
Albion Basin



Rufous Hummingbird
Grizzly Gulch



Pika
Cecret Lake



Primrose
Grizzly Gulch



Steller Jay
Albion Basin

All photos credit: Bryant Olsen



Colliope Hummingbird
Grizzly Gulch

When?

We envision this bird monitoring effort to be long-term. We set up the program in the summer of 2014, and used 2015 to train citizen science volunteers and begin the 3-year formal survey baseline. The bulk of the surveys are conducted between June and July for breeding birds. The corresponding vegetation surveys are conducted July to August, during peak vegetation growth in Alta.

To assist with the on-going component of this project we have monthly non-breeding bird surveys with hiking in the summer and skiing in the winter! If you are interested in joining the next survey please contact us!

Aug-Nov: Friends of Alta, info@friendsofalta.com
Dec-Apr: Alta Environmental Center, environment@alta.com

Who?

All the bird surveys are led by staff and volunteers trained by Tracy Aviary's Citizen Science Project. The vegetation survey component of this study is led by the Alta Environmental Center and partner staff.

What?

Create a baseline of bird species present in Alta to understand species present at different habitat types, if there are shared habitats; as well as species of particular importance, and their habitat preference.

Share results with the community of Alta, other interested citizens, and the scientific community.



Why?

Many stakeholders are committed to the conservation of Alta's ecosystem and recreation. Tracy Aviary with support of Alta Ski Area, Friends of Alta, and Bird Conservancy of the Rockies (BCOR), is leading the bird monitoring study, to aid in a larger collaborative effort initiated in 2013 by Alta Ski Area and Friends of Alta to assess the current health of Alta's ecosystem.

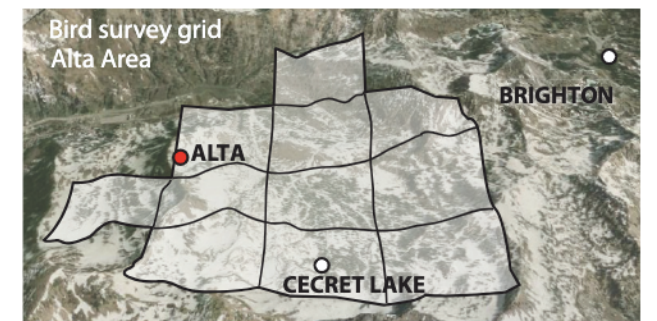
White-breasted nuthatch
Albion Basin
Campground



Mountain Bluebird
Grizzly Gulch

How & Where??

We utilized the Integrated Monitoring in Bird Conservation Regions (IMBCR) model from BCOR to create 11 grids with 16 points each, which are the survey points for the program. The design ensures that all sites and habitats are equally represented and will be suitable for research in other fields.



BIRDS OF ALTA a collaborative citizen science program

Compiled by: Bryant Olsen - updated August 2018

The Rosy-finch identification photos are sourced from audubon.org

code key:

R = year-round resident M = migrant V = vagrant

S = summer W = winter ? = unverified status

* = Likely breeds in the area ~ = ssp.

WATERFOWL

☐ Canada Goose

M

PELICANS

☐ American White Pelican

M,S

EAGLES & HAWKS

☐ Cooper's Hawk

M

☐ Ferruginous Hawk

M

☐ Golden Eagle

R*

☐ Northern Goshawk

R?

☐ Northern Harrier

M

☐ Red-tailed Hawk

R*

☐ Sharp-shinned Hawk

R*

☐ Turkey Vulture

M

FALCONS

☐ American Kestrel

M

☐ Peregrine Falcon

S?

☐ Prairie Falcon

M

NIGHTJARS

☐ Common Poorwill

S*

OWLS

☐ Great Horned Owl

R*

☐ Long-eared owl

S?

☐ Northern Pygmy-Owl

R*

GROUSE

☐ Dusky Grouse

R*

JAYS & CROWS

☐ Black-billed Magpie

W

☐ Clark's Nutcracker

R*

☐ Common Raven

R*

☐ Steller's Jay

R*

☐ Woodhouse's Scrub Jay

R*

PIPITS

☐ American Pipit

S*

DIPPERS

☐ American Dipper

R*

KINGLETS

☐ Golden-crowned Kinglet

R*

☐ Ruby-crowned Kinglet

S*

WOODPECKERS

☐ American Three-toed Woodpecker

R?

☐ Downy Woodpecker

R*

☐ Hairy Woodpecker

R*

☐ Lewis's Woodpecker

M

☐ Northern Flicker

R*

☐ Red-naped Sapsucker

S*

☐ Red-breasted Sapsucker

V

☐ Williamson's Sapsucker

M,S?

FLYCATCHERS

☐ Cordilleran Flycatcher

S*

☐ Dusky Flycatcher

S*

☐ Eastern Kingbird

M

☐ Gray Flycatcher

M

☐ Hammond's Flycatcher

M

☐ Olive-sided Flycatcher

S*

☐ Western Wood Pewee

S*

WAXWINGS

☐ Cedar Waxwing

W

SWALLOWS

☐ Cliff Swallow

S*

☐ Northern Rough-winged Swallow

M

☐ Purple Martin

M

☐ Tree Swallow

S

☐ Violet-green Swallow

S*

CHICKADEES

☐ Black-capped Chickadee

W

☐ Mountain Chickadee

R*

NUTHATCHES & CREEPERS

☐ Brown Creeper

R*

☐ Red-breasted Nuthatch

R*

☐ White-breasted Nuthatch

R*

WRENS

☐ House Wren

M,S*

☐ Rock Wren

M,S*

VIREOS

☐ Plumbeous Vireo

S?

☐ Warbling Vireo

S*

NEW WORLD BLACKBIRDS

☐ Brewer's Blackbird

☐ Brown-headed Cowbird

☐ Red-winged Blackbird

☐ Yellow-headed Blackbird

THRUSHES

☐ American Robin

☐ Hermit Thrush

☐ Swainson's Thrush

☐ Townsend's Solitaire

☐ Mountain Bluebird

☐ Western Bluebird

WARBLERS

☐ MacGillivray's Warbler

☐ Nashville Warbler

☐ Orange-crowned Warbler

☐ Townsend's Warbler

☐ Virginia's Warbler

☐ Wilson's Warbler

☐ Yellow-rumped Warbler

☐ Yellow Warbler

SPARROWS & ALLIES

☐ Brewer's Sparrow

☐ Chipping Sparrow

☐ Fox Sparrow

☐ Golden-crowned Sparrow

☐ Green-tailed Towhee

☐ Lincoln's Sparrow

☐ Song Sparrow

☐ Vesper Sparrow

☐ White-crowned Sparrow

☐ White-throated Sparrow

☐ Cassiar Junco

☐ Dark-eyed Junco

☐ Gray-headed Junco

☐ Oregon Junco

☐ Pink-sided Junco

☐ Slate-colored Junco

SWIFTS

☐ White-throated Swift

S

PIGEONS AND DOVES

☐ Mourning Dove

W

☐ Rock Pigeon

M

FINCHES

☐ American Goldfinch

R*

☐ Lesser Goldfinch

S*

☐ Common Redpoll

S*

☐ Black Rosy-Finch

S*

☐ Brown-capped Rosy-Finch

V

☐ Coastal Gray-crowned Rosy-Finch

W

☐ Gray-crowned Rosy-Finch

W

☐ Interior Gray-crowned Rosy-Finch

S*

☐ Evening Grosbeak

M

☐ Pine Grosbeak

S*

☐ House Finch

M

☐ Cassin's Finch

R*

☐ Pine Siskin

M,S*

☐ Red Crossbill

S*

☐ White-winged Crossbill

R?

HUMMINGBIRDS

☐ Black-chinned Hummingbird

S*

☐ Broad-tailed Hummingbird

S*

☐ Calliope Hummingbird

S*

☐ Calliope X Broad-tailed (hybrid)

V

☐ Rufous Hummingbird

S*

GROSBEAKS, BUNTINGS & TANAGERS

☐ Black-headed Grosbeak

S?

☐ Lazuli Bunting

M

☐ Western Tanager

S*

SANDPIPERS

☐ Spotted Sandpiper

W

R*

S*

W

W,S?

W



Black



Gray-crowned

