



The mission of the Sandia Mountain Natural History Center is to work within New Mexico communities to develop an ecologically literate citizenry.

Background

- Site owned by Albuquerque Public Schools
- Programming run by New Mexico Museum of Natural History and Science
- Established in 1967
- Museum involvement started in 1993

Facility

- 128 Acres
- 8 miles of trail
- 6 buildings
- 10 outdoor classrooms
- Rebuilt in 2018-19
- main buildings off grid
- photovoltaic electricity & hydronic heat



Staff

7 Paid Staff

- 4 State employees
- 3 APS
- 12 Volunteers



Ecology Field Program

- 15,000 people a year
- 4.5 hours
- Intro, hike, lunch, activity, wrap up
- Mostly 5th grade
- Standards based



Outreach

State wide

Funded by State Parks

Over 3,000 taught last year

Taught in Wild areas near school



A young girl with dark hair, wearing a pink floral-patterned shirt, is focused on a book of insects. She is pointing at a large illustration of a beetle. The book is open on a table, and another book titled "Animals Eating" is visible underneath. To the left of the books is a white animal skull with sharp teeth. On the table, there are also two large, smooth rocks, a box of crayons, and some papers. In the background, other people are visible, including a woman in a yellow shirt and a woman in a blue skirt. The setting appears to be an outdoor or semi-outdoor public program area.

Public Programs
Serve about 1,000 a year
Only days SMNHC open to public

Why does Environmental Education matter?



Studies have shown outdoor education programs:

- Improve classroom behavior
- Help control the symptoms of ADHD
- Increase test scores
- Increase student motivation to learn
- Lowers incidences of childhood obesity & diabetes
- Fosters a sense of stewardship



Current & Past Research/Science at SMNHC

- Camera Traps
- Burn area monitoring
- Hair Snare survey
- Bio Blitz/ City Nature Challenge
- Bear Collar
- Collections
- Weather

Camera Traps





MOULTRIE 23.33 inHg - 48°F 07/10/2022 01:40AM PARADISE



MOULTRIE 44°F MUD WEST 06 MAY 2022 05:37 am



MOULTRIE 68°F MUD WEST 23 MAY 2022 03:28 pm



MOULTRIE 23.31 inHg - 91°F 08/02/2022 05:24PM BIRD BLIND

Forest Health

- Dendrochronology
- Tree Banding
- Burn area monitoring



Banding



Burn Area Monitoring



Weather



Albuquerque Public Scho... | new mexico state histor... | Learning Resources > Nev... | Sandia Mountain Natural | X

www.wunderground.com/personal-weather-station/dashboard?ID=KNMCEDAR8#history

Apps | Bleeding Green Nat... | DCA Today = The Of... | Facebook Sandia M... | Oracle | PeopleSoft... | LIS Blog | Larry Brown S... | Albuquerque Public... | Sandia Mountain N... | Pandora Radio - List... | Other bookmarks

WEATHER UNDERGROUND | Maps & Radar | Severe Weather | News & Blogs | Photos & Video | Activities | More

Search Locations

Recent Cities
Cedar Crest, NM

(📍) Sandia Mountain Natural History Center KNMCEDAR8 [About this PWS](#) | [Report](#)

Forecast for Cedar Crest, NM > 35.125 -106.379 > 6555 ft

PWS Data | PWS Widgets | WunderStation

Status: By-the-minute weather updates from right here at the SMNHC.
PWS viewed 30 times since January 1, 2016

Radar | Webcam | Icon

Current Conditions Station reported 44 seconds ago

36.3 °F
Feels Like 36.3 °F

1.0 mph
Wind from WSW
Gusts 10.0 mph

Dew Point: 17 °F
Humidity: 44%
Precip Rate: 0 in/hr
Precip Accum: 0.04 in
Pressure: 30.38 in

UV: 3 ●●●●●
Solar: --
Soil Moisture: --
Soil Temp: --
Leaf Wetness: --

7:14 AM ☀️ 5:12 PM 🌙
● Waxing Crescent | 4% Illuminated

Social Security Sucks
palmbeachgroup.com
Born before 1969? You can get an extra \$4,098 monthly with this

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Order A Free 2 Week Sample Today!

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80% Stock Market Crash to Strike in 2016, Economist Warns.

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2:38 PM
1/11/2016

greenhouse gases and the resulting temperature changes are caused by human actions, mostly the burning of fossil fuels.

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Scat & Hair Collection/DNA Testing

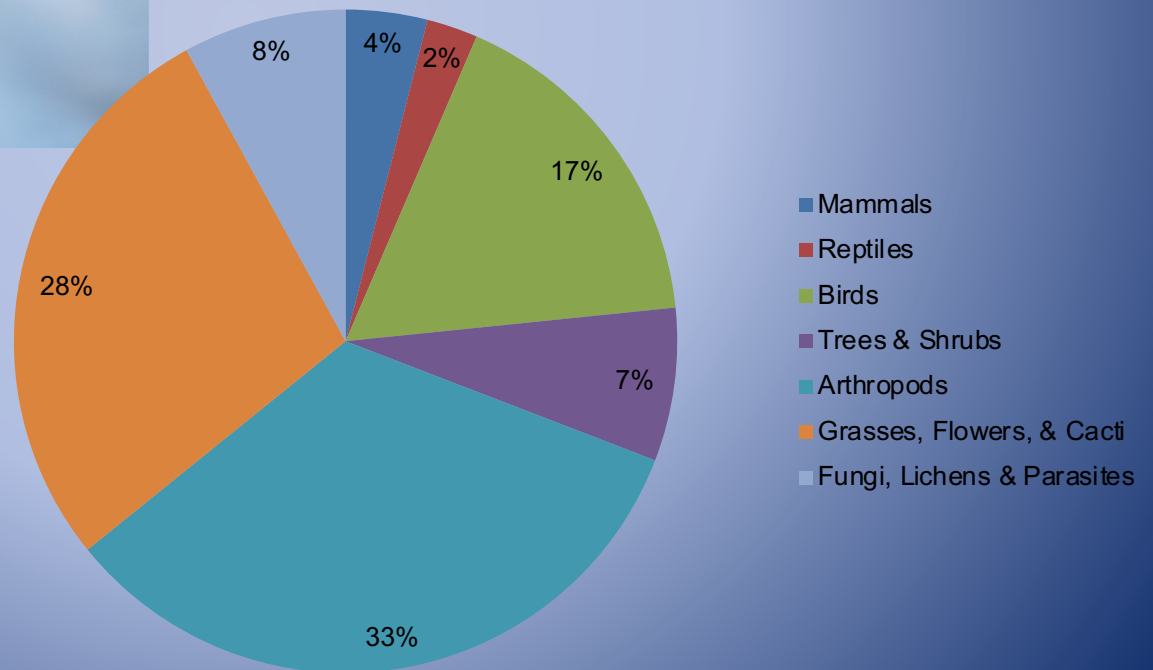




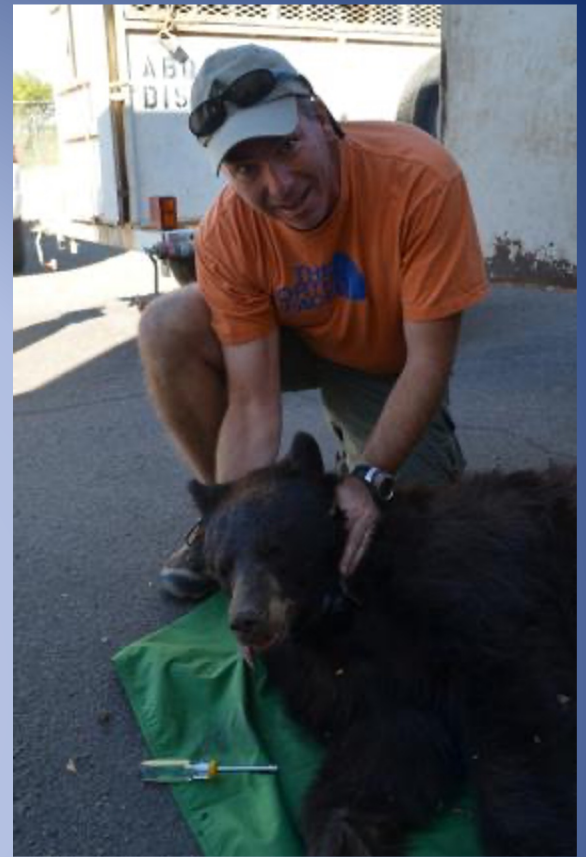
Bio Blitz/ City Nature Challenge



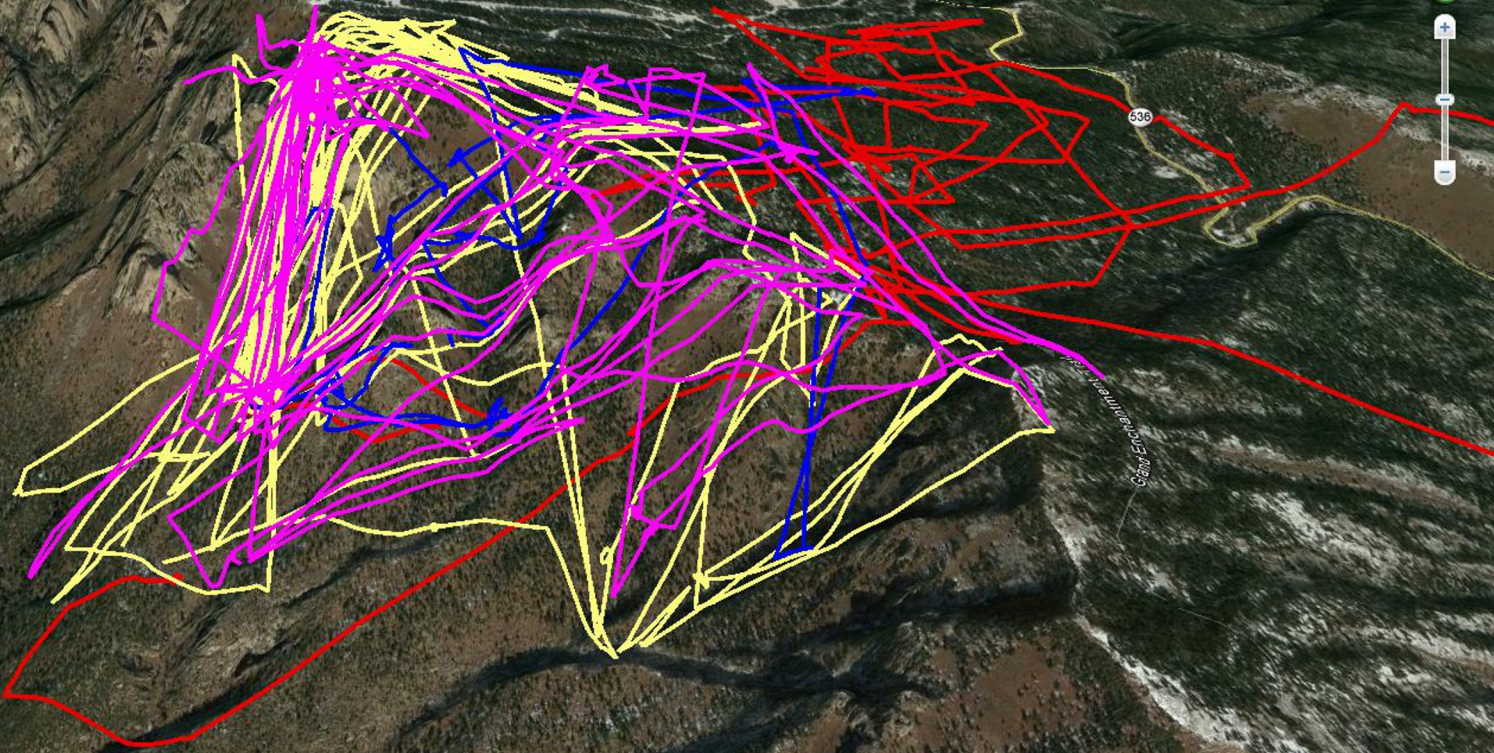
Species by Taxa - SMNHC 8/2012



Bear Collar



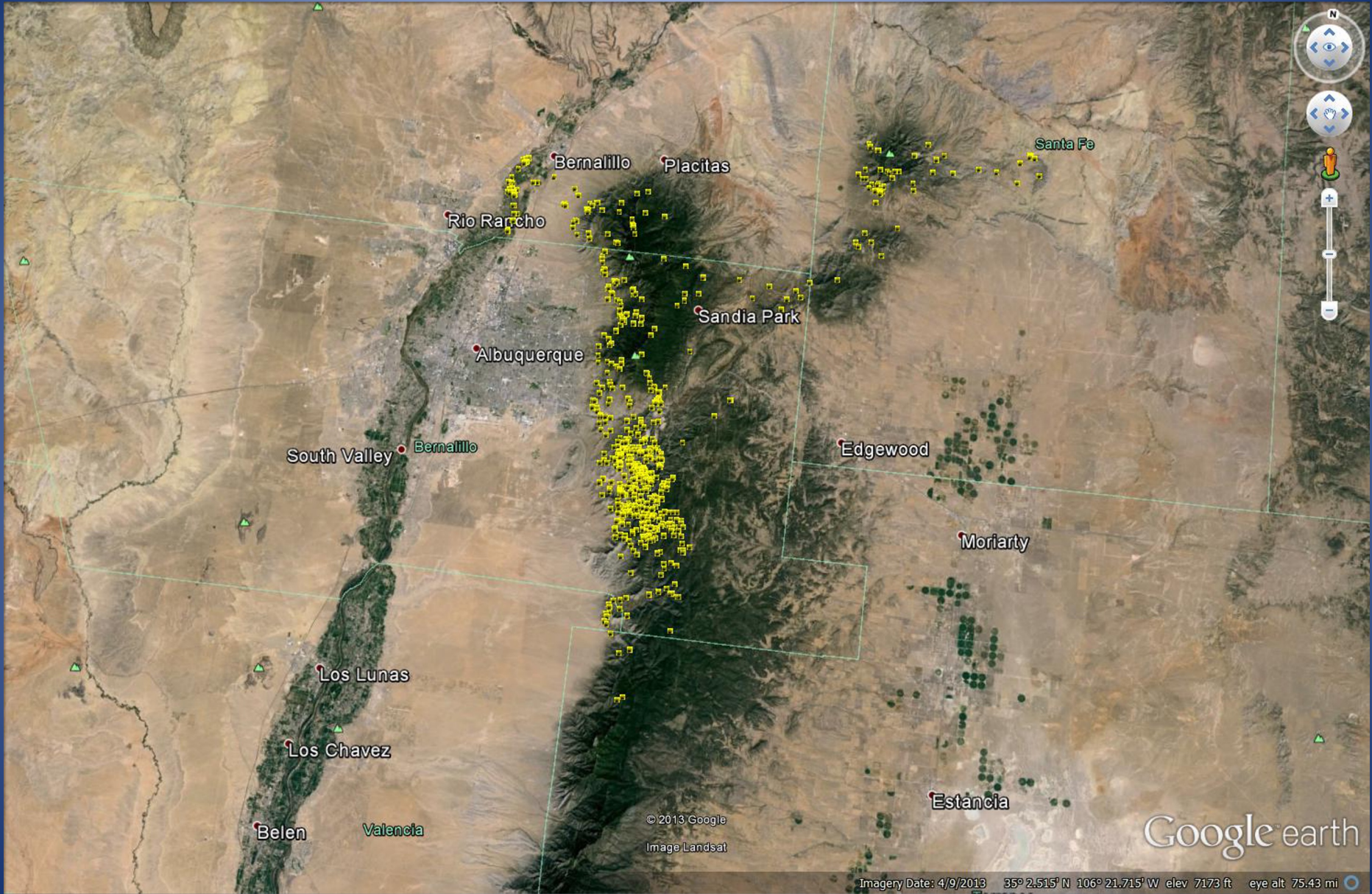
12/2/1999



© 2013 Google

Google earth

Imagery Date: 1/17/2013 35° 11.064' N 106° 25.526' W elev 8978 ft eye alt 15850 ft



© 2013 Google
Image Landsat

Imagery Date: 4/9/2013 35° 2.515' N 106° 21.715' W elev 7173 ft eye alt 75.43 mi

Google earth

Collections/Museum







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