



A Publication of Pomona Valley Audubon Society

www.pomonavalleyaudubon.org

# CITIZEN SCIENCE OPPORTUNITY ---PVAS MEMBERS: SUBURBAN RAPTOR SURVEY

Much of our area is now covered by suburbs and several hawks and owls, which need open fields for hunting, have disappeared. However, three species still occur regularly in suburban areas. Great horned owls and Barn owls now hunt rats in our suburbs while Cooper's hawks hunt for their sparrow and dove prey at our bird feeders. We would like to have more knowledge about how these and any other hawk or owl species that we can find are doing. Are they most common near the foothills? Are their populations stable, rising or declining? How many are there? All

three species are non-migratory, as far as we know, and should be present in our area year round.

The next few months are the beginning of nesting season for these birds so it is a good time for surveying these species. Here is what we would like you to do.

Cooper's hawk. If you see a hawk attacking birds at your bird feeder or in your yard, let

us know the location. Cooper's hawks are aggressive and try to scare humans away from their nests. One nested several years ago in the Eucalyptus trees near the Claremont railroad station parking lot and often dove at commuters.



**Great horned owl.** This is the hooting owl (hoo whoo hohoo) with both males and females calling. If you hear these owls in our area at night, tell us where.

**Barn owls.** These owls do not hoo but rather make a hissing noise. So named because of their nesting in barns, our local barn owls regularly roost and nest in the untrimmed skirts of palm trees and occasionally in attic crawl spaces. One way of locating them is to look for rat bones under untrimmed palm trees or in hay barns. ....If you find bones, let us know the location for our education committee's owl pellet collecting project.

We hope to learn, with your help, more about the local populations of these species. Contact me by phone (909 239 5124) or email (<u>dguthrie@jsd.claremont.edu</u>) with any information on these species.

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# **PVAS Chapter News**



We extend a warm welcome to all new members. Subscribers to Audubon Magazine from our area are automatically enrolled in our chapter and receive the Chaparral Naturalist at no additional charge. You are welcome to all our events.

Baldwin Park: Tao Chu, Cecilia Escovedo

Chino: Gretchen Hillman, Harry C. Lord III, Elaine Vargas Chino Hills: Jennifer McDermott, Luis Montes, Craig Wert

## Ed Babcock will be Acting President

for the remainder the current term as Neil Gilbert is moving out of our PVAS area. Contact Ed at ed.babcock@icloud.com

Claremont: Christine Blair, Elizabeth Carroll, Barbara Dev, Patricia Gough, Coleen Kimball, Pamela Moriarty, Austen Nelson, Pornpat Nikamanon, Mary Ogden, Alexander Pei, Christopher Rubel, Sheryn Scott, Alison Stendahl, Roberta Stephens Corona: Catherine Amoss, B.E. Boyne, Nancy Crue, Marsha Heidbrink, Sylvia Lopez, Sam Rammaha,

Katie Teltoe

Covina: Katzi Kayser, Rachel Nattiv, William Weaver

Glendora: Marlene Clink, Jerlyn Mask

Jern pers NEL Der Mander La Verne: Deborah Felix, Janice Garnett, Gail Holladay, Jody Hurst, Dolores Luque, Cynthia Neustice, **Betty Weaver, Susan Wright** 

Mira Loma: Margaret Laney

Norco: Susie Pike, George Shira

Ontario: Blanca Aguirre, Pola Bouton, Andrea Povala, Frank Uballez, Tillie Vlaan

Pomona: John Avila, Charles Buchanan, Grace Elias, Barbara Kittell, Pamela Martin, David Tran, Bobby Walsh, Emilie Wong Rancho Cucamonga: Misty Duttenhefer, John Gonzales, Lee Merritt

San Dimas: Betty Bogar, John Robert Bottala, Carol Hobson, Paula Olds

Upland: Sandra Almeida, Clyde Buckelew, Diane Hawley, Jay Jones, Ron Kostich, Cherril Land, Charlotte Munger,

John Pherson, Gabrielle Richardson, Dick & Signa Schwartz, Karim Sheikley, Marc Weller

Walnut: Krista von Stetten, Hester Taliaferro

West Covina: Arline Boston, Linda Harrison, Lynne Nagel, David Robertson

## **PVAS IS (finally) GOING PAPERLESS**

This will be the last paper newsletter mailed to all our members. The newsletter continues to be available on our website at pomonavalleyaudubon.org and can be delivered via email by providing your email address to Suzanne Thompson (sthompson@pomona.edu (We have your email if you already receive email notifications from PVAS.) For those without computer access, a printed copy can be sent by mail if requested by sending your mailing address to Suzanne Thompson, PVAS, 2058 N. Mills Ave. #426, Claremont, CA 91711.

## **National Audubon and Pomona Valley Audubon Chapter Membership**

We invite you to become a member of the National Audubon Society and the Pomona Valley Audubon Society chapter. Members receive the monthly Audubon magazine and our local PVAS Chaparral Naturalist newsletter (bi-monthly by e-mail). A one year NEW MEMBERSHIP or a RENEWAL is \$20 for an individual or family.

#### JOIN or RENEW either online or by mail

1. ONLINE at the Pomona Valley Audubon Society (PVAS) website: <u>www.pomonavalleyaudubon.org</u>. Click on "Membership" at the top of the page and link to the National Audubon membership page. With a donation of \$20 or more, you will automatically become a member of both National Audubon AND Pomona Valley Audubon Society.

2. BY MAIL, use the form below and send it (with your check made out to NATIONAL AUDUBON SOCIETY) to National Audubon Society, 225 Varick Street, 7th Floor, New York, NY 10014. Attn: Chance Muehleck. Please put chapter code C08 on check.

Note that you also have the option to join ONLY our local Audubon chapter (PVAS) and NOT National Audubon with \$20 donation for a one year individual or family membership. Fill in the form below and send it (with your check made out to POMONA VALLEY AUDUBON SOCIETY) directly to: PVAS, 2058 N. Mills, PMB426, Claremont CA, 91711.

Name	Chapter Code CO8
Address	Telephone
City, State, Zip	
Email	$\Box$ I would like the print version of the Chaparall Naturalist

## The Pomona Valley Audubon Christmas Bird Count was held on Saturday, December 19 this year.

# The PVAS 2015 CHRISTMAS COUNT Account

A beautiful day ---but cool--- and no rain till after 5 p.m. With a good turnout, 50 birders in 18 groups found about 150 species.

We could not find Loggerhead shrike and White-tailed kite. Three high mountain species; Cassin's finch, Pacific wren and White-Headed woodpecker, were also missed. Making up for this were the surprises: three species of parrot, two munias and some good wintering and vagrant species, including White-throated and Clay-colored sparrow, Plumbeous vireo, Varied thrush, Lewis woodpecker and Thick-billed kingbird.

Totally unexpected was an Summer tanager which flew into a window the day after our count. It was picked up alive by one of our members, photographed for documentation and subsequently released. The bird was still feeding contentedly in the backyard berry bush an hour later.



The surprize Summer Tananger recovering from his window collision on Count Saturday.



YES, that is Neil Gilbert with two of his Count team scanning Baldy Canyon.

#### Neil Gilbert is Moving to the Desert

One of our most valuable members and voted Flock Leader not long ago, **Neil Gilbert**, will soon be feeding quail near Kingman, Arizona, where is daughter is living. Neil was our valued treasurer for a very many years and recently has been PVAS President, keeping our chqpter on an even keel. Among other tasks, Neil has organized our annual Christms Census and dealt with all the financial issues connected with our Village Venture booth, meeting places, and state and national organization forms and dues. Neil's valuable comments at our board meetings and great personality on field trips, including the monthly Botanic Garden walks which he regularly helped lead, will be sorely missed.

## Help Bring The Messenger to Claremont!

#### Can we reserve enough tickets to get a showing at the Laemmle's Claremont 5 on February 11 at 7:30 p.m.?

The Messenger explores our deep-seated connection to birds and warns that the uncertain fate of songbirds might mirror our own. Moving from the northern reaches of the Boreal Forest to the base of Mount Ararat in Turkey to the urban streets of New York, The Messenger brings us face-to-face with a remarkable variety of human-made perils that have devastated thrushes, warblers, orioles, tanagers, grosbeaks and many other airborne music-makers.

Unlike a traditional movie showing, this screening requires that at least 73 tickets be reserved before February 4 in order for the screening to occur. We're going to need your help if we're going to make this event happen!

#### To reserve your tickets, please visit

#### www.tugg.com/events/82481

Thanks for your support!

## Rancho Santa Ana Botanic Garden Family Bird Fest Sunday, February 14, 2016 10:00 a.m. - 3:00 p.m.

Bring family and friends to spend a fun-filled day at the annual Family Bird Fest. Migratory and resident birds find respite and refuge at Rancho Santa Ana Botanic Garden. Observe and understand these amazing flying, feathered animals and appreciate the importance of healthy bird populations in the environment. Guests can attempt the "Migration Challenge," an engaging game following the arduous journey many bird species take each year. Many other activities information and craft stations will be available along garden paths.

Join experienced birdwatchers posted at observation stations and participate in the annual "Great Backyard Bird Count." This bird count is a valuable international citizen-science project. Family Bird Fest counts will be submitted to the Ornithology Department at Cornell University to help create a real-time global snapshot of the migration patterns and populations of birds.

Family Bird Fest is included with Garden admission and free for Garden Members. For event information and admission tickets, please visit <u>www.rsabg.org</u>

#### PVAS Editor's Introduction: Thought you might like one of our projects---

# **Chino Creek Park Tree Swallow Box Report**

**2015** Tree Swallow, *Tachycineta bicolor*, nest boxes have been installed on poles located in the native plantings near the ponds and wetlands in Chino Creek Park. The presence of these working boxes provides an interpretive learning tool for the tours of the wetlands.

PVAS member Hank Feilen monitored the nesting success of these small migratory songbirds seen across wetlands in northern North America. They naturally nest in small tree cavities but will also make use of bird boxes when there are not enough natural cavities in an area of high food resourses. It is estimated tht adults and chicks consume hundreds of thousands of insects during breeding season. On average, Tree Sallows will have clutches that range from 5-7 eggs. This makes them an effective biological control for pest populations. When breeding season is over Tree Swallows will gather in large flocks to migrate and roost together.

#### Prepared By: Cyndi Chavez, OCWD Background By: Jill Commoniso, SAWA Data Collected By: Henry Feilen, Pomona Valley Audubon

Boxes	Total Boxes Used	Total Nests	Second Nests	Successful Nests	Fledged
Original	23	19	6	18	65
New	5	4	1	4	12
Total	28	23	7	22	77

The only species observed and documented using the boxes were Tree Swallows, *Tachycineta bicolor*. 16 of the 28 boxes were occupied and had successful fledgling (57% utilization). This was a decrease to that seen in 2014 (74% utilization). However, 77 confirmed fledglings were documented which was an increase from last year. This may be due to the fact that there were 7 boxes which had two successful broods during the season. This was also an increase from last year, in 2014 there were only 2 boxes with second clutches.

The first nest was recorded on 3/25 with the first eggs present by the beginning of April, 4/1. Eggs continued to be recorded through the beginning of May. The first eggs that hatched were on 4/15 and the last chicks fledged by 7/23. Boxes with second nests that had eggs appear later in the season did not seem to be as successful. This is most likely due to the hotter weather that occurs later in the season. Foraging also becomes more difficult for parents when weather is hotter because insects are less abundant.

Argentine Ants were present again in some boxes this season but did not seem to be as big of a problem as the previous season. The same methods were used (vinegar, cinnamon, and ginger) with the addition of putting Vaseline on the poles to detour ants. Ants began appearing around the time chicks hatched, they were first recorded in late April. Presence of ants did not appear to be a factor in nesting success, with many nests fledging despite the presence of ants. Some nests that failed did not have ants present until after the chicks had died. This seems to indicate the ants are most likely foraging on detritus in the boxes, and opportunistically feeding on dead or weak chicks. The use of vinegar and of ground cinnamon and ginger appeared to decrease the incidence and number of ants present at each nest box. There was no difference in effectiveness between the two. Cleaning out the old nests also helped to control ant numbers inside the boxes.

Special thanks to Henry Feilen for his monitoring efforts and collecting data during the entire nesting season.

#### HELP WITH LAND PURCHASE near Lake Isabella:

# Tricolored Blackbirds and Other Kern Species Need Your Support --- Bob Barnes

I seek your help to the tune of \$10 per person to benefit the protection of the feeling of open space freedom, nesting "Kern" Red-winged Blackbirds, nesting Tricolored Blackbirds, an estimated 25,000 alkali mariposa lily individual plant population (2nd largest known anywhere in this rare species range), range-restricted butterfly species, and development of compatible adult and youth public access. Why?

I have been designated as the lead in raising \$900,000.00 to purchase the 189 acre Hot Springs Valley Wetlands Project property in Lake Isabella and for initial infrastructure development allowing for compatible public access. I have a year to do so - Daunting. But, I find I like the challenge immensely - maybe kind of like an all out birding big year! When the property is acquired it will be an addition to the existing, bordering 18 acre Bob Powers Gateway Preserve and 10-15 acres of BLM land to form about a 220 acre preserve (initial 10 MB press release and map available on request).

Of course, most of the funds toward purchase and initial compatible infrastructure development allowing for public visits (access, parking, trails) will come from grant makers (grant proposals are in with many others to be written) and major donors (I meet with one who is a friend in NorCal next week who has the the ability to connect me with numerous potential major donors all over California). However, it is known that grant makers and major donors look very favorably upon wide-spread, grassroots donors

support. Thus the ask to you for a \$10 per designated person donation.

Please join fellow members of the public (e.g. birders, open space seekers, recreationists, school groups) by donating \$10 per person toward this project. Permanent recognition of every single donor will be on signage placed on site (see listing of actual donors to date foubd below signature lines at the end of this email).

Send checks to KRVHF, POB 1249, Lake Isabella, CA 93240. Include your name and

community (county if outside Kern, state if outside CA) for permanent recognition on site. \$10 per individual, business, organization, on behalf of, or in memory of. Such a deal! In the event a donation of more than \$10 is made, please attach another name and community to it to help broaden the base of supporters and those recognized.

Please send me the recognition information so I can quickly add it to my Excel file of donors. I ask this favor of you as the KRVHF treasurer works full time running a Farmers' Insurance office in Lake Isabella. Understandably, this means she may not be able to keep up notifications to me of donations made in a timely manner. This is a big project to keep on top of. Thank you for helping out.

Further important background:

- Kern River Valley Heritage Foundation (a land trust of which I am on the BOD) is an all volunteer, non-profit organization qualified to receive tax-deductible donations.
- The Trust for Public Land (tpl.org) negotiated the 440 day option-to-purchase contract for KRVHF. The ongoing help from professional staff with the nationally respected TPL has been amazing!
- When purchase is completed, the 189 acres will be owned by the local KRVHF in fee title.
- If for some unforeseen reason the 189 acres ends up not being acquired, donations made will be directed to permanent donor



recognition and infrastructure improvements on the existing 18 acre Bob Powers Gateway Preserve. So, donors will still support and receive benefit. Thank you in advance for a donation of any amount you choose to give.

Continued Happy, Productive, and Rewarding Living,

Bob Barnes, Ridgecrest, Kern County, California Cell: 760-382-1260





# **PVAS Field Trips --- Winter & Spring 2016**

Pomona Valley Audubon field trips are offered at no cost (unless otherwise specified) and open to all individuals. ALWAYS call the trip leader if you plan to attend and to verify start time, meeting location, and confirm trip status. In case of rain, call the trip leader the night before. For your comfort and enjoyment, participants should plan to bring the following items:

- Binoculars/spotting scope/camera (as desired)
- Water •
- Snacks and lunch
- Dress in lavers (Bring extra clothing in case of unexpected weather changes)
- <u>Day &</u>
- Weekend

**PVAS trips----**

Hat

#### Full tank of gas

Check with leader for any additions or changes.

## Saturday, January 9, 2016

#### **Orange County Area**

A tour of coastal migrant traps and hot spots for wintering specialties and a New Year start with a big list. Leader: Eric Smith (909) 477-7976 or bird4life28@yahoo.com

#### Saturday, January 16, 2016 Whittier Narrows/Legg Lake

Join Dan as we search for wintering waterfowl, sparrows, and flycatchers. This is a great place to find winter vagrants. Leader: Dan Gregory (909) 944-2259 or DanRCRenee@verizon.net

#### Saturday, February 13, 2016

#### Lake Perris and San Jacinto Wilderness

A walk for wintering waterfowl, gulls, raptors, and sparrows. Bald Eagle, Golden Eagle, and Sage Thrasher are not uncommon. Leader: Dan Gregory (909) 944-2259 or DanRCRenee@verizon.net

#### Saturday-Sunday, February 20-21, 2016 Salton Sea & Imperial Valley

A fun "walking optional" overnight trip for geese, cranes and salton sea specialties (Gila woodpecker, Abert's towhee, Black-tailed Gnatcatcher) Meet Saturday morning at Memorial Park for carpooling at 5 a.m. or at Mecca rest stop on Hwy 86 at 7 a.m. We will spend Saturday night at the Brawley Inn and should be back in Claremont by 3 p.m. on Sunday. Leader: Dan Guthrie (909) 239-5124 or dguthrie@jsd.claremont.edu

#### Wednesday, March 9, 2016

## Los Angeles County Arboretum and Botanic Garden

Join Eric for a walk at this botanic garden as we search for early spring migrants. Leader: Eric Smith (909) 477-7976 or bird4life28@yahoo.com.

#### Saturday, March 12, 2016 Peck Road Water Conservation Park

This hidden gem in Arcadia boasts a surprising variety of year-round and migrant species.

Leader: Dan Gregory (909) 944-2259 or DanRCRenee@verizon.net

#### Saturday, April 16, 2016 San Dimas Canyon

Join Eric for a moderate walk in the canyon to look for local species and migrants. Leader: Eric Smith (909) 477-7976 or bird4life28@yahoo.com.

#### Saturday, April 23, 2016 North Etiwanda Preserve

PVAS will conduct a semi-annual bird survey at the NEP. Enjoy a great day of local birding knowing you contributed to citizen science at its finest. Leader: Dan Gregory (909) 944-2259 or DanRCRenee@verizon.net

## First Sunday Birdwalk----

#### at the Rancho Santa Ana Botanic Gardens

Join us for our monthly bird walk. Family friendly, the walk is slow paced and lasts approximately two hours. Bring binoculars if you have them. Meets 8:00 a.m. at the front entry gate (north end of College Ave. above Foothill Blvd. 1500 N. College Ave.) . Entry fee waved for all participants.

Leader: Fraser Pemberton (909) 624-6451.

Sunday, January 3, 2016 Sunday, February 7, 2016 Sunday, March 6, 2016 Sunday, April 3, 2016 Sunday, May 1, 2016 Sunday, June 5, 2016

# Fourth Sunday----

#### Frank G. Bonelli Nature Walks---

Join us for a monthly nature walk at Frank G. Bonelli Park. This is an easy, two-hour walk for beginners as well as experts. The diverse habitat makes this a great place to find Greater Roadrunner, Cactus Wren, and California Gnatcatcher, along with raptors and wintering waterfowl. Meets at 8:00 a.m. at the Bonelli Park headquarters on Via Verde near the 57 Fwy. Entry fee waved for all participants.

Leader: Rod Higbie (909) 599-6526.

Sunday, January 24, 2016 Sunday, February 28, 2016 Sunday, March 27, 2016 Sunday, April 24, 2016 Sunday, May 22, 2016

#### Saturday, May 7, 2016 **Big Morongo Canvon**

A famous desert oasis at the height of western migration. Leader: Dan Gregory (909) 944-2259 or DanRCRcenee@verizon.net

#### Saturday, May 14, 2016 **Prado Wetlands**

Bird the largest constructed wetlands on the west coast with our host Bonnie Johnson, Orange County Water District biologist. Prado Wetlands supports the largest population of endangered Least Bell's Vireo, while its 45 shallow ponds provide ideal habitat for wading and shore birds, waterfowl, raptors and more. Last spring we even saw baby Western Screech and Barn Owls in nesting boxes placed by the district's biologists. Our walk is about 4 hours over 3 miles of good trail. Lunch will be at outdoor shaded tables. Bring lunch, snacks and water. Trip is limited to 12 people. Call for start time, carpooling and trip status.

Leader: Tina Stoner (909) 292-3900 or tinastoner@earthlink.net

#### Saturday, June 4, 2016 Big Bear Lake Area

A trip to the Big Bear Lake area during breeding season. Leader: Dan Gregory (909) 944-2259 or DanRCRenee@verizon.net

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Walking/Hiking shoes Sunscreen

# A Little Bird Changed My Life

"A little bird changed my life," says José Santos Montenegro, manager of Huembo Reserve in Peru. Santos was walking down a road in Pomacochas, Peru, when five European birders approached him. "Have you seen this bird?" they asked, showing him a picture of a Marvelous Spatuletail Hummingbird. "Yes, they come to my farm," he said. The birders followed him to his farm and stayed there until they saw the bird feeding from a shrub. A few weeks later, another group of birders came to see him, asking to see the hummingbird. Santos began collecting the seeds of the plants the hummingbirds favored and planted them around his farm while birders from around the world continued to come to see the bird. One of the birders gave him a pair of binoculars and a field guide.

Santos became interested in the birds and learned to identify them and the plants that they fed from. Years later, the Asociación de Ecosistemas Andinos (ECOAN), a nonprofit organization for the conservation of Peruvian wildlife, and the American Bird Conservancy (ABC) asked him to monitor the hummingbirds at their Huembo Reserve in Pomacochas. Santos made hummingbird feeders from plastic

bottles and balloon cups to attract the birds to the reserve, and a year later the first Marvelous Spatuletail came to the feeders. Pomacochas was once another victim of deforestation, now the area is flourishing again. ECOAN, ABC, and the community of Pomacochas have planted over half a million native plants in the area. ECOAN and ABC employ farmers who used to cut and burn the rainforest.

A little bird changed the life of Santos and many others in Pomacochas, Peru.



# **Used Binoculars, Telescopes,** Cameras, Lenses, etc. are always NEEDED----

I just got back from a great (very short) trip to Belize. I met two excellent Belizian birders there, who are up-and-coming but in need of better gear. I'm sending down two of my used camera bodies (both Canon), one for each of them. I'm wondering if anyone has a used canon lens they'd be willing to part with? As we all know lenses are the most important part, and even used ones are astronomically priced in Belizian dollars. Not looking for big glass here, just something that they could actually photograph a bird with. In any case, contact me if you'd like to recycle some old gear and get it into the hands of people down there who can really use it. My only stipulation to them was that all birds photographed must be entered into eBird! Contact Brian Sullivan - heroldpetrel@gmail.com

#### **PVAS will also Collect Birding Equipment** for South American Birding Students

To donate any of your older but in working order birding equipment to illequipped people in the field in South and Central America, please contact **Dan** Guthrie (909) 239-5124 or dguthrie@jsd.claremont.edu. We can pickup.

#### **PVAS LEADERS 2015**

Vic Sec	e-President retary	Ed Babcock Angie Verma	Neil.Gilbert@twc.com ed.babcock@icloud.com rosegoddess@prodigy.net chuckburt6@hotmail.com				
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VALLEY AUDUBON SOCIETY

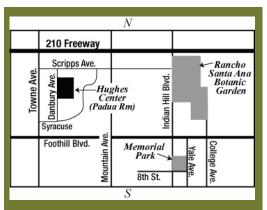
#### **CHAPARRAL NATURALIST NEWSLETTER**

Editor ......eeyaa@uia.net

The **Chaparral Naturalist** is published bimonthly, except July and August by the Pomona Valley Audubon Society. Copy deadline is the second to last Thursday of the month. Articles may be reprinted without permission, however we require the author and **Chaparral Naturalist** be credited. We encourage members to submit articles and photos by email to Judy, eeyaa@uia.net. Photos should be saved at 300 dpi and in jpg format. Articles should be provided in .doc, .rtf, or .xls format. Sorry, we cannot retype your copy.

Chapter only memberships are available for \$20 per year. Make checks payable to PVAS and mail to:

**Pomona Valley Audubon** 2058 N Mills Ave., PMB426 Claremont, CA 91711





Pomona Valley Audubon Society

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Return Service Requested

**General Meetings** are held in the **Padua Room** in the **Alexander Hughes Center, 1700 Danbury Drive, Claremont.** From Foothill Blvd., head north on Mountain or Towne Ave. and turn onto Scripps Drive. Turn south on Danbury, the Alexander Hughes Center will be on the east side. Our meetings begin with a bird identification session at 7 p.m. followed by refreshments, a short business meeting, and our evening program.

# **Bring a friend?**

Non-members are welcome!

# <u>Thursday, FEBRUARY 4, 2016</u> Northern India: Birds, Tigers, Trains, and the Taj Mahal by Kennon Corey

Ranthambhore, Bharatpur, Nainital and Corbett National Park are just a few of the places I visited a few years ago in February. Birding in India was spectacular including spotted forkail, laughingthrushes, leaftossers, pheasants, overwintering waterfowl and other migrants, a great variety of raptors, and of course the common peafowl. From the open plains to the jungle clad foothills of the Himalayas, I am excited to share pictures and a few short movie clips so please join me and lets explore some of the great wildlife and attractions of northern India.

# <u> Thursday, MARCH 3, 2016</u>

Tern Research Locally and in Chile by Tom Ryan

## Thursday, APRIL 7, 2016

Research on Local Birds by Students of Nina Karnovsky from Pomona College faculty

# <u>Thursday, MAY 5, 2016</u>

Hummingbird Foraging Research by Dr. Elise Ferree

# **PVAS General Membership Meetings**

## <u>Thursday, January 7, 2016</u> Birding Zambia and Botswana by Brian Elliott

Pomona Valley Audubon member Brian Elliott will present a program about his 14 day mobile tent camping safari in northern Botswana and an additional three days in the Victoria Falls area of Zambia. Northern Botswana has some of Africa's best wildlife viewing and is home to Africa's highest population of elephants. Enjoy the region with its wildlife and birds thru their photos and stories.



Elephants are often plagued by oxpeckers which feed on the tick and insect pests and even the elephants..

Friday, June 3, 2016 PVAS Annual Desert & Members' Slide Show

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