



Canyon News

Black Mountain Park • Del Mar Mesa Preserve

Peñasquitos Canyon Preserve

Friends of Los Peñasquitos Canyon Preserve, Inc.

Sept. / Oct. 2007

Volume 21, No. 5

Volunteers Make Black Mountain Park Jewel Shine

Dave Wenk, Pres., BMOS CAC

My first introduction to Black Mountain Park occurred in the early 1990s when I was working on my pilot's license. My flight instructor used to have me practice "engine failure" procedures over what he called one of the last remote urban open spaces in the city of San Diego. When he was satisfied that I could (if I had experienced an actual engine failure) safely land the airplane on one of the dirt roads cutting through today's park boundaries, he'd have me hit the throttle and we'd circle what is now Santaluz and Black Mountain Ranch while climbing back up to altitude.

Seven or eight years later, I began meeting friends for after-work mountain bike rides in Black Mountain Park. Portions of the park and its periphery were still like the Wild West – jeeps and motorcycles would fly past us on the trails, and it wasn't unusual to find shotgun shells here and there. Below the park near the end of the unimproved portion of Black Mountain Road was an ad hoc dump.

In early 2002, I met Sr. Ranger Lori Charett (Gerbac) for the first time. I tracked her down through the City of San Diego's Park & Recreation web site and asked her for a map and any other materials she might have describing the park. She sent them right away – along with an invitation to join her and other volunteers for a clean-up event. I, in turn, recruited other volunteers from the San Diego Mountain Biking Association (SDMBA).

During the two clean-ups Ranger

See p. 5 for more

Volunteers Needed!

Coastal Canyon Trash Cleanup in Peñasquitos Sat., Sept. 15, 9 - 12 p.m. Mercy Road Staging Area

Join I Love a Clean San Diego, Coastkeeper, the Friends, and City Parks in cleaning up the trash, big and small in Peñasquitos Canyon. Meet at the Mercy Road Parking-Staging Area, on the corner of Mercy and Black Mtn. Roads in Mira Mesa. Call Brian Swanson at bswanson@semprautilities.com for more information. **Thomas Guide p. 1189.**

López Canyon Cleanup Sunday, Sept. 23: 9-1 p.m.

López Ridge Park & Sunday, Oct. 28, 9-1 p.m.

Join the Friends and City Rangers in cleaning up the trash, big and small in Lopez Canyon above and below Camino Santa Fe. Pickups with 4x4 needed. Meet at López Ridge Park at 7245 Calle Cristobal in Mira Mesa. Call Mike for more info at 858-342-8856. **Thomas Guide p. 1208 (H3).**

Friends Annual Meeting Saturday, Nov. 3, 7 - 9 p.m. at Peñasquitos Ranch

As is our tradition we will hold our annual election of officers (5 minutes) with a social (free food!) and a presentation on "Cats to Bats to Rats: Mammals of San Diego & Baja" (see article to right). Social begins at 7, election at 7:25, presentation at 7:30.

Highlights Inside

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Cats to Bats to Rats

Mammals of San Diego & Baja



Scott Tremor of the San Diego Natural History Museum will discuss his experiences with mammals in the southern California and Baja California regions. Learn about cats to bats to rats and more. Investigate mammal habitat preferences, lifestyles, and protection status. Examine specimens from the Museums collections and learn how to identify these animals in the wild. □ Tremor will also discuss the San Diego Mammal Atlas project and its current status.

See p. 5 for more



Photo: Lee Kirchhevel

Bobcats like the one picture above with a lizard its just caught are one of the mammals being studied in the Mammal Atlas Project.

Photo by Lee Kirchhevel

Free Hikes & Volunteer Opportunities

Even though we're entering fall season, it's still hot! Be sure to bring adequate water and sunscreen as you prepare for your hikes. All hikes are free to the public. If you're bringing an organized group, please call (858) 484-3219 to make arrangements. Rain cancels hikes. Be sure to wear hiking boots and bring water, insect repellent, and sun protection. See you on the trail!

Every Saturday & Sunday

Historic Adobe Ranch Tour

San Diego County Park docents lead a free guided tour of San Diego's second oldest standing residence, Rancho Santa María de los Peñasquitos, at 11 a.m. on Saturdays and 1 p.m. on Sundays, lasting 45 minutes. See an historic Mexican era rancho with three foot thick adobe walls, settler and Indian artifacts and tour the grounds. Ranch House is located on Canyonside Dr. off Black Mountain Rd. near I-15 between Mira Mesa and Rancho Peñasquitos. Thomas Bros. p. 1189 (C7).

September

Black Mountain Open Space Park Citizens Advisory Committee

Thursday, Sept. 13, 7 p.m.

Public is welcome to attend this meeting to plan park activities. Meeting is at the historic Ranch House off Canyonside Driveway at Black Mountain Rd. **Note that this is a new location! Thomas Guide p. 1189 (C7).**

Coastal Cleanup Day

Saturday, Sept. 15, 9 a.m. - noon.

Everyone is invited to join the Friends, Coastkeeper, and I Love a Clean San Diego in a cleanup in Peñasquitos Canyon Preserve. We have several specific areas we will be cleaning up trash, trash that often ends up in Peñasquitos Creek and Lagoon. Meet at the Mercy Road Parking Staging Area at Mercy & Black Mtn. Rd. between Peñasquitos and Mira Mesa.

Intermediate Tracker/Naturalist Program

Wednesday, Sept. 19, 7 p.m. &

Saturday, Sept. 22, 8 a.m. This phase of instruction will broaden your experience giving you a chance to develop personal strategies for confident recognition and interpretation of tracks and sign on a variety of surfaces. We'll help you get beyond the track identification phase and into the interpretation phase; with exercises in

speculative tracking, aging, soil dynamics, debris interaction, trailing, mammal skull and dental identification, and tracking on various substrates. Gait interpretation learned in the beginning class will be expanded upon.

Registration: Fee: \$50 per person, per class. (\$10 discount for SDTT members). Please make check payable to: Friends of Los Peñasquitos Canyon Preserve. Mail to: Los Peñasquitos Tracking Team, PO Box 501281, San Diego CA 92150. Please note for which class(es) you are registering and be sure to include your Name, Address, Telephone number, and E-mail. If you have questions, please contact us via email at registration@sdtt.org or call (760) 715-4102.

Peñasquitos Canyon Citizens Advisory Committee

Thursday, Sept. 20, 7 p.m.

Public is welcome to attend this meeting to plan park activities. Meeting is at the historic Ranch House off Canyonside Driveway at Black Mountain Rd. **Thomas Guide p. 1189 (C7).**

Night Walk in Canyon with Will Bowen

Saturday, Sept. 22, 7-8:30 p.m.

A hike to explore the canyon from dusk into dark. Awaken your night vision and look for nocturnal critters such as deer, owls, and bats. Enjoy the heightening of your other senses in the dark. Contemplate the night sky and identify planets, stars, and constellations. Bring a flashlight. Meet at 4206 Sorrento Valley Blvd. **Thomas Guide p.1208 (D5).**

Volunteer Trash Pickup Lopez Canyon

Sunday, Sept. 23, 9 a.m. - 1.

Trash pickup in López Canyon. Meet at López Ridge Park at 7245 Calle Cristobal in Mira Mesa. Call Ranger John Garwood at 858-538-8066 for more info. **Thomas Guide p. 1208 (D5).**

Canyon Favorites Hike

Saturday, Sept. 23, 5 - 7 p.m.

Join Linda King for a moderately paced hike to Walden Pond, Carson's Crossing, the waterfall, and back. Good chance of seeing wildlife. Meet at the end of Park Village Road in Rancho Peñasquitos. Bring water and wear hiking boots. **Thomas Guide p. 1189 (J7).**

Maps of Peñasquitos Canyon Preserve and Black Mountain Open Space Parks are available at www.penasquitos.org.

October

Friends of Peñasquitos Canyon Board of Directors

Tuesday, Oct. 2, 7 p.m.

Members are welcome to attend this business meeting to plan Friends' activities. Meeting is at the historic Adobe Ranch House at Black Mountain Road and Canyonside Driveway. **Thomas Guide p. 1189 (C7).**

Tracking Walk

Saturday, Oct. 13, 8 a.m.

Everyone is invited to join us for a free, easy tracking walk to learn about the art of tracking and the Los Peñasquitos Canyon Preserve. Beginner and Intermediate levels. Meet at the historic Ranch House on Canyonside Dr., Rancho Peñasquitos. **Thomas Guide p. 1189 (C7).**

Canyon Favorites Hike

Saturday, Oct. 13, 4:30-6:30 p.m.

Join Pat for a moderately paced hike to Walden Pond, Carson's Crossing, the waterfall, and back. Good chance of seeing wildlife. Meet at the end of Park Village Road in Rancho Peñasquitos. Bring water and wear hiking boots. **Thomas Guide p. 1189 (J7).**

Wildlife Survey Volunteer Training

Saturday, Oct. 20, 9:45 a.m. - 4 p.m.

This free training includes basic wildlife track, sign, and habitat recognition, as well as details on the implementation of survey protocol, and is required for survey volunteers. Meet at the historic adobe ranch house. **See Thomas Guide p. 1189 (C7).**

Volunteer Weed Bash on Luzardi Creek

Saturday, Oct. 20, 9 a.m. - 1 p.m.

Help protect native habitat along beautiful Luzardi Creek (north city) in the Santa Luz, part of Black Mtn. Open Space Park. by removing invasive weeds such as tamarisk and arundo. Meet at the kiosk in the parking lot off San Dieguito Road, opposite Montien Rd. Contact mike at mkellysd@aol.com for more info.

Sensory Awareness Hike Will Bowen Sunday, Oct. 21, 4–5:30 p.m.

A hike to explore deep immersion in the senses as a path to know nature better. We will make experiments with sight, sound, taste, fragrance, and touch: eg., contemplating the colors of the sky, the song of a bird, the fragrance of a leaf, the taste of a berry, the texture of tree bark. This practice can take one to a more profound and quiet connection to the natural world. Meet at the West End Parking Staging Area. Thomas Guide p.1208 (D5).

Volunteer Trash Pickup Lopez Canyon

Sunday, Oct. 28, 9 a.m. - 1. Trash pickup in López Canyon. Meet at López Ridge Park at 7245 Calle Cristobal in Mira Mesa. Call Ranger John Garwood at 858-538-8066 for more info. **Thomas Guide p. 1208 (D5).**

DIRECTIONS

Mercy Road Parking-Staging Area

In Mira Mesa. Take Mercy Exit off I-15 west to Black Mountain Rd. and straight across intersection into parking lot. Meet on upper level. Thomas Guide p. 1189 (D7).

Northern Parking-Staging Area

Located in Rancho Peñasquitos. From I-15 take the Mercy Road exit west to Black Mountain Road. Right on Black Mountain Road and up hill, left on Park Village

Drive, about 1 mile to Camino del Sur. Left on Camino del Sur and park by the kiosk. Thomas Guide p. 1189 (A7-B7).

Park Village Drive Meeting Area

Located in Rancho Peñasquitos. From I-15 take the Mercy Road exit west to Black Mountain Road. Right on Black Mountain Road and up hill, left on Park Village Drive and take it all the way to the end at the white barricades and park entrance. Thomas Guide p. 1189 – 1188 (J7).

Ranch House Walks/Tours

Located in Rancho Peñasquitos. Take Mercy Exit off I-15 west to Black Mountain Road. Right on Black Mountain. Left at first light, Canyonside Park Dr. Go past ballfields to the white-fenced parking lot. Left into the lot. Walk up path to the ranch. house. Thomas Guide p. 1189 (C7).

Sorrento Valley Meeting Area

Meet in parking lot at 4206 Sorrento Valley Blvd. on the north side of Sorrento Valley Boulevard in Sorrento Valley, 1/4 mile east of its intersection with Sorrento Valley Road. Thomas Guide p. 1208 (D5).

West-End Parking-Staging Area

South side of Sorrento Valley Blvd. in Sorrento Valley, 1/2 mile east of intersection with Vista Sorrento Pky. From east take Mira Mesa Blvd. west to Camino Santa Fe. Right on Camino Santa Fe, then left on Sorrento Valley Blvd. to bottom of the hill. Entrance is on the left. From the west, take I-5 or 805 to Sorrento Valley. Take Sorrento Valley Blvd. east, pass last building on the right. Preserve entrance is on right. Thomas Guide p. 1208, (D5).

New BMOS Ranger

□Mike Kelly

In our May/June 2007 issue of *Canyon News* we introduced you to a new City Ranger, Matt Sanford. He was assigned to help Senior Ranger Lori Charett manage our Black Mountain Open Space Park (BMOS). Now, we'd like to introduce you to Ed Christensen. He is replacing Lori Charett as Senior Ranger. Ranger Charett accepted a promotion to the Senior Ranger position at the City's Mission Bay Park, a big leap in responsibility for her. We wished Lori goodbye at a dinner recently, hosted by the BMOS Citizens Advisory Committee, of which I'm a member.

Ranger Christensen was raised in eastern Massachusetts and attended the University of Massachusetts, graduating in 1997. He began working for the National Park Service as a Seasonal Patrol Ranger at Lake Powell in 1997; then Rocky Mountain Nat'l Park 1998-2003; Cabrillo Nat'l Monument 2003- 2005; City of SD □ (Mission Bay Park) 2005; City of SD Water Dept. Ranger/Diver 2005-2007. He lives in Pt. Loma. His hobbies: include flying, sports, model airplanes, and flight club board of directors. He can be reached at 858-538-8082 and

eachristensen@sandiego.gov. He is pictured below.



Black Mtn. Open Space Citizens Advisory Committee. L-R back row: Dave Wenk, Victor McBride, Ranger Matt Sanford, Walter White, Mike Kelly. Front: Lori McBride, Ranger Lori Charett, David Robertson, Jas Arnold. Not pictured: Arne Johanson, Maryanne Young.



Do Plants Communicate?

Dodder Uses Chemical Cues to Find Host Plants

Ann Sixtus, Trail Guide, Mission Trails Regional Park

[Many of us have seen the gossamer threads of something orange covering native plants. It's an annual parasitic plant named Dodder or Witch's hair (*Cuscuta californica*). There are several native ones and one non-native. It's an annual that germinates from seed and finds its way to a host plant. It separates from the ground, grows over the host plant by taking water and nutrients from it. When leading a hike, I'm often asked if this plant shouldn't be controlled for this reason. My answer is that I've seen no evidence it is actually killing the natives. It dies back each year and leaves the host plant alive and able to photosynthesize. The following article, reprinted from the *Trail Talk* newsletter, Nov. 2006, of the Mission Trails Regional Park Trail Guide Program, answers another question, when it germinates, how does it find a host plant? Just dump luck if it happens to germinate under a suitable host? It seems it's more complicated than that -- Mike Kelly.]

I thought this was an interesting article in *Science* magazine about dodder and how it finds its host plant. It is more detail than you would want to tell visitors, but I thought it would be of interest to trail guides: Dodder may be the bloodhound of the plant world. A plant that parasitizes other plants, it sniffs out its victim, Justin Runyon and his colleagues at Pennsylvania State University in State College report. "This is a pretty cool example of plants behaving in a way most people think only animals behave," says Richard Karban, a community ecologist at the University of California, Davis. It's also an effective strategy: Dodder ranks among the U.S. Department of Agriculture's top 10 noxious weeds.

The work bolsters the notion that plants have a chemical language, an idea that's been hotly debated for the past 2 decades. "The results go a long way toward convincing people that

plant-plant interaction via volatiles is a real phenomenon," says Eran Pichersky, an evolutionary biologist at the University of Michigan, Ann Arbor. Barely able to carry out photosynthesis, dodder survives by attaching to the stems and leaves of other plants and robbing them of nutrients. A relative of morning glories, it has many names—goldthread, strangleweed, witches' shoelaces—that aptly describe the dense, yellowish mats that blanket its



Dodder on California Buckwheat
Photo from County of Los Angeles, ACWM

hosts, reducing agricultural productivity by as much as 90%.

Runyon, a graduate student working with Pennsylvania State chemical ecologists Consuelo De Moraes and Mark Mescher, wanted to know how dodder found its mark. He placed seedlings of the dodder species *Cuscuta pentagona* in small vials fitted with a collar of filter paper on which he traced their growth and found that 80% of them headed toward a tomato plant placed nearby. He then put seedlings in an open-air chamber with two 90-degree side tunnels, one of which led to a chamber containing four tomato plants and the other to a chamber with four artificial plants; the seedlings could catch a whiff of the plants through the tunnel. About 77% of the seedlings grew toward the actual plants, the group reports. Runyon then replaced the plants with a vial of plant extract and the fakes with a vial con-

taining only solvent. Again, the dodder seedlings made the right choice.

The seedlings also grew toward touch-me-not plants (*Impatiens*) and, to a lesser extent, wheat. But when given the choice, the dodder avoided wheat, a poor host, in favor of tomato. Runyon discovered that wheat emits a chemical that somewhat repels the dodder — a finding with possible practical implications, given that dodder is so hard to control. This result, says De Moraes, "suggests the possibility of using volatiles to enhance plant defenses, either by applying repellent compounds or perhaps by engineering plants to produce them."

Past studies have indicated that plants under attack from herbivores emit signals telling nearby plants to boost their chemical defenses. But some researchers have been dubious about this evidence of plant-plant chatter, arguing that the experiments took place in closed chambers where artificially high concentrations of odors built up. Runyon's experiments were "rigorously conducted in an 'open' experimental design, so it's hard to argue that the responses they observe in the greenhouse are not occurring in the real world," says Ian Baldwin of the Max Planck Institute for Chemical Ecology in Jena, Germany.

Many questions remain about how plants perceive the still-unidentified volatile signals. But there will be rapid progress, predicts Andre Kessler, a chemical ecologist at Cornell University. Runyon and his colleagues, he says, have "opened up a new door that can bring us closer to the understanding of airborne plant-plant interactions."

Pennisi, Elizabeth. 2006. Parasitic Weed Uses Chemical Cues To Find Host Plant *Science*, vol 313, pp. 1867.

(Black Mtn. Park cont'd)

County Newcomer

□ Sam Lanning

Hello friends of los Peñasquitos Canyon Preserve. My name is Sam Lanning and I'm a new park attendant recently re-assigned to Los Peñasquitos Canyon Preserve beginning September 3, 2007. I come to this park hoping to make improvements as well as bring new ideas and assist the Ranger staff.

Over my several years of working in San Diego, I've had the chance to work for several employers who have made me the person I am today. I have a well rounded background in law enforcement, customer service and park maintenance. My previous employers currently and past are the County of San Diego as a Park Attendant (current), City of Poway as a Park Maintenance Worker (current), Port of San Diego as a Traffic Enforcement Officer (past), City of Chula Vista as a Park Ranger Aide (past) and U.S. Forest Service as a Forestry Firefighter (past).

I've worked at three County Parks: Dos Picos, Collier, and Lake Jennings and several city parks such as Lake Poway Recreational Park, Blue Sky Reserve, Mission Trails Regional Park, Rohr Park and all of the community parks within the City of Chula Vista.

I've volunteered at Mission Trails Regional Park (City of San Diego) as a Park Patrol member in the past year.

On my off time I enjoy hiking challenging trails such as Mt. Woodson and North Fortuna. I also like visiting animal shelters as abandoned pets need visitors too.

Lori organized in 2002, SDMBA members and other volunteers (para- / hang-gliders, park neighbors, etc.) helped fill several 40-yard dumpsters with trash ranging from discarded appliances to car parts to construction debris.

In April 2003, SDMBA led the first of its twice-annual trail work events in the park. Sponsored by Black Mountain Bicycles, these early events primarily involved brushing to improve sight lines and some basic erosion control on Miner's Ridge Loop Trail (MRLT). A year later, the IMBA Trail Care Crew (a team of specially trained trail building experts who work with land managers all over the United States) visited Black Mountain Park, and their recommendations were incorporated into a plan for making more amenable to becoming a multi-use trail.

SDMBA-led trail work events from 2003 - 2005 involved implementing the these recommendations by improving sight lines at various points to reduce the chance of hiker-biker conflict, armoring trail beds to permanently mitigate chronic erosion problems, reclaiming habitat on closed trails, and installing rolling grade dips to shunt water off the trail.

In early 2006, the Black Mountain CAC recommended re-designating Miner's Ridge Loop Trail as multi-use and shortly thereafter the city added its blessing. Today – because of the combined efforts of Sr. Ranger Lori Charett Gerbac, park and city staff (such as Rick Thompson, John Barone, and Tom Miller), SDMBA members, the Citizen's Advisory Committee, and scores of volunteers from the surrounding communities – MRLT is a safe, sustainable trail that can now be enjoyed by hiker and biker alike.

Work continues to make Black Mountain Park one of the city's open space jewels. On April 15, 2007, twenty SDMBA members and community volunteers cut back brush, improved some trail tread, and posted new informational signs. Besides SDMBA-led events, other community / user groups (such as the San Diego Hang Gliding and Paragliding Association) and the ranger staff also conduct regular park improvement activities. In addition, a new trail connecting the north (MRLT) and south (Nighthawk) trail systems is wending its way through the approval process and should be open soon.

Please volunteer! Visit the www.sdmdba.com or www.penasquitos.org for event sched-



**Trail and fence crew at Black Mountain Open Space Park.
Photo by Dave Wenk**



The mule deer buck and doe caught chowing down in a Peñasquitos Canyon marsh are also a study animal of the Mammal Atlas Project.

Photo by Diana Gordon, 2007.

New Trail Bridge Crosses Luzardi Creek



This new bridge crossing Luzardi Creek makes a trail connection between the north and south sides of the creek, a few hundred yards west of where the creek and trail pass under Camino del Sur. Luzardi Creek is an undiscovered treasure of the newly expanded Black Mountain Open Space Park. Visit www.penasquitos.org for a .pdf map of the park!

Photo by Mike Kelly.

(Mammals cont'd)

Scott Tremor, mammalogist, has been on the San Diego Natural History Museum's staff since 2004, following 16 years of working with the mammal collection at the San Diego Zoo. He has 20 years of experience in mammal trapping and monitoring, working with rodents, bats, and carnivores. He has overseen biological inventories, conducted studies of wildlife corridors, and taught classes in mammal identification, biology, and tracking. Since 2003 he has organized and supervised studies of the effects of wildfire on mammals in San Diego County sponsored by the Joint Fire Science Program and Cleveland National Forest. □ Tremor is also Principal Investigator on the San Diego County Mammal Atlas project which is expected to be published in 2008.

Volunteers are welcome to participate in the Mammal Atlas project. Already, volunteers with the San Diego Tracking Team have been contributing based on their local knowledge and tracking skills. Learn more about this opportunity at the meeting.



This cutie, photographed against the barn at nighttime at the historic ranch house in Peñasquitos Canyon Preserve is NOT a study animal of the Mammal Atlas Project. This is our Western Toad (*Bufo boreas*), a large toad as our native toads go.
Photo by Mike Kelly, 2007.

ARCH in the PARK

Saturday, October 20, 2007 • 10:00 am to 3:00 pm

The **San Diego County Archaeological Society** presents
an educational day of **Archaeology** and **Fun** at the
Ranch House in Los Peñasquitos Canyon Preserve

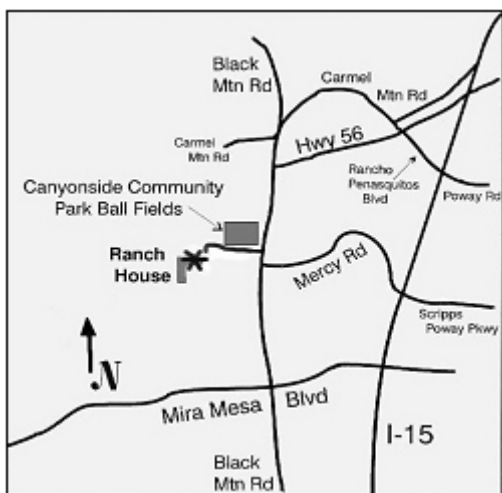
- » Find out what archaeology is all about; dig in a mock excavation; play games
- » Discover the history of the Ranch House on a tour of the adobe
- » See archaeology exhibits, demos on stone tool making, basket making, and more!



Bring a picnic lunch
to enjoy in the shade.
Fry bread, snacks, and sodas
will be available for purchase.



For more information, call: 858-538-0935
visit our website: www.sandiegoarchaeologicalsociety.com
or e-mail us at: sdcas@email.com



Peñasquitos brand

DIRECTIONS: From I-15 take Mercy Rd. west; turn right (north) onto Black Mountain Rd. Take the first left onto Canyonside Park Driveway. Follow the road all the way to the end (past ball fields) to Ranch House. Park in the Visitors lot on the left side of the road. Walk the pathway to the ranch complex.



Friends of Los Peñasquitos Canyon Preserve, Inc.

P.O. Box 26523, San Diego, CA 92196
858-484-3219 www.penasquitos.org

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Membership Application

Membership category? Circle below:

Senior (62) or Student \$10 Individual \$15

Family \$20 Sponsor \$30 Patron \$100

Corporate \$250 Life \$1000

Contribution \$ _____

I/We are interested in the following:

Volunteer to help the committee (call to discuss)

Hikes

Indian Culture

Educational Workshops

School, Family, Youth Programs

Environment (Plants, birds, mammals, geology)

Other: _____ **9/07**

Name(s) _____

Address _____

City State Zip _____

Home Phone _____

Email _____

Please make checks payable to:

Friends of Los Peñasquitos Canyon Preserve, Inc.
P.O. Box 26523, San Diego, CA 92196

Thank you for your support! Your donation is tax deductible.
Call **858.484.3219** or **858.342-8856** for more information.

Friends' Directory

Officers

President: Brian Swanson 760.739.5451
Vice-President: Don Albright 619.443.5937
Treasurer: Pat Watkins 858.538.2527
Secretary: Rick Botta 858.672.0584

Other Members of the Board of Directors

Edward DiBella, Ann Harvey, Mike Kelly

Walk Leaders

Brian Swanson, Don Albright, Will Bowen, Mike Kelly, Pat Watkins, Linda King and Barbara Moore.

Committees:

Newsletter: Mike Kelly at 858-342-8856.
Tracking Team Coordinator: Rick Botta,
858.672-0584
Conservation Chair: Mike Kelly, 858.566.6489
Webmaster: Beth Williams
Wildlife Surveys: Patrick Campbell, 760.471.9197