



Photo Jim Rassler

## Milestone Natural Community Conservation Plan is Adopted by RPV City Council

On November 19th, the Rancho Palos Verdes City Council reached a major milestone by formally adopting the Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP). The plan formalizes area-wide protection and management of natural wildlife diversity, while also permitting compatible and appropriate development and growth.

The city's NCCP/HCP establishes protections for the 1,400-acre Palos Verdes Nature Preserve in perpetuity for species and habitat conservation while streamlining environmental permitting for citywide public and private infrastructure and development projects.

The Conservancy is the designated preserve habitat manager and conservation easement holder, responsible for habitat restoration, invasive plant removal and protecting the conservation value of the land. This includes the comprehensive management of protected native habitat in order to conserve multiple critically-imperiled species including the coastal California gnatcatcher (federally threatened), cactus wren (state species of concern), Palos Verdes and El Segundo blue butterflies (endangered) and

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## Partners Each Contribute to the Reintroduction of the Palos Verdes Blue Butterfly

To successfully reintroduce the once nearly extinct Palos Verdes blue butterfly takes many different partners. Each brings something unique to the recovery program.

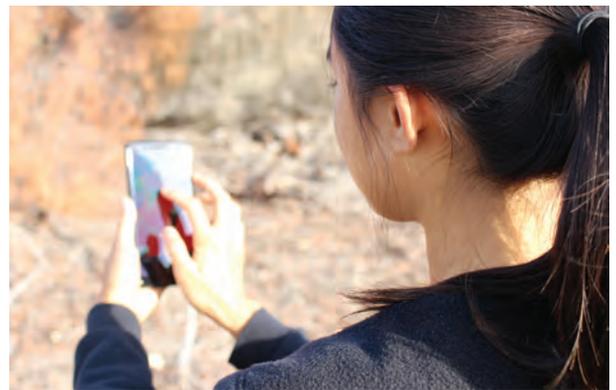
In the early 1980s, the Palos Verdes blue butterfly (*Glaucopsyche lygdamus palosverdesensis*) was thought to be extinct. A sighting by a team of researchers at the Defense Fuel Support Point in San Pedro in 1994 proved that assumption wrong. This amazing rediscovery spearheaded a multi-organizational effort to bring the PV blue butterfly from the brink of extinction. Partners in the recovery effort include the Conservancy, the U.S. Navy, U.S. Fish and Wildlife Service, Moorpark College and the Urban Wildlands Group. As part of the partnership, the Conservancy grows the butterfly's food plants and restores and maintains the habitat essential to the species' reintroduction.



Joseph Whithers with host plants of the PV blue at Linden H. Chandler

In 2020, Patagonia's Santa Monica store became a partner in supporting PV blue butterfly habitat restoration

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## Technology and Conservation

Did you know that smartphones are now making data collection smarter and simpler for biologists? Every day, hand-held technologies are being used to help guide conservation efforts and enhance the capabilities of Conservancy staff and community science interns and volunteers.

As part of an expanded initiative to remove acacia, the Conservancy launched a pilot program in September to deploy students to help collect data

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## A Message from the President

Dear Friends,

I was delighted to join the Conservancy's Board of Directors three years ago and now I am honored to become the newest President of the Board. I moved to the Palos Verdes Peninsula when I was five years old and spent my childhood exploring the hillsides, canyons and shorelines of this amazing place. By the time I went away to college, the area was developing quickly. I came back armed with a master's degree in urban planning determined to protect, as much as possible, the remaining areas I loved as a kid and appreciated even more as an adult. The next 29 years were spent working for the City of Rancho Palos Verdes in a variety of capacities with the longest stint as Deputy City Manager. During my time with RPV, I was fortunate to witness our founder Bill Ailor's audacious vision in 1988 evolve from 20 acres donated by a local developer in the early 1990s into more than 1,600 acres of protected land that we manage today.

It is my pleasure to extend a special thank you to my predecessor, Allen Franz, whose long-standing dedication to the Conservancy's mission is a model of volunteerism and is truly a personal inspiration. Few and far between are the events, especially those outdoors, where Allen isn't present, sharing his encyclopedic knowledge of the local flora and fauna, offering words of encouragement to everyone and rolling up his sleeves to help with the work. Thank you, Allen!

As you will read in this issue, the recent adoption of the Natural Community Conservation Plan (NCCP) with our partners at the City of Rancho Palos Verdes and state and federal wildlife agencies marks the beginning of a new and exciting chapter in the Conservancy's history. I am looking forward to working with all of you to seek out and implement innovative and sustainable ways to protect and restore the native habitats of this unique place we all cherish.

Sincerely,

Carolynn Petru  
President, Board of Directors



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## Still time to Adopt a Goat

In a few months, we will resume aggressive weeding by hiring a herd of goats. Please consider "adopting" a goat. The goat herd weeds one acre of land per day and your gift can help pay for a goat for one day at \$100 or one goat for the entire week for \$500.

If you choose to participate in the goat adoption, you will be included in a photo session with the goats in **2020** and you will have helped us weed five acres of land.

Further details are available at [pvplc.org](http://pvplc.org) – and then click on "donate now" or contact Susan Wilcox at (310) 541-7613, x 202.



## news items

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# Fantastic Fungi

## Join Us for 50th Anniversary of Earth Day Celebrations

### Film Presentation of *Fantastic Fungi* **POSTPONED**, Warner Grand Theatre

The Conservancy will celebrate the 50th Anniversary of Earth Day by hosting a special presentation of the film *Fantastic Fungi* at the Warner Grand Theatre Sunday, April 19th, 5 pm. Directed by Louie Schwartzberg, *Fantastic Fungi* is a consciousness-shifting film narrated by Brie Larson, is an immersive journey with renowned scientists like Paul Stamets, and best-selling authors Michael Pollan, Eugenia Bone and Andrew Weil. The film delves into how the earth beneath our feet can heal and save our planet. Earth Day sponsors are invited to attend a Special VIP Wine Bar Reception prior to the film at 4 p.m. All proceeds from this event support the White Point Nature Education Center & Preserve. For information about becoming a sponsor and to reserve space at the film screening, please visit: [pvplc.org](http://pvplc.org).

### Outdoor Volunteer Earth Day Event **POSTPONED** White Point Nature Preserve

Earth Day also marks one of the Conservancy's largest outdoor volunteer workdays, which will be held this year on Saturday, April 25th at the White Point Nature Preserve from 9 am to noon. Volunteers will help beautify the Preserve. There will be family activities including a guided nature walk, a nature-based art project, snacks from Starbucks and a great raffle with prizes for volunteers. Sign up at [pvplc.volunteerhub.com](http://pvplc.volunteerhub.com).

## Youth Performs Award-Winning Composition about PV Blue Butterfly

In January 2020, 9-year-old Cornerstone Elementary third grader Beckett Bayan was one of four children chosen in a national competition to perform his original composition about the Palos Verdes blue butterfly at the U.S. Department of Education's National PTA Reflections Ceremony in Washington, D.C. He performed on the national stage, receiving special recognition from U.S. Education Secretary Betsy DeVos for his environmental theme and musical achievement. Beckett was honored by receiving a silver medal in the National Award of Excellence for Music Composition and a Young Artist Scholarship for his composition. To compete, he was selected from 300,000 Pre-K to grade 12 students in response to the theme, "Heroes Around Me." He was inspired by the Conservancy's Third Grade Naturalist Program offered at all Palos Verdes Peninsula Unified School District schools. His artistic statement for original composition on violin stated: "In my hometown we have an endangered species...you hear the beauty of Palos Verdes and sadness when people thought the butterfly was extinct. Then you hear the heroic volunteers and neighbors working hard to plant native plants and restore habitat. Finally, you hear happiness as the butterfly returns to Palos Verdes." Last November, Beckett performed at the Conservancy's film presentation of the film, "National Parks Adventure." He will return to perform on Endangered Species Day prior to "Never Cry Wolf" on May 17th at 5 pm.



## Wolves Help Raise Awareness on Endangered Species Day

Raise your awareness about species on the brink of extinction by joining the Conservancy on Endangered Species Day for the film presentation of *Never Cry Wolf* **DATE POSTPONED**. Part of the Conservancy's "Beauty of Nature Film Series," *Never Cry Wolf* is the story of a research scientist sent to the desolate Canadian tundra to find out whether the local wolf population is responsible for decimating Canada's caribou herds. He manages to establish an observation post and, while braving the harsh climate, begins to study a family of wolves, as well as the caribou. He eventually determines that the greatest danger to the caribou doesn't move on four legs. Based on Farley Mowat's book by the same name, the story has been credited with dramatically changing the negative perception of wolves. Tickets will be \$10. Youth Free.



## Work in Progress: Abalone Cove Restoration

You may notice interesting activity at Abalone Cove Reserve. The Conservancy is engaged in a three-year habitat restoration project that involves planting 13 acres of coastal sage scrub habitat which will support an array of species, including the federally-endangered California gnatcatcher and El Segundo blue butterfly. Activities will include preparing and planting native plants, repairing trails and installing interpretive signage.



Cal Poly Pomona students clear invasive weeds at Abalone Cove Reserve

Removal of invasive plant species began in February and will be followed by irrigation installation.

Native coastal sage scrub, mulefat scrub and cactus scrub plant communities will support threatened

California gnatcatchers and Coastal cactus wrens. Expansion of butterfly host plants rattlepod and sea-cliff buckwheat will support the federally-endangered El Segundo blue butterfly and Palos Verdes blue butterfly. Grants received to date to support this project total over \$480,000. All Outdoor Volunteer Days are **postponed** until further notice.



Photo Eva Cicoria

*Native lupines blooming during winter at Abalone Cove*

### *Milestone Natural Community Conservation Plan is Adopted by RPV City Council, continued from page 1*

coastal sage scrub, cactus and grassland vegetation communities. As the owner of most of the land, the city is responsible for managing public use and safety and maintenance tasks such as graffiti removal and fire fuel abatement.

Stressing the importance of the NCCP/HCP for conservation land management, Executive Director Adrienne Mohan explained, "The adoption of the NCCP/HCP and the associated conservation easements will ensure protection of the Nature Preserve in perpetuity for the benefit of species and people. If a species is lost, it's lost forever—and they rely on the last remaining native habitats in the canyons and hills around the Peninsula. Healthy, living plant communities like coastal sage scrub provide a range of natural benefits, from filtering and purifying air and water to building soils, stabilizing landscapes, absorbing carbon dioxide, buffering against floods and high winds and, in various other ways, contributing to human well-being. Coastal sage and cactus

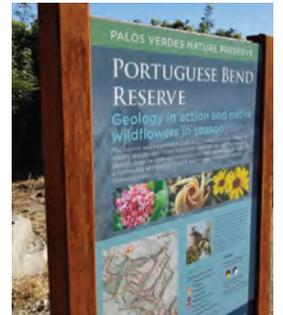


habitats are also necessary for the survival of the protected species listed in the NCCP/HCP."

Without this NCCP/HCP in place, the city and private property owners who desire to develop projects on natural lands would be required to seek special permits for each individual project. The significant staff time, monitoring and oversight for each proposed project would be vastly more expensive and time consuming without the benefit of the NCCP/HCP and the associated permit from the wildlife agencies.

The NCCP/HCP permit term is 50 years, although the conservation easements that protect the 1,400-acre Palos Verdes Nature Preserve

and its ecosystems are permanent and will be regularly monitored to ensure they remain in compliance with the conservation easement's terms. Speaking at the meeting, Mayor Pro Tem Eric Alegria said, "I fully support the adoption of the Rancho Palos Verdes NCCP/HCP. The cost of inaction is way too high and puts at risk the generous community contributions and public grants that secured the preservation of the land forever. I am so pleased that my four kids and their children will get to enjoy the benefits of land we are preserving through the adoption of this plan."



*(L to R) Conservancy Founder Bill Ailor, former Board President Allen Franz, Executive Director Adrienne Mohan and City of RPV Mayor John Cruikshank toast the formal adoption of the NCCP/HCP*

on this highly-flammable and invasive species. With generous support from the Tyler Foundation and other private donors, four college students were trained by Conservancy staff to use the ESRI Collector for ArcGIS Mobile Application (App) on their own cell phones to map where invasive species like acacia occur in the Preserve. The app analyzes all types of data using spatial location and then organizes layers of information into visualizations using maps and 3D scenes to provide a useful visual overview to identify patterns. The student-collected data was used by the Conservancy to develop an effective, prioritized removal plan for clearing some 56 acres of acacia between November 2019 and February 2020. The students are now conducting bird surveys and photo-point monitoring to evaluate recovery of native plants and to monitor any emerging acacia seedlings in order to prevent plants from reestablishing populations in restored areas.



*Room & Board helps to bring acacia branches to the LA Zoo as food to animals like giraffes, elephants, rhinos and others*

In the sky above the Palos Verdes Nature Preserve, seven California State University Long Beach students in the Masters of Science GIS Program are working with the Conservancy to map vegetation. Through a special research permit, the Conservancy deployed a drone and are using remote sensing technology and spectral satellite imagery to analyze types of vegetation and create models to identify fire-prone areas and prioritize locations for future acacia removal.



*CSULB GIS student Nathan Saltz launching a specially-permitted monitoring drone*

The Conservancy's Wildlife Tracking and Cactus Wren Monitoring programs and a new Palos Verdes blue butterfly host plant phenology research study are using the mobile app Survey123 for ArcGIS. This online platform facilitates the collection of custom survey data and uploads data immediately to the cloud. The new app technology is enhancing the work of the community science

programs in the field where there is little or no cell service, streamlining the data collection work of many interns and volunteers while also reducing errors and the time needed for analysis.

Survey123 and Collector for ArcGIS are customized for Conservancy projects and then uploaded to participants' smartphones. These apps sync with the cloud-based ArcGIS Online site to enable the Conservancy to monitor endangered species, conservation easements, restoration work, invasive species removal, trail repair efforts and more in real time.

By utilizing the latest emerging technologies, community scientists with the Conservancy can directly and efficiently expand the understanding of plant and wildlife species on the preserves. These technologies will revolutionize and accelerate restoration activities to support imperiled wildlife populations and help the Conservancy make informed and timely decisions regarding future conservation needs.



*CSULB students Michael Hakimi and Tammy Nguyen monitoring near Ocean Trails Estates*



## CA Native Plant Society Names Conservation Director Cris Sarabia as Statewide President

In January, the California Native Plant Society (CNPS) selected Conservation Director Cris Sarabia as President of the Board of Directors. Cris joined the Conservancy in 2009 and has served as Conservation Director for one year. In this position, he oversees Stewardship Program staff and conservation projects, including habitat restoration, species protection and management of the Preserves and open spaces. His knowledge and dedication to promoting and protecting native plants make him an asset to the Conservancy and in his new CNPS leadership role. Congratulations, Cris!

## New Nature Club for Families

The Conservancy recently introduced a new program for families with children to connect with nature. The new Nature Club for Families has hands-on, experiential nature activities for children of all ages. According to Education Director Connie Smith, “The new Nature Club for Families



combines artistic endeavors, scientific inquiry, nature center exploration, model building, planting and exploring the preserves.” The Club’s first event attracted nearly 100 participants who explored the themes of ‘Native Trees’ and ‘Tracking Wildlife on the Peninsula.’ Club events are **POSTPONED**. When they resume they will be held at the White Point Nature Education Center (1st Wednesdays) and George F Canyon Nature Center (2nd Sundays). It will be a great opportunity to meet other families who share a love of nature, enjoy hands-on learning and support children’s early introduction to scientific concepts.



## AmeriCorps Contributes to Restoration

The Conservancy recently welcomed the Team Green Four from the AmeriCorps National Civilian Community Corps (NCCC). The AmeriCorps NCCC is a team-based national community service program. Members from around the country who range from 18-24 years old who are deployed in teams to address critical needs related to natural and other disasters, infrastructure improvement, environmental stewardship, conservation and urban and rural development.



Emily Weil (18 yrs, OH) clears a large area of acacia

The eight team members from Massachusetts, Michigan, Ohio, Wisconsin, Florida, Oklahoma and Colorado are working with the Conservancy for 13 weeks. They are assisting with many different restoration tasks, including removing invasive species like acacia; planting over 700 native host plants for Palos Verdes blue butterfly habitat at the Linden H. Chandler Preserve; working alongside volunteers at Outdoor Volunteer Days such as the Martin Luther King, Jr., Day of Service; and helping in the native plant nursery. “AmeriCorps is helping us accomplish

much more than our typical work load during the 13 weeks they are working with us, and we greatly benefit from their help throughout all of our programs and projects,” said Conservation Director Cris Sarabia.

Each team member has also had an internship opportunity to learn about either communications and volunteer outreach, education outreach or wildlife monitoring, nursery work or trail building. “My team and I are so lucky to have the opportunity to be doing such impactful work to preserve a beautiful place like the Palos Verdes Peninsula. Not only are the sites here incredible, but so are the people we have encountered,” said 18-year-old Ohio AmeriCorps volunteer Emily Weil.



BEFORE



AFTER

*With a near record dry winter, AmeriCorps is helping reduce fire-prone vegetation on the preserves*

## IN HONOR

*Your celebration and remembrance gifts create a lasting tribute to friends and loved ones by helping to protect the beauty and character of the Palos Verdes Peninsula.*

### Remembering

Sigrid Allman given by Barbara Demming Lurie and Mark Lurie M.D.

Claire Berkowitz given by Elaine and Bernie Mendes

Kimberly Whitlow Candido given by Bruce Whitlow

Dave Clum given by Marie Clum-La Force and Don La Force

Diana Park given by Noel Park

Beatrice Rasof given by Henry Rasof

Dolores H. McGrath given by Jewel Scallon

Betty Strauss given by Mary Sheridan

Beverly Wiehe given by Joan and Joseph Montgomery

### Celebrating

Lynn Abelson given by Linda Salzman

Connor Chang given by David and Carol Roelen

Becky Cool given by Sara Jennings, Donita Smith, Allan, Karen and Kassie White, and Kathy Wilson

Leslie Cortez given by Laura Lohnes

Maggie Galbraith given by Thomas Galbraith and Edna Bay

Daniel, Veronika and Malana Hoover given by David Pilon and Ann Stone

Elizabeth Lenkeit given by Rebecca Cicoria

Thea Lohnes and Matt Mikolajczyk given by Luke and Laura Lohnes

Marli Moore given by David and Phyllis Cannom

Sharon Polack given by Berta Seltzer

David Roelen given by Carol Roelen

Dorothy Teja given by Tamiza Teja

Bria and Catalina Biesman-Simons given by Susan Wilcox

Anthony Vuoso given by Nina Vuoso

If you would like to make a donation in remembrance or celebration, please call Laura Lohnes, Development Associate at (310) 541-7613 x206.



Cassidy Bradley (24 yrs, MA) and Katrina Gallegos (22 yrs, CO) removing invasive mustard

## Volunteer Profile: Cooper Powers



*Cooper planting rattlepod at the Chandler Preserve*

Cooper Powers, a 17-year-old junior at Chadwick High School, is playing an important role as the research assistant of a new phenology project with the Conservancy. The study covers the cyclical and seasonal life cycles of the only two host plants on which the PV blue butterfly depends. Cooper observes plant cycles, takes measurements, establishes photo monitoring points and uploads the data through a mobile app to determine exact blooming cycles relative to current climate variations. While Cooper works on this study, he also works as a Team Leader on outdoor volunteer days, overseeing removal of invasive species and installing new native plants. Since

the end of his freshman year of high school, he has provided over 100 volunteer hours to the Conservancy. "I want to create a legacy through this work that will contribute to the re-establishment of a unique species in my hometown, then go on to study environmental science in order to make an even bigger difference wherever needed," he said. Cooper is working alongside Conservancy biologist Austin Parker who said, "During this 50th anniversary year of Earth Day, it is especially important to celebrate a young person who is gaining applied conservation skills in the field and preparing himself for a future addressing emerging environmental issues."

*Partners Each Contribute to the Reintroduction of the Palos Verdes Blue Butterfly, continued from page 1*



*Close up of a PV blue butterfly*

with a grant of \$10,000. Between October and January, volunteers with the Conservancy Adopt-a-Plot program organized numerous work days devoted to creating butterfly habitat. They planted 700 deerweed and rattlepod plants at the Linden H. Chandler Preserve in Rolling Hills Estates. Working individually or in groups, Adopt-a-Plot volunteers for

the PV blue butterfly habitat included Sam Fearer, Torrance High's Ecology Club and the PV/South Bay Audubon Youth Environmental Service (YES) Club (which also provided a grant). Conservancy field crew and a team of AmeriCorps volunteers installed an additional 700 plants.

In addition to cultivating plants and creating habitat necessary for the butterfly's survival, Conservancy staff and volunteers annually monitor the species habitat. In 2019, the Conservancy launched a long-term data-collection program to inform Conservancy partners on the optimal timing for future releases in each habitat area.

If helping create habitat for the PV blue butterfly sounds interesting to you, a group of friends or your family, please visit the Adopt-a-Plot Program section on the conservancy's website or contact Megan Wolff at [mwolff@pvplc.org](mailto:mwolff@pvplc.org) or (310) 541-7613, x208.



*Captive-reared PV blue butterfly being released into the wild*

## Wishing Two Dedicated Leaders a Fond Farewell

Joining the Board in 2003, Henry Jurgens became the Conservancy's President in 2006. During his four years in the position, Henry oversaw the growth of restoration and education programs, staff and budget. He also provided leadership in negotiation and fundraising efforts that led to the 2009 acquisition of the 191-acre Filiorum parcel, completing the Palos Verdes Nature Preserve. Henry continued his involvement with the Conservancy, co-chairing the 25th Anniversary Event and recently retired as a 20-year member of the Audit and Finance Committees.

Dr. Cassie Jones served on the Board of Directors for eight years and was President from 2016



*Henry is a dedicated Conservancy Education Docent*

to 2018. Cassie is the founder and owner of Point Vicente Animal Hospital. She helped with the acquisition of 15 acres of land added to the George F Canyon Nature Preserve and also oversaw a new signage program installed in partnership with the City of RPV for the 11 reserves that comprise the Palos Verdes Nature Preserve. The signs include trail maps, interpretive signage and regulatory information. According to Cassie, "The Conservancy's work is much more than simply land preservation. It is also the nurturing and stewardship of the plants and creatures that live in this open space. We



*Cassie cared for a baby from the weeding herd*

are literally planting seeds for growth and all the hope for the future that goes with them."

We would like to express our heartfelt gratitude to Henry and Cassie for their service and look forward to their continued support.



preserving land and restoring habitat for the education and enjoyment of all

## special events

## ALL EVENTS POSTPONED

march to september

### Mar 14 nature walk

**Linden H. Chandler Preserve 9:00am** Enjoy this impressively-restored 28-acre preserve with its lush habitat that is home to the rare PV blue butterfly with a PV Art Center photographer available for photo tips as part of the Habitat CA Exhibit. Moderate.

### Mar 27 nature & me storytime

**George F Canyon Nature Center 9:30am** Share the joy of reading with your children and introduce them to the beauty of our natural surroundings. For ages 2-5 years.

### Apr 11 nature walk

**Forrestal Reserve 9:00am** Appreciate some of the best wildflower viewing and dramatic geological formations on the cliffs of this former basalt quarry. Moderate to strenuous.

### Apr 11 team leader training

**White Point Nature Preserve 9:00am - noon** Be a leader! Help lead Outdoor Volunteer Days! Must have participated in two volunteer events. 16 yrs+  
Sign up: [pvplc.volunteerhub.com](http://pvplc.volunteerhub.com)

### Apr 19 earth day film screening - *Fantastic Fungi*

**Warner Grand Theatre 5:00pm** Consciousness-shifting film about the magical world beneath our feet that can heal and save our planet. Directed by Louie Schwartzberg.

### Apr 25 earth day outdoor volunteer day

**White Point Nature Preserve 9:00am - noon** Volunteers help beautify the Preserve and enjoy family activities including a guided nature walk, nature-based art project, snacks from Starbucks. All volunteers are entered into a raffle with great prizes.  
Sign up at: [pvplc.volunteerhub.com](http://pvplc.volunteerhub.com)

### May 9 nature walk

**Alta Vicente Reserve 9:00am** Explore the 22-acre restoration site with cactus wren and gnatcatcher habitat and beautiful views of Catalina Island. Moderate.

### May 17 beauty of nature film series - *Never Cry Wolf*

**Warner Grand Theatre 5:00pm** Celebrate Endangered Species Day with the film presentation of *Never Cry Wolf* the story of a lone researcher who demystifies misconceptions about the behavior of wolves. Cost \$10. Youth free. For other dates and tickets: [pvplc.org](http://pvplc.org), Events & Activities

### Jun 5 nature & me storytime

**George F Canyon Nature Center 9:30am** Share the joy of reading with your children and introduce them to the beauty of our natural surroundings. For ages 2-5 years.

### Jun 6 national trails day

**Abalone Cove Reserve 9:00am** Help repair trails and maintain natural landscapes on the Preserve in honor of our national trails. Sign up at: [pvplc.volunteerhub.com](http://pvplc.volunteerhub.com).

### Jun 7 greeters training

**Conservancy Office 10:00am - noon** Attend this one-day orientation that will prepare you to help us reach out to our local community! No experience needed.  
Sign up at: [pvplc.volunteerhub.com](http://pvplc.volunteerhub.com).

### Jun 13 nature walk

**White Point Preserve 9:00am** View restored coastal sage scrub habitat and colorful wildflowers in bloom. Rated Easy to Moderate.

### Jun 14 butterflies and bagels

**George F Canyon Preserve 10:30am** A family-friendly morning of art projects, storytelling, music and butterfly-spotting. Free. Reservations required at: [pvplc.org](http://pvplc.org)

### Jul 3, 31, Aug 28 full moon hike

**George F Canyon Preserve Times Vary** Venture to the top of the canyon on a two-mile round-trip hike to view nature's nocturnal delights. Must be age 9+. \$12 per person. Reservations required at: [pvplc.org](http://pvplc.org).

### Aug 8 nature walk

**Vicente Bluffs 9:00am** Follow the bluff top from Point Vicente to Oceanfront Estates during El Segundo blue butterfly flight season in an area containing restored coastal sage scrub habitat. Easy.

### Aug 8 trail crew training

**Conservancy Office 9:00am - noon** Join our indoor intro class to trail building and maintenance followed by hands-on field training taught by a nationally-recognized trail expert. No experience needed. 18 years+.  
Sign up at: [pvplc.volunteerhub.com](http://pvplc.volunteerhub.com).

### Aug 29 music on the porch

**White Point Nature Preserve 10:30am - noon** Play or enjoy music together in the open air for this international day of music.

### Aug 30 docent orientation

**White Point Nature Preserve 10:30am** Discover the many ways you can enjoy sharing your love of nature with students and visitors. For more information, contact Ed. Program Mgr. Holly Gray at: [hgray@pvplc.org](mailto:hgray@pvplc.org)

### Sep 12 nature walk

**Ocean Trails Reserve 9:00am** Walk through impressively restored habitat on top of an ancient slide area with spectacular bluff-top ocean views.

### Sep 26 national public lands day

**White Point Nature Preserve 9:00am - noon** Celebrate our preserved lands volunteering to help restore the 102-acre preserve.

save the date

### Oct 4 palos verdes pastoral

**Terranea Resort 5:00 pm** A garden-to-table dining event featuring best of California handcrafted local foods and wines. Tickets \$250 each and sponsorships at: [pvplc.org](http://pvplc.org), Events - Special Fundraising Events

For more information visit: [pvplc.org/\\_events/calendar.asp](http://pvplc.org/_events/calendar.asp)