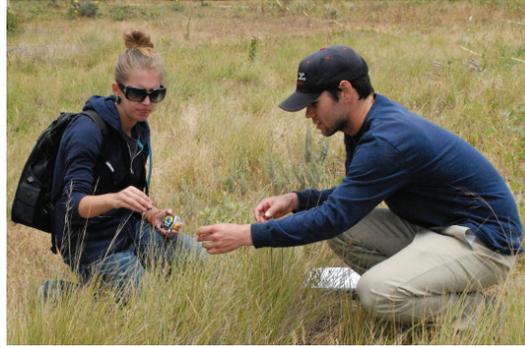


## Measuring Success of Habitat Restoration

This is the last article in a series of four about habitat restoration. We began by exploring why we restore native habitat, focusing on the ecological principles. Then we talked about the effort required behind the scenes to plan and initiate restoration projects. In our last newsletter, we described how we implement a restoration plan. In this final article we explain how we evaluate the results of our habitat restoration efforts.



CSULB student Simone Boudreau and UCSB student Harrison Kerner transect monitoring in Three Sisters Reserve

### Part 4: Measuring Success of a Habitat Restoration Project

In 2013, the Conservancy's field crews and volunteers installed over 20,030 plants at four different restoration sites. As the field crews transform the land from weed-filled into native habitat, we begin monitoring each restoration project to measure how well each meets its goals.

Monitoring takes place in spring. Stewardship staff and college interns head for the preserves carrying measuring tapes and clipboards to record data that will help in evaluating the success of the restoration.

*Continued on page 7*

## Conservancy Has Important Role to Play for Future of California Coastal Sage Scrub

by Phil Rundel, Rasoul Sharifi, and Erin Riordan

UCLA research group on the ecology and conservation of California sage scrub

The Conservancy manages ten open space reserves in Rancho Palos Verdes, which include sizable sage scrub communities. These reserves benefit, protect and conserve important habitat in order to preserve sensi-



tive plants and wildlife. The Forrestal Reserve, one of these ten reserves, provides an excellent example of diverse sage scrub habitat and is home to a number of animals and plants of special concern. These include the California gnatcatcher (*Poliophtila californica californica*) and the ocean milk vetch (*Astragalus trichopodus var. lonchus*), one of the host plants for the endangered Palos Verdes blue butterfly.

Our UCLA research group has been carrying out studies on sage scrub for a number of years, using the Forrestal Reserve as a research location and out-

*Continued on page 4*

## AmeriCorps Returns with New Faces

Twelve young adults joined the Conservancy as volunteers this fall as part of AmeriCorps National Civilian Community Corps, a team-based national service program. As the second AmeriCorps group to work with the Conservancy, this team arrived with high expectations. Members of the diverse group of 18- to 24-year-olds came from the East coast and the Midwest. For five weeks, they aided the Conservancy in a variety of projects, finishing some and beginning others. From removing invasive species to building shelves for the nursery, the motivated volunteers did everything they could to help the Conservancy restore the environment, improve the nursery and protect native

*Continued on page 5*



AmeriCorps members Cymone Gates from Louisiana and Amanda Kriner from Ohio

### NEWS ITEMS

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## A MESSAGE FROM THE PRESIDENT

It has been my pleasure to serve on the Board of Directors for almost two decades, and I am enjoying my new role now as President for the next two years. As a member of the Board, I have seen the Conservancy grow from a vision to an organization dedicated to land acquisition and, now, to the work required to restore the land we all value so much. We still have much work to do to ensure that this land remains accessible to all while preserving its unique resources for future generations.



My own love of nature began with my father, a wildlife biologist. As my family travelled and lived on two continents, I shared wilderness adventures with my father while he served as Director of the Arizona Fish and Game Department, project manager for the United Nations in Uganda and Kenya, and as a professor at Texas A & M University.

As a Board member, I have used my professional expertise as an attorney to draft the Conservancy's largest purchase and sale agreements and continue to draw upon those skills to finalize our conservation easements over the land with the City of Rancho Palos Verdes and state and federal agencies. This work has proved that many people share our vision and has given me a keen appreciation of the Conservancy's commitment to the land. As part of this commitment we will continue to foster environmental awareness through educational and recreational programs on the preserves.

I join the rest of the Conservancy's Board of Directors in thanking you for helping to build this organization over the past 25 years. As we expand our restoration work, we appreciate your past support and look forward to your continued participation to preserve land and restore habitat for the education and enjoyment of all.

Sincerely,

A handwritten signature in blue ink that reads "Bill Swank". The signature is written in a cursive, flowing style.

Bill Swank, President

## Giving to Future Generations by Susan Wilcox, Development Director



During my first eight months with the Conservancy, several supporters met with me to discuss estate plans structured to benefit the Conservancy. While we are both grateful and honored by such generous intentions, we would be particularly pleased to recognize and thank everyone who is considering an estate gift. We would be happy to help you determine how best to direct your funds and offer practical pointers for structuring an estate plan.

Making a gift that secures the future of open space for coming generations is easy and simple to do. With a range of options, estate gifts won't change your lifestyle while some plans can even pay you fixed income for the rest of your life.

If you would like to identify your goals and then determine your planning strategy, we are available to review tax advantages and provide choices for you to consider. A few popular options include:

- Life income gifts that pay you and/or other designated beneficiaries an income for life, such as charitable gift annuities and charitable remainder trusts;
- Gift of real estate, including life estates; and
- Successor beneficiary designation for retirement plans ( a wise choice since family or friends would be required to pay income tax on your retirement funds).

Please let us know if you would like any assistance regarding charitable giving. We are available to provide guidance and charitable gift planning support, customized for your goals. For more information or to schedule a private meeting, please call Development Director Susan Wilcox, (310) 541-7613 x 202 or email [swilcox@pvplc.org](mailto:swilcox@pvplc.org).

## OUR THANKS TO BRUCE BIESMAN-SIMONS

Thanks to our former President, Bruce Biesman-Simons, for his dedication and supportive leadership style over the past two years and for more than a decade as a board member. Though Bruce termed out of the Presidency on January 23, his inclusive leadership style leaves a lasting impression on the board members as well as on the Conservancy as an organization.

Leading board meetings and lively discussions on a monthly and sometimes semi-monthly basis, Bruce provided unending enthusiasm and optimism for each task. Whether meeting with consultants about future campaign goals and direction, attending two Land Trust Alliance Rallies or recognizing volunteers on the bluffs of Point Vicente, Bruce met each task with energy, an open mind and a clear desire for inclusion and results.

In the closing four months of his tenure, Bruce met with board members to successfully lead a board challenge to increase their financial support to 100% participation. Most commitments surpassed past years' to provide 50% more resources to the Conservancy. The success of his work says it all: leading by example is the most persuasive and lasting legacy!





## OPEN SPACES

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

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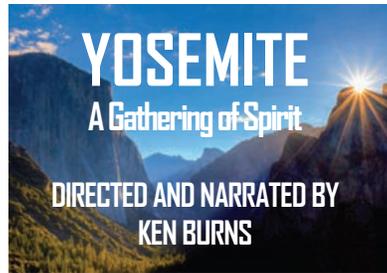
### George F Canyon Nature Center White Point Nature Education Center

Loretta Rose, GFC Manager/Naturalist  
Holly Gray, Naturalist  
Kelly Grkinich, Naturalist  
Neil Uelman, Naturalist

PALOS VERDES PENINSULA  
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Email: [info@pvplc.org](mailto:info@pvplc.org)  
Website: [WWW.PVPLC.ORG](http://WWW.PVPLC.ORG)

## New Film Series Highlights Nature



Join us to celebrate wild places with our first film and lecture series, "The Beauty of Nature."

The series starts April 5 with the opening film, *Yosemite*, directed and narrated by the famous documentarian Ken Burns. *Yosemite* celebrates the passion and vision of pioneering environmentalists like John Muir, who provided an example to future conservationists over 150 years ago when they helped establish one of our nation's most valuable natural resources, the national parks. Their work inspired others, like our own peninsula's community leaders and elected officials, to dedicate themselves to land preservation and conservation. Showing on the big screen in San Pedro's historic Warner Grand Theatre on Saturday, April 5 at 4:30 pm, the film will showcase the beauty of one of America's most treasured wild places. Tickets are free for those under 18 years and \$10 for adults. Proceeds benefit our restoration work. Series tickets, including reserved seating for one at each film are \$25. Purchase online at [http://www.pvplc.org/\\_activities/filmseries.asp](http://www.pvplc.org/_activities/filmseries.asp)

Other films in the series include *More Than Honey* (importance of bees in agriculture and nature), *Riding Giants* (surfing over the decades in California and Hawaii), *Chasing Ice* (melting glaciers and climate data collection), and *Kon-Tiki* (a balsa-wood raft sails wide oceans).

Lectures in the series will be presented by Professor Emeritus Robert Douglas, USC Dornsife Department of Earth Sciences. Douglas has served as Chairman, Board of Directors, Abalone Cove Landslide Abatement District and has gathered data on the Portuguese Bend landslide for over three decades. While there is no charge for these lectures, we recommend attendees familiarize themselves with the subject matter by reading his book, (see article on page 6), available for \$20 online at: [http://www.pvplc.org/\\_contribute/shop](http://www.pvplc.org/_contribute/shop)



Early Yosemite enthusiasts

## Donors Recognized at Del Cerro Park

When you visit Del Cerro Park during the early days of summer 2014, please stop by the engraved low-wall area to celebrate the new names that will be added in the next few months. The wall honors and thanks our most loyal



supporters for Legacy Circle gifts in 2011/12/13. Here is a preview of the donors scheduled for inclusion. Please contact Development Director Susan Wilcox at (310) 541-7613, x202 or [swilcox@pvplc.org](mailto:swilcox@pvplc.org) if you have questions and/or corrections.

Bill and Barbara Ailor  
Mark and Pat Benjamin  
Bruce Biesman-Simons and Hale Field  
Virginia Cicoria  
Rebecca M. Cool  
Bob and Joyce Daniels  
Amy Friend  
Allen and Charlotte Ginsburg  
George and Barbara Gleghorn  
Arthur and Jeanne Hadley  
Reed and Nan Harman  
Patricia Horan  
Cassie Jones and Lewis Enstedt  
James and Eileen Joyce  
Allen and Dorothy Lay  
Amanda, Brittany, Victoria Link

Richard and Melanie Lundquist  
Major Family Foundation  
Mary K. Porter  
Robert and Barbara Morel  
Noel Park  
Joe and Kathy Platnick  
Nina Ritter  
Rowena Yarak Schaber  
George and Dee Schuler  
Jack and Anne Smith  
Smith-Welsh Foundation  
Sue and Steve Soldoff  
John Spielman  
Don and Martha Tuffli  
Pamela and Doug Westhoff

## Volunteer Trail Watch Training

Our Volunteer Trail Watch got off to a great start in 2013, with 25 participants in attendance at our first training last summer. During the fall, dedicated trail watch volunteers visited the Preserve, observed people not following Preserve rules, and educated visitors about Palos Verdes Nature Preserve etiquette and how to be a good trail user. Their presence in the Preserve has helped inform the rangers about types, locations, and times of certain damaging activities.

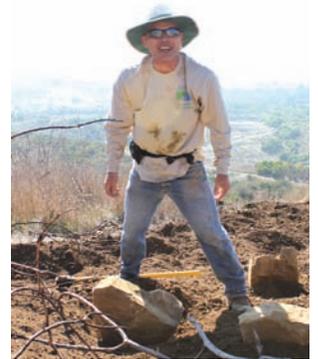
A second training session is scheduled for February 22, March 15 and March 29, 2014. Topics covered during the training include information about the Preserve, natural history, Preserve rules, trail safety and emergency scenario practice. For more information or to join, please contact Volunteer Trail Watch Coordinator Barb Ailor at [barbailor@gmail.com](mailto:barbailor@gmail.com)



Volunteer Trail Watch (VTW) Coordinator Barb Ailor (front left) receiving flowers and thanks from Barbara Gleghorn on behalf of the first group of VTW graduates at the Volunteer Picnic

## Social Trails Not “Friendly” for Habitat

While out enjoying the Palos Verdes Nature Preserve, you may see some trails that are not marked with signs. For instance, a steep trail veers from the lookout at the top of Portuguese Bend Reserve down to Burma Road Trail along a precarious ridge line. This and several other “social trails” fragment native habitat and degrade natural resources. They also pose potential risk to users. Conservancy staff and volunteers close such spur trails with branches and native plantings or post-and-cable fences to help visitors stay on authorized trails. You can help improve the quality of the Preserve trails by reporting off-trail and unauthorized trail use through the Ranger Hotline, (310) 491-5775, or by joining the volunteer Trail Crew or Volunteer Trail Watch programs. For more information, please visit: [www.pvplc.org/\\_volunteer](http://www.pvplc.org/_volunteer)



Trail crew member David Sakai working on Isibashi Trail in the Portuguese Bend Reserve

*Continued from Sage Scrub page 1*

door lab for students from K-12 students through college. This outreach program helps participants learn about the significance of plant and animal communities in this unique habitat and helps to promote greater appreciation for the importance of protecting this endangered ecosystem.

As one of the most threatened vegetation types in Southern California, coastal sage scrub continues to face widespread loss, fragmentation and degradation from land development, urbanization, changes in fire



UCLA Professor Rasoul Sharifi with Conservancy student researcher measuring Coastal scrub in Forrester Reserve

regime, invasive plant species, and air pollution over the past century. Today, sage scrub covers only a small fraction of its original habitat. Because of this, many plant and animal species associated with sage scrub are categorized as sensitive, rare, threatened, or endangered, and these species face an uncertain future in Southern California.

Complicating predictions about the future of sage scrub communities in Southern California, global climate change and human population growth continue to increase. By the end of the 21st century, scientists expect that the climate of Southern California will change substantially, as temperatures rise and droughts increase in frequency and severity. A rapidly warming and drying climate this century could cause sage scrub communities to shift their ranges to more favorable climates, disappear from their existing range, decline in diversity as individual species are lost, or be overtaken by weedy non-native species. At the same time, increasing human populations and associated land-use changes will cause additional loss of wildlands.

Incorporating scenarios of future environmental change into conservation and resource management is challenging but increasingly important. Evidence of the significant ecological impacts of climate change are already becoming evident in California, providing new data to help environmental scientists and climatologists to better predict potential ecological impacts as the climate continues to warm and dry into the future. By the end of the century, our climate modeling studies predict that dominant sage scrub species will lose considerable habitat in Southern California due to climate change, with many species losing a third or more of their present habitat range. These predictions are of great concern given the diversity of threatened and endangered species associated with sage scrub in Southern California.

With these threats in mind, it will become increasingly critical to preserve existing stands of sage scrub and restore sage scrub habitat in the future. The Conservancy has an important role to play in these conservation efforts.

## Spotlight: Volunteer Brent Morgan

You could say I'm a product of coastal California. I was born in Berkeley, grew up in Santa Barbara, and went to college in San Diego. Being a native myself, I took a special interest in learning about our state's native plants.

Because I'm fairly new to Rancho Palos Verdes, I began noticing its local natives not long after I'd arrived here. Online at Calflora one night, I noticed a link to the Conservancy, clicked through and requested information about ways to be involved. I was pleased to receive an email reply from Conservation Director Danielle LeFer about volunteering for restoration projects.

Danielle and I corresponded via email several times and she offered to meet me and review a pilot project at Agua Amarga Reserve to do some preliminary work. I guess she thought I did good work because she then assigned the canyon to me under the "adopt-a-plot" program. My family refers to it as MY canyon! So I go into Agua Amarga Reserve on my own schedule. Danielle orients me to the issues. I've been focusing on a Euphorbia infestation, monitoring the seedlings and also watching out for the invasive pampas grass growing in the canyon. With my background on native plants, I quickly understood how to work on her identified priorities. I work in the aerospace industry and I particularly love the outdoors as an antidote to my job. I'm also hoping it will inspire my son, who is a Boy Scout.

When I head out to the canyon, I pack work gloves, water and tools of different kinds. It's beautiful to be working out there on my own. I pull weeds for an easy day, or dig up giant pampas grass if I want a good workout. Because the work can be scaled to high energy or very easy tasks, almost anyone can find useful ways to contribute. For information about volunteering, visit: [WWW.PVPLC.ORG](http://WWW.PVPLC.ORG).



*Continued from AmeriCorps page 1*

species.

To broaden their experience and help them learn about specific areas of conservation, the twelve volunteers were divided into four teams, with specific duties. A team of four worked with the nursery to build a drip irrigation system to grow out native bunch grasses for seed, built shelving reusing materials around the nursery and renovated plant enclosures. During the mornings, a smaller group hiked along the many trails maintained by the Conservancy to track animal movements. The remaining two teams focused on outreach and education, working with the local community and schools to raise awareness of the Conservancy's efforts to preserve the area's ecosystem.



*AmeriCorps member Cymone Gates (Louisiana) and Stewardship Associate Ann Dalkey*



*AmeriCorps member Ryan Hicks (Maryland)*

Although the AmeriCorps members arrived with little knowledge of the area and its ecological challenges, over the course of just a few weeks they became practical experts about the flora and fauna, the history of the land and the Conservancy's vision. Those already interested in ecology added more experience, while others discovered for the first time how wonderful the natural world can be. After planting acres of new native species, the team learned that they could make an enormous difference in a short time. The experience added to their motivation and belief in their future endeavors.

Here's what the Corps members had to say about their time with the Conservancy:

Michelle Tarian, 24, Ohio: "I feel like we

worked really well with the staff. They taught us about the environment and we were able to help them with their projects."

Ryan Hicks, 23, Maryland: "I enjoyed the variety of work and getting to know the awesome staff, volunteers and supporters."

Krissy Mahon, 23, New York: "I loved working outside and learning about habitat restoration in the many different environments."

Jordan Harris, 23, Illinois: "I enjoyed seeing the ecosystem change and I liked the work we did to improve the infrastructure in order to help upgrade the capacity of the nursery."



*AmeriCorps member Michelle Tarian (Ohio)*

## New Conservancy Publications in 2014

### Native Wildflowers of the Palos Verdes Peninsula

by Ann Dalkey and Yvetta Williams



We wrote this book for everyone who hikes and enjoys nature. Both of us share a passion for wildflowers as well as a desire to increase readers' understanding and appreciation of our local flora. A career marine biologist, Ann is conversant in scientific names and the technical requirements of describing various species. Yvetta, who grew up and still lives on the Palos Verdes Peninsula, possesses a naturalist's knowledge of native plants, along with knowledge of how the Native Americans used them.

Our collaboration has resulted in a guidebook featuring 270 photographs of 81 native plants and 9 invasive, non-native plants. The text is divided into three sections: Distinctive Characteristics, Flowering Season and Habitat, and Botanical Bits. Our favorite section, Botanical Bits, tells something special about each species to help remember the plant. We used color categories for easy searches and many images include birds or insects to remind us how important native plants are to the ecosystem.

Writing this book was both a labor of love and a learning experience. Who knew that purple clarkia was named after William Clark of the Lewis and Clark Expedition? We hope you will enjoy such discoveries using the guidebook.

The publications each cost \$20 and both are available at our two nature centers (George F Canyon and White Point), the Conservancy's office or online at [www.pvplc.org/\\_contribute/shop](http://www.pvplc.org/_contribute/shop).

### The Creepy (Slow Moving) Landslides of the Portuguese Bend Area

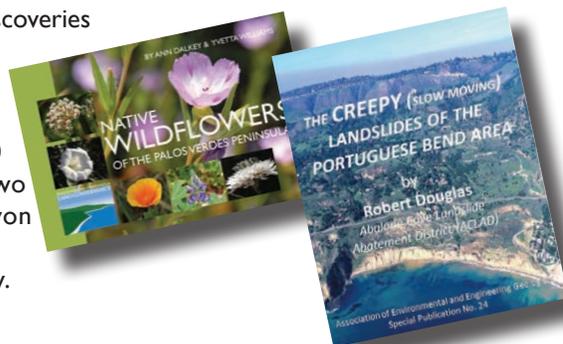
by Robert Douglas

While the title may sound like a horror film, it in fact describes a real earth phenomenon that has plagued property owners, the County of Los Angeles and City of Rancho Palos Verdes for more than half a century. The Portuguese Bend Landslide has the dubious distinction of being the largest and oldest continuously moving slide in the U.S.

Over the years, geoscientists, engineers, consultants and students have investigated the land movement and issued numerous technical reports. At Landslide Workshops convened by RPV and Conservancy-sponsored walks, I learned many people wanted to know more about the landslide. However, there was a lack of complete and accurate information available. So I began summarizing the many reports, including research I conducted for the Abalone Cove Landslide Abatement District, to create a comprehensive, but largely nontechnical description of the landslides. It includes geological context, causes, rates of motion and future possibilities.

Growing up on the peninsula, my brothers and I rode our horses over the hill to the Portuguese Bend Club. I could never have imagined that one day, I would write a book about the landslide that would destroy the club and surrounding homes.

As a member of the Earth Science faculty at USC from 1974-2007 and the Conservancy's Science Advisory Panel, I shared my love of geology with students. Now I'm pleased to be able to share my knowledge with you.



## Peninsula Organizations Spotlight Nature Deficit Disorder



Children enjoy outdoor volunteering

Richard Louv's *The Nature Principle: Human Restoration and the End of the Nature-Deficit Disorder* has been named the featured title for 2014's One Book, One Peninsula program. Louv gained prominence as author of the national bestseller *Last Child in the Woods: Saving Our Children from the Nature-Deficit Disorder*. The event is presented by the Palos Verdes Library District in partnership with the Conservancy, the Peninsula Friends of the Library, PV Art Center, and Marymount California University.

Louv's newest book shows us how tapping into the restorative powers of the natural world can boost mental acuity and creativity; promote health and wellness; inspire smarter and more sustainable businesses, communities, and economies; and ultimately strengthen human bonds.

"Louv's new book is a refreshingly personal and eloquent case for building nature-smart communities that will not only protect the diversity of life on the planet, but also sustain our communities and ourselves," says President of the National Audubon Society David Yarnold.

"I'm excited to be a part of this year's program," said Conservancy Education Director Siegrun Storer. "The book and events will be engaging and inspiring. We are fortunate to have open space to fulfill our need for nature close to home." The author lecture on September 27 is open to the public. For updates on this and other related activities throughout the year, visit [WWW.PVPLC.ORG](http://WWW.PVPLC.ORG).

## Community Partners: Plaza Automotive

Look around just about any event in San Pedro and you will spot Mitch Harmatz, owner of Plaza Automotive Center in San Pedro. Either he will be talking with people about new fundraising ideas or receiving recognition for support he has provided over the past year. The Conservancy is one of the lucky partners benefiting from Mitch's commitment to the Peninsula. His support is helping to make the goals of the Conservancy a reality.



Mitch Harmatz and Stewardship Manager Cris Sarabia

"Doing good is good business," says Mitch. He sponsored the Palos Verdes Pastoral Garden-to-Table Dining Experience for the past two years as well as the 2013 White Point Home Tour. He also services our hardworking field trucks. Most recently, he created a small native plant demonstration plot on Western Avenue with educational signage about local drought tolerant plants. For Mitch, such support is key to serving as a resource for the community. Through promotion of the Conservancy, Mitch is letting the public know about local conservation efforts, nature activities, volunteer opportunities and native plant sales at White Point Nature Preserve. For more information on plant sales, visit: [WWW.PVPLC.ORG](http://WWW.PVPLC.ORG). And don't forget to thank Mitch for his support the next time you see him!

*Continued from Measuring page 1*

The three methods of monitoring include:

1. We establish transects with a 50-meter tape measure, then identify the species and measure the heights of plants growing at each meter along the transect boundary. The resulting data provide a measure of plant diversity (number of species) and plant density (number of plants in the area).
2. We evaluate the overall plant composition at each site by estimating the amount of ground covered by each species to describe all plants at the site as well as their relative proportions within the habitat.
3. Finally, we collect photographs at each site to show physical changes over time.



Stewardship Associate Adrienne Mohan carefully measures a transect at Three Sisters Reserve

We measure our success by comparing the monitoring findings with the restoration plan goals. Typically, goals specify a target percentage cover of native plants. For example, our goal for Palos Verdes blue butterfly habitat is to create 10% cover of deerweed with 30-60% cover of other native plants. Restoration for the California gnatcatcher requires a plant mix dominated by California sagebrush with a 20-60% cover.

Because it takes a few years for the newly installed plants to grow to their full size, we monitor the sites for five years. During this time, the monitoring data enable us to adaptively manage our restoration projects. Often we will add more plants. This fall, Conservancy staff and volunteers added 1,958 more plants at our restoration sites.

The presence of native wildlife is the most important sign of a successful restoration project. At the 2009 Alta Vicente restoration, we were delighted to discover that California gnatcatchers had begun nesting in the restored habitat. At Chandler Preserve, Palos Verdes blue butterflies were reintroduced to the wild after the 2008 restoration project, and wild butterflies were observed there the next year.

The Conservancy is dedicated to creating quality restoration. This requires a good understanding of habitat needs in the preserves, effective collaboration with our partners, and a highly trained Stewardship staff and field crew. As a result, the Conservancy enjoys a good reputation among restoration partners, making it possible to secure additional funds from grant sources for additional restoration work. Thanks to Conservancy supporters and volunteers, we have been able to restore over 170 acres of habitat since 1988. In the future, visitors to the preserves can enjoy ever-expanding numbers of native plants and animals throughout the year.

## 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

**Gary Amo** given by Dick Bara  
**Patrick Cadwallader** given by Karen White, Donita Smith & Becky Cool  
**Michael Cicoria** given by Virginia Cicoria, Eva Cicoria and Ken Swenson  
**Doris Goodale** given by Becky Cool  
**Sophie Henke** given by V'Etta and Robert Virtue  
**Mary Horta** given by Arthur and Irene Almeida  
**Lois K. Larue and Bill Millar** given by Rosellen Trunnell  
**Diana Park** given by Noel Park  
**Cynthia Schrier** given by Dr. Mel Schrier  
**Warren Schwarzmann** given by June Schwarzmann  
**Mr. and Mrs. Servadei** given by Sandra Servadei London  
**Yoshito Tozaki** given by Kelly and Barbara Chan  
**Richard and Frances Yarber** given by Diana Innes

### Celebrating

**G.S. Ackerman, Jr.** given by George and Patricia Ackerman  
**Becky Cool** given by Kathy Wilson, Allan and Karen White and Sara Jennings  
**Andre'e Siu & Russ Johnson** given by Elizabeth M. Robinson  
**Kaela** given by Regina O'Melvenye  
**Leland and Reid** given by Bertina Vona  
**Dorothea Liebich** given by Stevie Beitscher  
**Mr. & Mrs. D.W. Raaka and Carl Raaka** given by Elizabeth M. Robinson  
**Brian Rumble** given by Casie Rumble  
**Mrs. Steinberg, David, Daniel, Anna & Katharina** given by Elizabeth M. Robinson  
**The Bad Girls Book Club** given by Barbara and John Dye  
**The Epstein Family** given by Barbara Epstein  
**The PVPLC Staff and Board** given by Bruce Biesman-Simons and Hale Field  
**Grace Wallace** given by Stacey Wallace

If you would like to make a donation in remembrance or celebration, please call Mary Lopes, Donor Relations at (310) 541-7613 x206.

## Nature Walks are Loved!

Last year, the Conservancy surveyed 158 nature walk participants for feedback — with impressive results! 92% of survey participants gave us the highest rating (“I loved it”) when asked about their experience on a nature walk. They were also overwhelmingly satisfied with the amount of information presented by our volunteer Naturalists on the hikes. Three-quarters of these respondents also felt inspired to become more involved with the Conservancy. Thanks to all of our volunteer Walk Leaders for sharing their love and knowledge of the Preserves with the public.



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**NEW! Monthly Native Plant Sale - White Point Nature Preserve Every Fourth Saturday, 12 noon - 2 pm**

## UPCOMING EVENTS SPRING 2014 For a complete listing see postcard or visit website: [WWW.PVPLC.ORG](http://WWW.PVPLC.ORG)

### NATURE WALKS

#### MAR 8

##### Royal Palms

9 am - See unusual geologic formations on the coastal bluffs walking down to the shoreline while also learning more about the cultural history of the area from the abalone fishing industry of the late 1800s to the recent landslide.

#### APR 12

##### Defense Fuel Support Point

9 am - Explore one of the only endangered Palos Verdes blue butterfly habitats and view the nursery where the Conservancy grows native plants. Space limited. RSVP required by Wednesday, April 9.

### FILM SERIES: THE BEAUTY OF NATURE

#### APR 5

##### Yosemite: A Gathering of Spirit at Warner Grand Theater

4:30 pm doors open at 3:30 pm - The film by renown documentarian Ken Burns highlights the struggle more than a century ago to protect nature for our first national park, preceding our own community resolve to protect open space on the peninsula.

### SPRING IMPRESSIONS NATURE WALK & ART WORKSHOP

#### MAY 17

##### Pelican Cove to Terranea Resort

10 am - Guided nature hike and art workshop for all ages. \$25 per family. Meet at Pelican Cove Parking. (310) 541-7613 or [info@pvplc.org](mailto:info@pvplc.org)

### VOLUNTEER DAYS

#### APR 19

##### Earth Day - White Point Nature Preserve

9 am - 12 noon - Bring the whole family to celebrate the environment by helping to care for the demonstration garden and surrounding habitat and enjoy family hikes and other activities.

#### May 17

##### Big Sunday - Alta Vicente Reserve

9 am - 12 noon - Join the community by caring for newly planted habitat.

### SAVE THE DATE

### PALOS VERDES PASTORAL GARDEN-TO-TABLE DINING

#### OCT 5

##### mar'sel, Terranea Resort

6 pm - Best of California handcrafted and organic foods and wines. Tickets are limited. For sponsorship information, visit: [WWW.PVPLC.ORG/ACTIVITIES](http://WWW.PVPLC.ORG/ACTIVITIES)

Outdoor volunteer days sponsor

