



Celebrating nearly 50 years of open space preservation and more than five years of Measure AA accomplishments

VIEWS

QUARTERLY NEWS ON OPEN SPACE PRESERVATION AND PROGRAMS • SUMMER 2020

Wildland Fire Work Continues

Wildland fire does not pause for pandemics. This is why throughout the recent shelter-at-home orders, Midpen staff have continued developing our proposed Wildland Fire Resiliency Program and performing essential vegetation management for fire safety in the preserves.

The Wildland Fire Resiliency Program will proactively expand Midpen's environmentally sensitive vegetation management to promote healthy, fire-adapted ecosystems, reduce wildland fire risk and facilitate fire suppression. This spring, we held public meetings online and began the required environmental review process so that we can expand our vegetation management and fuel treatment work in early 2021.

In the meantime, our rangers and maintenance staff, who are trained as fire first responders, remain busy working to prevent and prepare for wildland fire. They maintain hundreds of miles of priority fuel breaks, fire roads and emergency evacuation routes. Rangers also carry water pumpers on their trucks during fire season and continue year-round enforcement of banned fire-risk activities in the preserves, including smoking and campfires.

Learn more about how Midpen reduces wildland fire severity and risk by managing vegetation in the preserves with a focus on ecological health, and participate in developing our new Wildland Fire Resiliency Program at openspace.org/fire. 



Tunitas Creek Open Space Preserve

Karl Kroeber

Tunitas Creek Preserve Expands to Protect Wildlife, Watersheds and Agriculture

The relatively undeveloped San Mateo County Coastside represents one of the best ways Midpen can significantly

protect remaining open space lands forever. Coastal grasslands are one of California's most biodiverse ecosystems, and preserving this habitat provides room to protect and support our native plants and wildlife. Rare fish breed in coastal streams that begin at the ridgeline and collect precious fresh water across vast watersheds on their way to the ocean.

The Coast is still largely rural with a rich agricultural heritage that Midpen's coastal mission pledges to sustain. Our community-supported Vision Plan identified viable working lands as a top priority. Tunitas Creek Open Space Preserve, located along

Highway 1 south of Half Moon Bay and north of Highway 84 near San Gregorio, is an excellent example of how working

lands contribute to the conservation goals of watershed and grassland habitat protection.

In April, the Midpen board of directors took advantage of an opportunity to significantly expand Tunitas Creek Preserve by purchasing more than 540 additional acres from our

nonprofit partner, Peninsula Open Space Trust. The property, known as Gordon Ridge, will bring the preserve to just over 2,200 contiguous acres hosting an abundance of native plants and wildlife, as well as local agriculture.

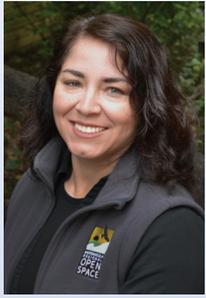
(continued on page 3)



Gordon Ridge is a working landscape

Midpen

A Message from the General Manager



When We Need it Most, Nature Helps Us Heal

As I write this, we're still in the early stages of navigating the public health emergency created by the worldwide spread of COVID-19. I am grateful for the tireless efforts of Midpen staff to keep open space accessible to the public as an *essential service*, while closely following the directives of three separate county health officials.

We know that nature helps us heal. And that in times of stress, people need a healthy outlet to decompress and a place to find solace and a new perspective to keep moving forward. A walk outside can remind us that nothing is static, like the hillsides that turn an emerald green each year with the winter rains, bringing us a sense of hope that things do change. The most difficult times of our lives will come and go and be replaced with some of the best times.

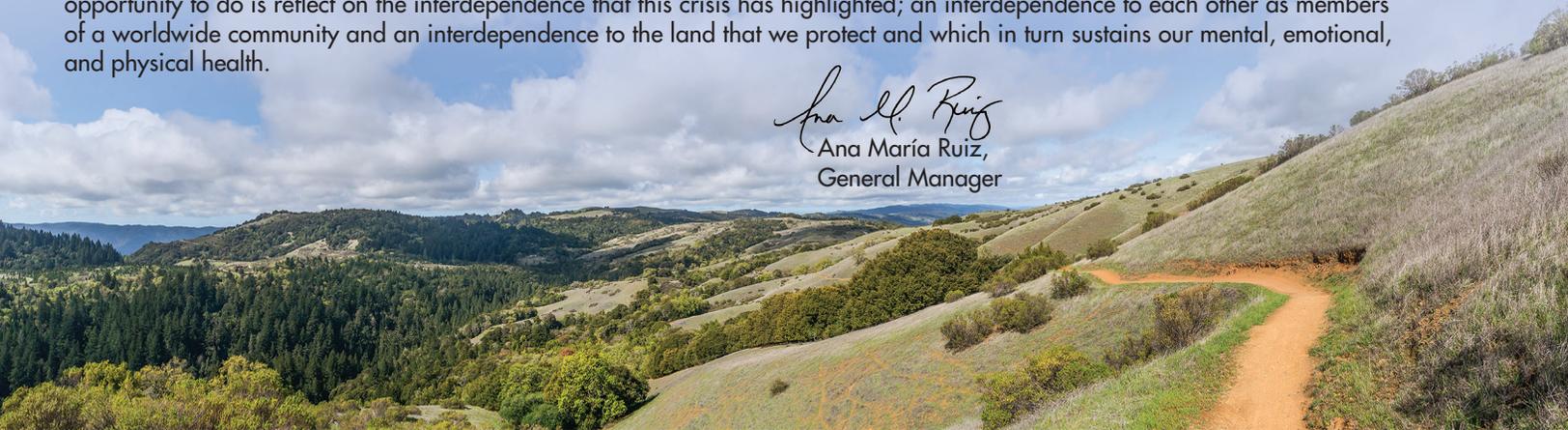
Midpen's ability to provide a bit of welcome relief for residents who are sheltering at home and sacrificing for the greater good weighed heavy in our decision to try and keep public open space preserves open as long as possible. Many in our communities lack access to a backyard or struggle to find options to be outdoors in a green space that connects them to the sun's warm rays, the sound of birds chirping, the sight of leaves moving with a breeze and the sweet smells of new blooms. For families with children, finding a place to roam outdoors is even more pressing. In this time of great public need we're doing our best to be here to answer the call.

Residents have overwhelmingly responded with gratitude and appreciation. Most visitors follow new rules for social distancing, parking restrictions and one-way trails. A silver lining has been that as other avenues for spending free time shut down more people are discovering the wonders of exploring our public backyard oasis, many for the first time.

Our rangers and maintenance staff did a remarkable job keeping up with changing circumstances, implementing new measures to further promote social distancing and educating our visitors. Administrative staff maintained strong collaborations working remotely using multiple telecommuting and virtual meeting tools to continue Midpen's work, including holding public meetings, finalizing the budget, moving projects forward and issuing this summer newsletter.

Although it is difficult to predict all the ways this unprecedented disruption will change our lives, something that we all have the opportunity to do is reflect on the interdependence that this crisis has highlighted; an interdependence to each other as members of a worldwide community and an interdependence to the land that we protect and which in turn sustains our mental, emotional, and physical health.


Ana María Ruiz,
General Manager



Monte Bello Open Space Preserve by Karl Gohl

Our mission:

To acquire and preserve a regional greenbelt of open space land in perpetuity, protect and restore the natural environment and provide opportunities for ecologically sensitive public enjoyment and education.

Our mission on the San Mateo County Coast:

To acquire and preserve in perpetuity open space land and agricultural land of regional significance, protect and restore the natural environment, preserve rural character, encourage viable agricultural use of land resources and provide opportunities for ecologically sensitive public enjoyment and education.

Midpeninsula Regional Open Space District Board of Directors

Board meetings are held on the second and fourth Wednesdays of each month at 7 p.m., at Midpen's administrative office: 330 Distel Circle, Los Altos, CA.

Pete Siemens, Ward 1 (Cupertino, Los Gatos, Monte Sereno, Saratoga)

Yoriko Kishimoto, Ward 2 (Cupertino, Los Altos, Los Altos Hills, Palo Alto, Stanford, Sunnyvale) | **Jed Cyr, Ward 3** (Sunnyvale)

Curt Riffle, Ward 4 (Los Altos, Mountain View) | **Karen Holman, Ward 5** (East Palo Alto, Menlo Park, Palo Alto, Stanford)

Larry Hassett, Ward 6 (Atherton, La Honda, Menlo Park, Pescadero, Portola Valley, Redwood City, San Gregorio, Woodside)

Zoe Kersteen-Tucker, Ward 7 (El Granada, Half Moon Bay, Montara, Moss Beach, Redwood City, San Carlos, Woodside)



Tunitas Creek



Purple needle grass

Tunitas Creek Preserve Expands (continued from page 1)

The purchase is expected to finalize in June for a total of \$9.165 million, offset by a \$1.96 million grant from the California Natural Resources Agency.

"I'm very excited about Gordon Ridge," Midpen Rangeland Ecologist Lewis Reed said. "It has healthy stands of native coastal grassland plant communities. I've seen signs of recent badger activity there, as well as savannah sparrows and Say's phoebes; all unique grassland species."

San Gregorio Creek winds along the property's southern border, providing some of San Mateo County's last-known spawning grounds for endangered coho salmon and threatened steelhead trout. Midpen has completed several creek restoration projects upstream in the watershed to help these fish survive, and this purchase will provide opportunities to build on that work.



Midpen Rangeland Ecologist Lewis Reed

Much of Gordon Ridge has been continuously grazed with cattle for more than a century and the property includes a dairy barn built around 1870. Currently, fifth-generation Coastsider rancher Tom Pacheco grazes cattle at Gordon Ridge with the help of his daughter, Rachel Pacheco Catuzia. They will continue this work as part of Midpen's conservation grazing program. Midpen partners with small-scale local ranchers to utilize conservation grazing as a critical tool for responsibly managing approximately 8,000 acres of coastal grasslands for ecological health, biodiversity and wildland fire safety.

Coastal grasslands benefit from periodic disturbance, historically provided by grazing wildlife herds and Native American burning practices, to prevent loss of biodiversity from nonnative vegetation and encroaching shrubs and forest.

"I am looking forward to working with Tom Pacheco on stewarding this landscape. I have worked on and visited other sites that are part of his grazing operations, and he has been a good steward of sensitive resources," Reed said. "Our goal is to use conservation grazing as a tool to maintain and enhance native grasslands and their use by diverse wildlife."

Gordon Ridge also includes just under an acre leased to Blue House Farm as part of an adjacent 60-acre certified organic farm growing vegetables, fruits and cut flowers. Their products are sold at local farmers' markets and farm stands, and through wholesale accounts.

Tunitas Creek Preserve currently has no public access due to its isolation and lack of infrastructure, however, this purchase will make future access opportunities more feasible. In fact, the Ohlone-Portola Heritage Trail, currently being planned by a regional committee of public land managers, may one day pass through this preserve.

In the meantime, Midpen is preparing to preserve this magnificent coastal landscape as public open space to protect its coastal grasslands, watersheds, wildlife and local agricultural heritage for generations to come. 🦋

Tunitas Creek by Midpen, purple needle grass and lupine by Lewis Reed/Midpen, savannah sparrow © Louis Bevier/Macaulay Library at the Cornell Lab of Ornithology, steelhead by Brian Walter, Say's phoebe by Michael L. Baird/flickr.bairdphotos.com, sign courtesy Blue House Farm, cattle by Frances Freyberg for Midpen.



Lupine



Savannah sparrow



Steelhead trout



Say's Phoebe



Blue House Farm



Conservation grazing

Studying the Secret Life of Badgers and Burrowing Owls

After local wildlife camera footage of a badger and coyote went viral recently, many residents were surprised to learn that American badgers are native to the Bay Area, including on Midpen lands. These secretive masked animals with a feisty reputation are nocturnal and sleep underground, making them seldom seen or studied.

Midpen is conducting groundbreaking new research on local badgers, and the burrowing owls that often use badger dens as shelter. This work is being conducted with the help of wildlife cameras, trained volunteers, and our partners Pathways for Wildlife and the San Francisco Bay Bird Observatory. Badgers and burrowing owls both depend on grasslands and are species of special concern in California, having lost much of their habitat to development and encroachment from brush, forest and invasive plants.

We are conducting the largest-known study on Midpen lands to determine how many badgers and burrowing owls live in the preserves and how they're using the landscape. First, we modeled suitable grasslands and corridors likely to be used by badgers. Then, we surveyed those areas for evidence

of badgers and burrowing owls using wildlife cameras and onsite observations over the course of a year.

We're beginning to see surprising results. Badgers have been detected at 17 different sites and are using several corridors to move between Midpen preserves.



Badger biologists Tanya Diamond, Jessie Quinn and 11-year-old future biologist Luna at Windy Hill Open Space Preserve surveying for badger signs

Tanya Diamond/Pathways for Wildlife

Using hair and scat samples, we're also studying whether the local badger population is healthy and genetically diverse, or at risk of inbreeding. We have detected one burrowing owl and are curious whether year-round populations breed successfully or if they only overwinter in Midpen preserves.

More data is needed and our surveys will continue for at least another year. We'll keep you updated on the results, which will help Midpen and our partners make science-based decisions about how to best manage the grasslands in our care so that these amazing animals can survive and thrive.

Learn more and watch a video of badgers and a burrowing owl from this study at openspace.org/habitat-study. 🌿



Michael Belle

American badger

Ranging from Canada to Mexico, badgers are declining due to habitat loss.

Badgers need grassland home ranges of 1,000+ acres to hunt burrowing rodents, insects and ground birds. They shelter in dens during the day, and sometimes hunt in mutually beneficial partnerships with coyotes.

Their flat bodies, short legs and long claws are built for digging. Thick, loose skin, strong jaws and ability to emit a musky odor provide their defense.



Rose Bigstick

Burrowing owl

Burrowing owls are active during the day and spend most of their time on or near the ground. Found in Canadian prairies and the western United States, they require grasslands to hunt insects and small animals. California's burrowing owls are in steep decline due to habitat loss.

Smaller than a crow and mottled brown with long legs and yellow eyes, they use the ground burrows of other animals to shelter and nest in.

Outdoor Activities

SUMMER 2020 | June – July – August

Monte Bello Open Space Preserve by Karl Gohl

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

explore nature

A summer 2020 *Outdoor Activities* schedule (June-July-August) of docent-led interpretive activities is being developed for public engagement and enjoyment. As summer unfolds, the planned activities are subject to cancellation on short notice given the continuing uncertainty of the public health situation.

To facilitate possible cancellation of an activity, the *Outdoor Activities* schedule will **ONLY** be available online—the full print schedule that ordinarily appears here in the newsletter will not be produced for summer.

We request that you check the website frequently for up-to-date information on Midpen operational parameters, preserve access status, and guidelines for safe visitation and participation on docent-led activities. Midpen anticipates the requirement of special, public health-based measures to be implemented on docent-led activities that could include limitations on group size, adherence to distancing practices, and possibly the wearing of masks. Additionally, all summer docent-led activities will likely require reservations. At the time of this newsletter printing final determinations on activity modifications had not been established.

The Midpen Docent Naturalists miss being out on the trails with you all and look forward to soon being able to share nature discoveries together again. Stay well, stay strong, stay poised for a preserve visit and well-deserved summer outing.



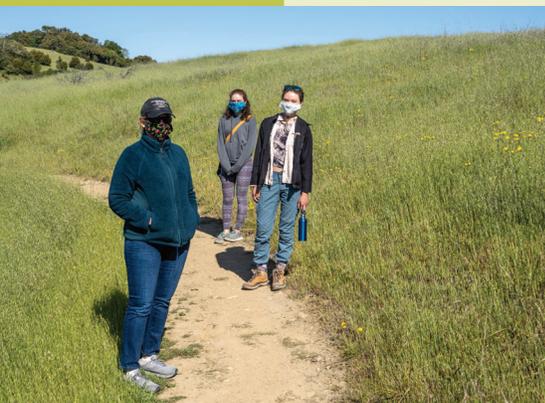
Karl Gohl

Rancho San Antonio Open Space Preserve

Look deep into nature, and then you will understand everything better.

— Albert Einstein

Please check website for activity updates at openspace.org/activities.



Jack Owicki

Monte Bello Open Space Preserve



Midpeninsula Regional Open Space District

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preserve maps, volunteer opportunities and more.

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Building a Bridge to Nature



Before the pandemic, we were making great progress constructing a small-but-mighty new segment of the San Francisco Bay Trail in our Ravenswood Open Space Preserve near East Palo Alto. The 0.6-mile trail will close a critical gap connecting 80 continuous miles of the Bay Trail and will provide the surrounding community with a bridge to nature.

“The current health crisis has underscored how essential Midpen preserves are for providing free and safe public access to nature for mental, emotional and physical health,” Midpen General Manager Ana María Ruiz said. “This small trail will provide big benefits to the community.”

A new sidewalk along University Avenue will connect with the new trail and its bayland views, educational signs and a raised boardwalk and bridge across salt marsh wetlands.

The project also includes wetlands restoration, including refugia islands providing critical habitat for endangered wildlife, such as salt marsh harvest mice and Ridgeway’s rails, to retreat to as climate change causes sea level rise.

While construction was temporarily slowed by the recent shelter-in-place orders, we are hoping to finish the project and open it to the public later this year if circumstances allow. Stay tuned! 🦋



A recently installed bridge on the new San Francisco Bay Trail segment under construction

Midpen



Birdwatching at Ravenswood Open Space Preserve

Ellie Van Houtte