

# State of Bolinas Lagoon Meeting

## May 2, 2019 - Stinson Beach Community Center

Contact the organizations and booth representatives below to hear more information about the topics that interest you most!



Spring season at Martin Griffin Preserve starts Saturday, May 4th and will be open every Saturday through July 27th from 10:00am - 4:00pm. Visit the preserve and hike 8+ miles of trails, learn from nature guides, visit the newt ponds, or picnic under the Redwoods. For more information about Audubon Canyon Ranch docent programs, wildlife trail cameras, and other events contact Gwen Heistand, Director of Education and Resident Biologist at [gwen.heistand@egret.org](mailto:gwen.heistand@egret.org).



Findings from a winter waterbird study conducted at Bolinas Lagoon from 1972-1993 and 1998-2015 discuss the relationship between rainfall and bird abundance. Lynne Stenzel and Gary Page's paper, *Trends in abundance of wintering waterbirds relative to rainfall patterns at a central California estuary, 1972-2015* is featured in the book *Trends and Traditions: Avifaunal Change in Western North America*. For more information contact Point Blue Conservation Science, Senior Wetland Ecologist Lynne Stenzel at [lstenzel@pointblue.org](mailto:lstenzel@pointblue.org).

As the primary land manager, Marin County Parks is the lead on restoration efforts at Bolinas Lagoon, including the North End Restoration Project. The project includes a suite of changes to local roads, wetlands, and streams to reduce flooding and allow the lagoon (and plants and wildlife) to adapt to future climate change impacts such as increased storm events and sea level rise. A critical part of the North End project is the Bolinas Wye Wetlands Project which will remove the crossover road connecting Highway 1 to Olema-Bolinas road, reconnect Lewis creek to its floodplain, improve fish habitat, and restore wetlands. For more information on the North End Restoration Project contact Bolinas Lagoon Project Manager, Veronica Pearson at [vpearson@marincounty.org](mailto:vpearson@marincounty.org).



Marin County is also leading an effort to investigate the feasibility of a nature-based green infrastructure project at Stinson Beach (Federal) and Upton Beach Park (County) through the construction of vegetated sand dunes. The project goal is to develop resilient habitat, enhance public access and recreation, and provide protection against future coastal hazards. For information about this project contact Marin County Community Development Agency Planning Manager Jack Liebster at [jliebster@marincounty.org](mailto:jliebster@marincounty.org).

For general information about ongoing maintenance and management of the Bolinas Lagoon Open Space Preserve, including trail and tree maintenance in and around the lagoon, contact Chief Ranger, Jason Olivotti at [jolivotti@marincounty.org](mailto:jolivotti@marincounty.org).



Most recently in October of 2017, but continuing an effort dating back to when the Field Station was closed in 2005, faculty from the College of Marin Life and Earth Sciences Department and concerned scientists, academics, students, residents and others have led the Bolinas Marine Lab Coalition to ask the Marin Community College District to repair the Bolinas Field Station on Wharf Road in Bolinas for college program and community use. Over the course of several planning meetings and roundtable discussions with the COM Board of Trustees, two preliminary design options for developing a new and renovated marine field station facility have been developed, and plans are moving forward to select a preferred design for submission to the County planning process. Contact Biology professor Joe Mueller at [jmueller@marin.edu](mailto:jmueller@marin.edu) for more information and to join the effort!

Learn about Golden Gate National Recreation Area findings from a recent facilities vulnerability assessment at Stinson Beach, and the latest information for repairs and improvements at the beach's north parking lot. For more information contact National Park Service Ecologist, Kristen Ward at [kristen\\_ward@nps.gov](mailto:kristen_ward@nps.gov).



Point Reyes National Seashore has monitored harbor seals in Bolinas Lagoon since 1996. This site is one of eight in Marin County that are surveyed by Point Reyes Harbor Seal Monitoring Program volunteers during the breeding and molting seasons (March - July). An increase in the number of harbor seals in Bolinas Lagoon has been seen in recent years with a maximum count of 258 pups recorded in 2018 (average = 158) and a high of 649 seals recorded during the 2018 molt season (average = 476). Visit [www.nps.gov/im/sfan/pinnipeds.htm](http://www.nps.gov/im/sfan/pinnipeds.htm) for more information about the Point Reyes Harbor Seal Monitoring Program or contact Marine Ecologist, Sarah Codde at [sarah\\_codde@nps.gov](mailto:sarah_codde@nps.gov).

The Seashore also monitors populations of important fish species such as Steelhead and Coho Salmon in Pine Gulch Creek. Pine Gulch Creek is the largest tributary to Bolinas Lagoon and plays a critical role in population recovery efforts. For more information on the Seashore's inventory and monitoring program contact Fish Biologist, Michael Reichmuth at [michael\\_reichmuth@nps.gov](mailto:michael_reichmuth@nps.gov).



One Tam unites community members, California State Parks, Marin County Parks, Marin Municipal Water District, and the National Park Service with the nonprofit Golden Gate National Parks Conservancy to leverage skills and resources to support long-term stewardship of Mt. Tam. One of their many volunteer opportunities includes monthly habitat restoration events at Easkoot Creek near Stinson Beach, where participants control cape ivy while planting natives to improve riparian habitat. See [onetam.org/calendar](http://onetam.org/calendar) for details, or contact Rosa Schneider at [rschneider@onetam.org](mailto:rschneider@onetam.org). Learn more about One Tam at [www.onetam.org](http://www.onetam.org), or contact Deputy Director, Matt Leffert at [MLEffert@ParksConservancy.org](mailto:MLEffert@ParksConservancy.org) to see how you can help support One Tam.



Greater Farallones Association (GFA) is the non-profit partner of the Greater Farallones National Marine Sanctuary. GFA's Bolinas program facilitates the planning and implementation or restoration projects including the South End Living Shorelines Project. GFA staff also help lead the Kent Island Restoration project and the Green Crab Removal Project. Contact Communication Associate, Alayne Chappell at [achappell@farallones.org](mailto:achappell@farallones.org) to join GFA's krill club and learn how you can support Bolinas restoration projects. Contact Bolinas Lagoon Restoration Project Manager, Kate Bimrose at [kbimrose@farallones.org](mailto:kbimrose@farallones.org) to sign up for Kent Island and Green Crab volunteer days or to learn more about the South End project.