

**San Francisco Bay Area National Parks Natural Resources and Science Symposium
May 1, 2012**

**Beyond Our Silos:
Developing a More Complete Picture of Natural Resource Management and Protection**

Agenda*

8:45 – 9:15 Refreshments, sign in, mingle
9:15 – 9:30 Welcome and introductions
MC: Michele Gee, Chief of Interpretation, Golden Gate National Recreation Area

Plenary Session:

9:30 – 10:15 YOUR BRAIN ON STORY: The Science Behind the Unique Power of Story (and What It Means for You)
Presenter: Kendall Haven, Story Strategist, Author, Master Storyteller

Session 1: Where Have We Been?

MC: Tom Leatherman, Superintendent, East Bay National Park Units

10:15 – 10:30 Fresh Windows into Golden Gate's Geologic Past
Presenter: William P. Elder, Ph.D, National Park Service

10:30 – 10:45 Historical Ecology as a Tool for Resource Management, Mitigation, Interpretation, and Tribal Engagement
Presenter: Chuck Striplen, San Francisco Estuary Institute

10:45 – 11:00 Native Plants, Interpretation, and the Cultural Restoration of Redwood Creek at Muir Beach
Presenter: Chris Friedel, National Park Service

11:00 – 11:15 Results from over 20 Years of Rangeland Vegetation Monitoring at Point Reyes National Seashore
Presenter: Robert Steers, National Park Service

11:15 – 11:30 Gulf of the Farallones Beach Watch Program: Informing Natural Resource Managers
Presenter: Kirsten Lindquist, Farallones Marine Sanctuary

11:30 – 11:45 Three Decades of Citizen-collected Data from California's Largest Raptor Migration Lookout
Presenter: Allen M. Fish, Golden Gate Raptor Observatory

11:45 – 12:45 Lunch
Coho Salmon Monitoring Update and Pit Tagging Demonstration
Presenter: Mike Reichmuth, National Park Service

Session 2: Where Are We Now?

MC: Denise Louie, Chief of Natural and Cultural Resources, Pinnacles National Monument

12:45 – 1:00 Management implications of Prairie Falcon (*Falco mexicanus*) Home Range and Habitat Use at Pinnacles National Monument
Presenter: Douglas A. Bell, East Bay Regional Park District

- 1:00 – 1:15 Inventory of Black Abalone at Point Reyes and Golden Gate
Presenter: Darren Fong, National Park Service
- 1:15 – 1:30 Seas of Bees: Astonishing Native Bee Richness at Pinnacles National Monument
Presenter: Joan Meiners, Utah State University
- 1:30 – 1:45 New Environmental Weeds in the Golden Gate and Point Reyes National Parks
Presenter: Eric C. Wrubel, National Park Service
- 1:45 – 2:00 Sudden Oak Death Research and Outreach in San Francisco Bay Area National Parks
Presenter: Janice Alexander, UC Cooperative Extension, Marin County
- 2:00 – 2:15 Collaboration on the Bolinas Ridge Fuel Break
Presenter: Jennifer Chapman, National Park Service
- 2:15 – 2:30 The Impacts of Experimental Disturbance Treatments on Mission Blue Butterfly Habitat
Presenter: Alison Forrestel, National Park Service
- 2:30 – 2:45 Turning the Dunes Upside Down: Ecosystem-Level Restoration of Coastal Dunes in Point Reyes
Presenter: Lorraine Parsons, National Park Service
- 2:45 – 3:15 Break

Session 3: Where Are We Going?

MC: Aaron Roth, Deputy Superintendent, Golden Gate National Recreation Area

- 3:15 – 3:30 Telling the Story of the Salmon Freshwater Life-stage using Vital Signs Monitoring and Other Data
Presenter: Andrea Woodward, U.S. Geological Survey
- 3:30 – 3:45 Developing a Framework for Measuring San Francisco Bay Joint Venture (SFBJV) Wetland Conservation Delivery Effectiveness in a Changing Landscape
Presenter: Christina Sloop, PhD, SFBJV
- 3:45 – 4:00 The Conservation Lands Network: A Bold Plan to Protect the Bay Area's Last Wild Places and Working Lands
Presenter: Ryan Branciforte, Bay Area Open Space Council
- 4:00 – 4:15 The Experience Can Make the Difference: Strategies for Inspiring the Next Generation of Young Scientists in Our Park
Presenter: Sue Gardner, Golden Gate National Parks Conservancy
- 4:15 – 4:30 Promoting Youth Development and Place-based Education at John Muir National Historic Site
Presenter: Fernando Villalba, National Park Service
- 4:30 – 4:45 Closing remarks
Frank Dean, Superintendent, Golden Gate National Recreation Area

* Abstracts available at www.sfnps.org/science_symposia provide fuller project descriptions and a complete list of contacts. Pdfs of the presentations will also be available on Wednesday May 2, 2012.

Posters:*

How Rocky Intertidal Monitoring Informs Natural Resource Damage Assessments: A Case Study of the Cosco Busan Oil Spill

Presenter: Christy Bell, University of California Santa Cruz

Small Mammals in the Presidio: Engaging Youth in an Inventory Program

Presenter: Moe Flannery, California Academy of Sciences

Soil Resource Evaluation and Regeneration for Plant Community Resilience

Presenter: Vic Claassen, University of California, Davis

California Red-legged Frogs – Monitoring Program, Status and Trends

Presenter: Christina Crooker, Golden Gate National Parks Conservancy

San Bruno Elfin Butterflies – Monitoring Program, Status and Trends

Presenter: Christina Crooker, Golden Gate National Parks Conservancy

Habitat Restoration for Rare Plant Protection in the Presidio

Presenter: Shelley Estelle, Presidio Trust

Petal Pushers: Engaging Young Naturalists in Science

Presenter: Ely Huerta, Golden Gate National Parks Conservancy

Does an Increase in the Abundance of *Emerita analoga* Lead to an Increase in the Prevalence of *Acanthocephala* parasites?

Presenter: J. T. Nicholas, California Academy of Sciences

Dwarf Oaks of the Marin Headlands

Presenter: Robert Steers, National Park Service

Pacific Mole Crab (*Emerita analoga*) Abundance in Correlation to Tidal State

Presenter: S.O. Thomas, California Academy of Sciences

The California Phenology Project: Building a Phenological Monitoring Network to Increase Understanding of Climate Change Impacts

Presenter: Fernando Villalba, National Park Service

Growing Native Plant for Restoration: Protocols for Success

Presenter: Betty Young, Golden Gate National Parks Conservancy

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