



Kirke Wrench, NPS

MT. TAM'S CHALLENGES

BIODIVERSITY AND HABITAT LOSS

Invasive species, forest pathogens, wildfire, erosion, and hydrologic changes threaten precious remnant habitats and their inhabitants. Habitat degradation also affects high-value ecosystem services like soil stabilization, water purification, carbon sequestration, and temperature regulation.

CLIMATE CHANGE

Climate change may alter the frequency, intensity, and duration of droughts, floods, heat waves, and wildfires. Mt. Tam's lands will serve as vital refuges and dispersal corridors for species coping with what may be rapid and severe environmental changes.

UNTAPPED COMMUNITY SUPPORT

Despite a long and deep history of stewardship on Mt. Tam, there is currently no way to donate funds or volunteer to support the mountain as a whole, and many agree that future stewardship of the mountain will rely on broad engagement of future generations of Marin residents.

PROGRAMS AT CAPACITY

Volunteers are being turned away and school groups put on wait lists because individual agencies simply do not have the capacity to accommodate the community's interest in stewardship and environmental education.



Maria Durana, Parks Conservancy

A COMMON VISION

Like the plants and animals that live on these lands, most people view the mountain as a single, interconnected place. The TLC offers a coordinated approach that will demonstrate the power of collective impact and a common vision.

BORDERLESS SOLUTIONS

Through the TLC, land managers can work together to address resource issues—especially those that do not recognize jurisdictional boundaries such as invasive weeds, trails, and streams—and do so in a more holistic, efficient, and cost effective way.

INCREASED CAPACITY

Leveraging existing talent, experience, ideas, and resources through collaboration will result in efficiencies never before possible. Additional financial and staff support will further elevate our ability to protect the mountain and serve the public.

PROVEN SUCCESS

The TLC builds on a partnership approach that has been evolving among Marin land agencies over the past two decades. Rather than forming a new organization, the TLC relies on the Parks Conservancy's existing infrastructure and its community engagement and philanthropic experience.

BROAD COMMUNITY ENGAGEMENT & SUPPORT

The TLC will build upon Marin's long philanthropic tradition by providing a way for the community to support priority conservation and restoration projects, education programs, visitor amenities, and stewardship activities. Together, we can teach and cultivate the next generation of stewards, reach a wider range of audiences, improve interpretive programming, and offer volunteers more ways to share their time and talents with the mountain.

2014-2015 REFLECTION

Alison Taggart-Barrone, Parks Conservancy

PARTNERSHIP & COLLECTIVE IMPACT

- 2 TLC case studies conducted and shared
- 3 partner agreements signed
- 3 Mt. Tam-wide databases under development—volunteerism, wildlife camera, and vegetation
- 3 TLC subcommittees formed—programs, conservation, and communications
- 17 Working Group meetings held
- 2 Executive Team meetings held

AWARENESS & ENGAGEMENT

- 60+ conversations with community groups resulting in new relationships, knowledge of One Tam and the TLC, and early improvements to partnership transparency and communication
- 5,100 community members introduced to the TLC and One Tam through tabling, events, meetings, etc.
- One Tam website developed and launched
- Over 19,000 website visits
- 4 e-mail newsletters distributed

PHILANTHROPY & INVESTMENT

- Over 100 donors contributed
- 2 foundation grants awarded
- 3 corporate grants/gifts received
- Nearly \$850,000 raised in grants, gifts, and multi-year pledges

PROJECTS & PROGRAMS

- 3 One Tam Conservation, Stewardship & Community staff and 2 interns hired
- 1 assessment of shared mountain-wide agency programs and projects in need of additional support completed
- 17 Marin high school youth in Mt. Tam LINC (Linking Individuals to their Natural Community) summer program
- 4 mountain-wide volunteer work days that engaged 600+ volunteers
- 128 wildlife cameras installed
- 73 volunteers trained to catalog and process wildlife camera images
- 22 volunteers trained to service wildlife cameras in the field
- 85,000 photos cataloged by volunteers
- 33 Volunteer Stewardship, Science & Trails programs supported
- 16 potential One Tam projects identified for future support
- 30 acres of diseased forest targeted for experimental restoration
- One Tam Roving Ranger planning and design initiated



THE WORK AHEAD: CONSERVATION & COMMUNITY

Maria Durana, Parks Conservancy

YOUTH & COMMUNITY PROGRAMS

- Increase support for 60 agency youth education programs
- Host 2016 One Tam LINC (Linking Individuals to their Natural Community) program and advanced summer internships for 2015 LINC participants
- Work with community organizations to engage underserved youth in stewardship programs
- Support 4 mountain-wide volunteer days
- Initiate mountain-wide naturalist walks
- Pilot in-school wildlife education programs for middle and high schools
- Develop interactive watershed-based educational displays
- Provide presentations and outreach at local community events and trailheads
- Develop academic internship partnerships with Marin colleges and universities

HABITAT RESTORATION & ECOLOGICAL MONITORING

- Hire 2 One Tam Conservation Management Team staff—a Specialist and a Technician
- Conduct biodiversity inventories
- Launch mountain-wide rare plant monitoring program, and weed detection and management programs
- Coordinate interagency priorities and develop a report on the health of Mt. Tam
- Increase weed and vegetation management throughout the Redwood Creek watershed

VOLUNTEER STEWARDSHIP & CITIZEN/COMMUNITY SCIENCE

- Increase annual support for approximately 30 existing volunteer stewardship workdays for habitat restoration, invasive plant patrol, and trail stewardship
- Add 60 stewardship and community science programs/workdays
- Develop the vision and structure for a future mountain-wide community science program
- Expand the Wildlife Camera Project (by approximately 100 cameras) into the Redwood Creek watershed
- Build academic and community partnerships for data collection and processing
- Recruit and train 100 volunteers and 15 students to support the Wildlife Camera Project
- Develop an interactive website to process and share wildlife images and data

TAM SYMPOSIA

- Host two Tam Symposia—topics under consideration include:
 - The State of Mt. Tam's Forests and the Forest Resiliency Study
 - Discovering Marin's Wildlife through the Wildlife Camera Project
 - The Status of Mt. Tam's Biodiversity Building the Next 100 Years of Care and Stewardship



THE WORK AHEAD: PROJECTS

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SIGNATURE TRAIL CORRIDOR PROJECTS

Redwood Creek Trail Re-Alignment

- Complete planning

Coordinated Trail Stewardship in Redwood Creek Watershed

- Implement a watershed-wide State/National Parks Trail Crew program

Wayfinding/Signage

- Assess signage gaps at Mount Tamalpais State Park and install new signs
- Develop mountain-wide standards for wayfinding signs to improve navigation and visitor experience

Community Trailheads

- Complete the design and pilot of the One Tam Roving Ranger—a mobile vehicle to build awareness and understanding of Mt. Tam's resources, One Tam, and agency programs

LEGACY PROJECTS

Potrero Meadow Restoration

- Conduct a study to re-route roads and trails to restore wetland habitat
- Develop a meadow revegetation strategy

West Peak

- Perform a feasibility study for restoring the West Peak

Log Cabin at Phoenix Lake

- Complete an initial design assessment

Resilient Forest Project at Laurel Dell, Bolinas, and San Geronimo Ridges

- Plant 600 redwoods, Douglas firs, and oak trees