

Legacy Resource Management Program 2011 National Public Lands Day (NPLD) Projects

ALABAMA

Pollinator Habitat Improvement (Fort McClellan Army National Guard Training Center, Alabama Army National Guard): Plant pollinator garden, clear invasives, plant natives, and maintain previous year's plantings.

Upgrades to Wetland and Cultural Outdoor Education Center (Redstone Arsenal, Army): Volunteers conducted maintenance of the mud hut, trails, boardwalks, landscaping around the outdoor classroom, and installed an artificial wildlife habitat. They also stained and installed a bat house and a Purple Martin house. Some trail maintenance was also performed, including limb trimming, trail clearing, filling holes with gravel, and boardwalk sweeping. Landscaping around the outdoor classroom was weeded, landscaping edging installed, and perennial pollinator-friendly plants added.

CALIFORNIA

Fallbrook Creek Restoration and Invasive Species Control (Fallbrook Naval Weapons Station, Seal Beach, Navy): Planting, mulching, some exotics removal (e.g., castor bean and bottlebrush trees), creek cleanup, and fence line adjustment.

Upper FW Marsh Restoration (Naval Weapons Station Seal Beach, Navy): Volunteers removed invasive plants, prepared the land for restoration, and planted native plants. These upland restoration areas provide habitat and shelter for state and federally-listed endangered bird species, numerous pollinator species, and a wide variety of mammals, amphibians, birds, and reptiles. They also provide a buffer between wetland habitat and agricultural lands.

RV Park Pollinator Garden (Naval Support Activity Monterey, Navy): Volunteers created a pollinator garden using native fauna to attract nocturnal moths and help perpetuate/increase the presence of the federally endangered Yadon's rein orchid wildflower currently found on Monterey Pines Recreational Vehicle Park in Monterey, CA.

Tortoise Display Garden (Marine Corps Air Ground Combat Center 29 Palms, USMC): Volunteers designed and built a tortoise display garden with native plants, burrows, and interpretive signs for two captive female Desert Tortoises, Thelma and Louise! The tortoises will be brought to the garden monthly as teaching and outreach tools for the surrounding community.

FLORIDA

Butterfly Garden/Deer Run Native Plant Trail (Tyndall Air Force Base, Air Force): The project promoted awareness of native plant species on the base by identifying plants along a nature trail and establishing a native planting area. Informational brochures will help educate guests about various natural resources topics such as plants in the garden area, beach pollinators, and the base's role in Monarch migration.

Rocky Creek Tributary Restoration (Eglin Air Force Base, Air Force): Volunteers repaired berms and planted wetland species.

Boca Chica Pollinator Garden (Naval Air Station Key West/Boca Chica Field, Navy): Participants constructed a pollinator garden.

GEORGIA

Fort Stewart-Little Creek Cemetery Cleanup (Fort Stewart, Army): Volunteers conducted cleanup of the historical cemetery.

HAWAII

Haleoloha Haleamau Fort Kamehameha Burial Platform at Joint Base Pearl Harbor-Hickam, Navy):

Volunteers stewarded a burial platform containing native HI remains, helped comply with NAGPRA regulations, removed invasives and weeds, and planted native plants including ti, which is culturally significant (good luck).

Ka'ala Native Forest Restoration Project (Schofield Barracks West Range, Army): Volunteers repaired an aging boardwalk trail on Mt. Ka'ala, which has become a corridor for the spread of an invasive moss, *Spagnum palustre*. Participants attached wire mesh to the boardwalk to provide traction for hikers and reduce the spread of the invasive moss. They also sprayed moss killer along the boardwalk. Results will allow native plants to thrive at the summit of the mountain, providing food for endemic HI species such as the Hawaiian Honeycreeper.

ILLINOIS

Scott Air Force Base Wetlands Trail (Scott Air Force Base, Air Force): Volunteers performed trail maintenance and native species planting.

KANSAS

Fort Leavenworth Recreational Woodlands Trail (Fort Leavenworth, Army): Participants built a nature trail, removed invasives, and planted natives.

Kaw River Nature Trail Improvement (Fort Riley, Army): Construction of a nature trail and invasive species removal.

MARYLAND

Invasive Species Control - Bradford Pear (Patuxent River Naval Air Station, Navy): Volunteers removed invasive trees and saplings and planted natives.

Women in Bloom (Aberdeen Proving Ground, Army): Volunteers established a pollinator garden as well as a unique memorial dedicated to all women, past, present, and future, working in the sciences on the installation. This memorial recognizes the contributions of women to the Army's research and development successes.

MICHIGAN

FCTC - NPLD Projects (Fort Custer Training Center, Michigan Army National Guard): Participants conducted trail maintenance, wetland maintenance, and tree planting.

MISSISSIPPI

Camp McCain Natural Resources Project (Camp McCain Training Center, Mississippi Army National Guard): Volunteers planted trees, shrubs, and perennials, set up wildlife cameras, maintain previous plantings.

MISSOURI

Pollinator Garden Project for Dru L. Pippin Youth Center (Fort Leonard Wood, Army): Volunteers planted a native pollinator garden.

MONTANA

Malmstrom Air Force Base Wetland/Riparian Restoration (Malmstrom Air Force Base, Air Force): Volunteers planted ponderosa pines and forsythia shrubs for the Whitmore Ravine riparian area restoration project. They also removed invasives, cleaned up trash, and put up a fence to protect new wetland plantings and to prevent additional erosion into the adjacent pond.

NORTH CAROLINA

Grove of Honor Pollinator Garden (Fort Bragg, Army): Participants weeded, raked, amended soil, cleared debris, mulched, and installed sedum, coneflower, phlox, veronica and other plants. The volunteers transformed three flower beds into a paradise for bees and butterflies.

OREGON

Biak National Public Lands Day (Biak Training Center, Oregon Army National Guard): Trash pickup in and around Redmond caves.

Burrow Masters 2011 (Umatilla Chemical Depot, Army): Participants dug burrows for Burrowing Owls, acquired GPS locations for all burrow sites, provided training and knowledge about owl ecology to volunteers, and helped make progress towards supporting over 75 nesting pairs in 2012. Umatilla Chemical Depot wants to become a source population of Burrowing Owls for the Pacific NW.

PENNSYLVANIA

Fort Indiantown Gap Museum Landscaping, Butterfly Garden, Native Plants, and Pollinator Conservation (Fort Indiantown Gap, Army and Air Pennsylvania National Guard): Volunteers planted native species, removed invasives and trash around the Fort Indiantown Gap Museum.

SOUTH CAROLINA

Pollinator Propagation (McCrary Training Center, SC Army National Guard): Volunteers assembled and painted bee boxes with children to help increase the existing Honey Bee population on base. Participants also learned about the importance of pollinators.

Weeks Pond Restoration (Poinsett Electronic Combat Range Shaw AFB, Air Force): Repair areas around pond, place nesting boxes, build floating platform.

Pollinator Habitat Enhancement (Joint Base Charleston, Navy): Plant native species in ROW.

TENNESSEE

Catoosa Trout Stream Trash Pickup (Volunteer Training Site, Tennessee Army National Guard): This NPLD project consisted of trash pickup on the banks of the section of Tiger Creek located within the Tennessee Army National Guard (TNARNG) Volunteer Training Site in Catoosa County, Georgia. The pickup was needed to remove road side trash that has been deposited on the creek bank due to frequent flooding over the past year. This trash is unsightly, a hazard to water quality, harmful to wildlife and damaging a delicate ecosystem.

TEXAS

Stillman Park Enhancement (Lackland Air Force Base, Air Force): Build and install nest boxes, install native species ID signs.

Camp Bullis Hike and Bike Nature Trail (Camp Bullis Training Site, Air Force): Build trail, collect seeds, plant species.

Drought Tolerant Landscaping and Pollinator Garden Demonstration in Quadrangle (Fort Sam Houston, Air Force): Drought tolerant landscaping and pollinator garden demonstration in Quadrangle.

Fort Bliss Wetland Trail Building Project (Fort Bliss DPW-E, Army): Wetland trail building and plantings.

UTAH

Pond 3 Enhancement (Hill Air Force Base, Air Force): Plant natives, pull invasives, build bat and bee boxes.

VIRGINIA

Fort Belvoir Loop Trail (US Army Garrison Fort Belvoir, Army): Pollinator garden, shoreline plantings and signs.

Beaverdam Nature Trail Renovation (Fort A. P. Hill, Army): Trail expansion and maintenance, trash pickup, and footbridge repair.

Blackwater Swamp Trail Restoration (Fort Lee, Army): Trail construction for wetland and archeological site.

Fort Pickett Gymnasium Beautification and Twin Lakes Recreational Area Pollinator Garden (Fort Pickett, Virginia Army National Guard): Landscape beautification and enhancement of last year's pollinator garden with additional native wildflowers.

WASHINGTON

Tanker Tails Tree Planting (Fairchild Air Force Base, Air Force): Clear invasives and plant native plants and trees around public kennel area.

JBLM Ecopark Restoration (Joint Base Lewis McChord, Army): Set up bat and bee boxes, plant native species, and clear invasives.

WEST VIRGINIA

Invasive Species Removal and Native Species Planting (NIOC Sugar Grove, Navy): Invasive Species Removal and Native Species Planting.

Camp Dawson Interpretive Trail (Camp Dawson Army Training Site, Army): Trail construction, plant native species.