Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Support the Floral and Faunal Actions on Joint Base McGuire-Dix-Lakehurst, New Jersey

Type of Project: Technical Assistance
Project Discipline: Natural Ressources
Funding Agency: US Army Core of Engineers
Other Partners/Cooperators: Colorado State University
Effective Dates: 1/1/2011 – 12/30/2012
Funding Amount: $243,770

Investigators and Agency Representative:
Agency Contact: Roger Smith, Natural Resource Specialist, JBMDL, New Jersey; 609/562-2040

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Project Abstract: Dix portion of Joint Base McGuire-Dix-Lakehurst (JBMDL), New Jersey, is a 31,000 acre (12,545 ha) installation in Burlington and Ocean Counties. The installation is in the northern portion of the Pinelands. Eight vegetation types broadly describe the area—deciduous forests, pitch pine barrens, cedar forests, other pine communities, mixed deciduous pine forests, shrubland, grassland, and areas influenced by water.

CEMML will search and collect of plant specimens. Reports will provide a tentative list of species, field information, maps showing sampling locations.

CEMML will complete the documentation of small and medium-sized mammals (excluding bats) and birds on Dix portion of JBMDL. Data summaries will provide species lists, and species richness and relative abundance by community type and for the installation. All work will be documented with global positioning systems (GPS) and thereby provide species information by location. Photographs will be taken of as many taxa as possible and of representative sampling locations. Photos will be taken to depict survey methods.

Outcomes with completion dates: December 30, 2012

Keywords: surveys, small and medium-sized mammals, birds, Joint Base McGuire-Dix-Lakehurst, New Jersey, Colorado State University, Center for Environmental Management of Military Lands