

Acadia National Park Exotic Plant Management Team

National Park Service
U.S. Department of the Interior



Parks Imperiled



Biological invasions of non-native plant species have the capacity to dramatically alter native communities. Acadia's Exotic Plant Management Team locates and removes invasive species using an integrated pest management approach to protect park resources. Above, garlic mustard (*Alliaria petiolata*) blankets the forest floor.

Detect



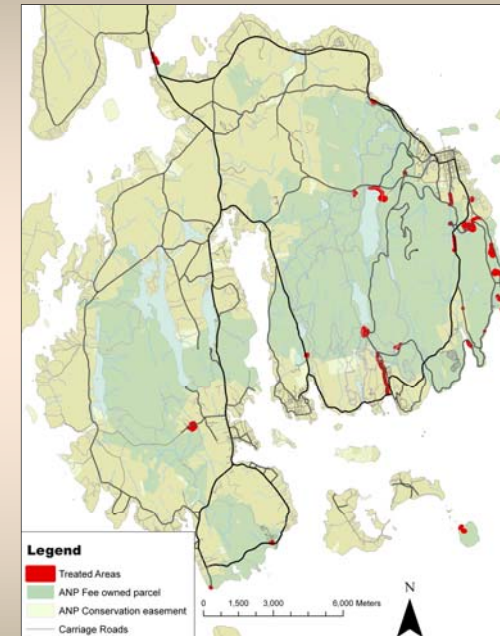
The Exotic Plant Management Team preserves native communities by locating infestations of non-native plants and responding rapidly to prevent them from establishing and spreading to surrounding areas. Above, a team member records the location of exotic plant species.

Remove



Once a population is detected, the team determines the most effective and ecologically safe method to remove the threat. Above, team members treat non-native thistle species (*Cirsium* spp.) near Sieur de Monts.

2013 Treated Areas in Acadia National Park



During the 2013 field season, the Acadia National Park Exotic Plant Management Team Surveyed, Monitored, and Treated 26 non-native species covering 200 acres.

Monitor



The removal of non-native species returns the affected community to a more natural state. The site will be monitored on a regular basis to determine the efficacy of the treatment and the need for follow up treatments. Treatment results will be evaluated and used to guide future actions. Left, before and after treatment of glossy buckthorn (*Frangula alnus*) with team members and Friends of Acadia volunteers.

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