

Florida Keys Regional Working Group

Layton Nature Trail Invasive Exotic Plant Control

PCL: Long Key State Park

Project Manager: Florida Park Service (DEP)
 Catherine Close, Park Manager
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Project ID: FK-019

Fiscal Year 01/02

County: Monroe

PCL Size: 965 acres

Project Size: 27 acres

Project Cost: \$14,875

The 965 acres that make up Long Key were acquired by the state between 1961 and 1973. The vegetation is primarily of the West Indian and Caribbean origin. Two areas were targeted within the park:

Area 1 - Layton Nature Trail: A West Indies hammock of approximately 16 acres that was surrounded with a moderate infestation of Brazilian pepper, lead tree, lather leaf, and a very light infestation of Australian pine.

Area 2 - North side of Layton Lakes: A transition zone of approximately 11 acres along the north side of Long Key Lakes that had a heavy to moderate infestation of Brazilian pepper, and a light to moderate infestation of lead tree.

Target Plants	Common Name	FLEPPC Rank	Treatment	Herbicide
<i>Casuarina equisetifolia</i>	Australian pine	Category I	basal bark	Garlon 4
<i>Schinus terebinthifolius</i>	Brazilian pepper	Category I	basal bark	Garlon 4
<i>Colubrina asiatica</i>	lather leaf	Category I	basal	Garlon 4
<i>Leucaena leucocephala</i>	lead tree	Category II	basal bark	Garlon 4
			cut stump	



Atwood Addition Invasive Exotic Plant Control

County: Monroe

PCL: Indian Key Historic State Park

PCL Size: 110.49 acres

Project Manager: Florida Park Service (DEP)

Pat Wells

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Project ID: FK-020

Project Size: 6.5 acres

Fiscal Year 01/02

Project Cost: \$14,527

Indian Key State Historic Site is located on Upper Matecumbe Key within the city of Islamorada. The project area is within the "Atwood Addition" and consists of two parcels with a combined acreage of approximately 6½ acres. Old Dixie Highway bisects the site.

Target Plants	Common Name	FLEPPC Rank	Treatment	Herbicide
<i>Casuarina equisetifolia</i>	Australian pine	Category I	basal bark	Garlon 4
<i>Schinus terebinthifolius</i>	Brazilian pepper	Category I	basal bark	Garlon 4
<i>Thespesia populnea</i>	seaside mahoe	Category I	cut stump	Garlon 3A
<i>Scaevola sericea</i>	beach naupaka	Category I	cut stump	Garlon 3A
<i>Tradescantia spathacea</i>	oyster plant	Category I	hand pull	n/a
<i>Leucaena leucocephala</i>	lead tree	Category II	basal bark	Garlon 4
<i>Agave sisalana</i>	sisal hemp	Category II	hand pull	n/a
<i>Oeceoclades maculata</i>	ground orchid	Category II	hand pull	n/a
<i>Sansevieria hyacinthoides</i>	bowstring hemp	Category II	hand pull	n/a
<i>Kalanchoe daigremontiana</i>	life plant	n/a	hand pull	n/a
<i>Pedilanthus tithymaloides</i> *	Devil's backbone	n/a	hand pull	n/a

*exotic subspecies escaped from cultivation

Key Deer Refuge Invasive Exotic Plant Control Technician

County: Monroe

PCL: National Key Deer Refuge

PCL Size: 8,649 acres

Project Manager: U.S. Fish and Wildlife Service

Phil Frank and Roel Lopez

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Project ID: FK-014

Project Size: 8,649 acres

Fiscal Year 01/02

Project Cost: \$26,224.80

The National Key Deer Refuge includes habitat critical to survival of the endangered key deer. Natural communities include tropical hardwood hammock, pine rocklands, freshwater wetlands, and mangrove swamp. The refuge is home to a number of rare plants and animals, five of which are found nowhere else in the world. This project consists of treatment of Australian pine and Brazilian pepper throughout the lands managed by USFWS on Big Pine Key and No Name Key. The project involves the use of one to two employees from the Florida Keys Environmental Trust Restoration Fund as exotic plant control technicians to control exotic plants on the refuge or other public conservation lands in the Florida Keys from October 15, 2001 through June 15, 2002. The refuge provides all necessary training, equipment, and vehicles for the technicians. The technicians work closely with the biological staff of the refuge to prioritize infested sites, and keep a daily record of all exotics control activities.

Target Plants	Common Name	FLEPPC Rank	Treatment	Herbicide
<i>Schinus terebinthifolius</i>	Brazilian pepper	Category I	basal	Garlon 4
<i>Casuarina equisetifolia</i>	Australian pine	Category I	basal	Garlon 4