National Park Service
Biological Resource Management Division

EXPERIENCE YOUR AMERICA

Exotic Plant Management Teams

Alaska

California

Chihuanuan Desert/Southern Shortgrass Prairie

Colorado Plateau

Florida/Caribbean Partnership

Great Lakes

Gulf Coast

Lake Mead

Mid-Atlantic Cooperative

National Capital Region

North Coast Cascades Network

Northeast

Northern Great Plains

Northern Rockies

Pacific Islands

Southeast

Worthington Glacier, AK - Photo by Judy Daniels

Haleakala NP, Maui - Photo by Judy Daniels

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Great Lakes Exotic Plant Management Team

Voyageurs National Park, MN

Apostle Islands National Lakeshore, WI

Isle Royale National Park, MI

Saint Croix National Scenic Riverway, MN

Pictured Rocks National Lakeshore, MI

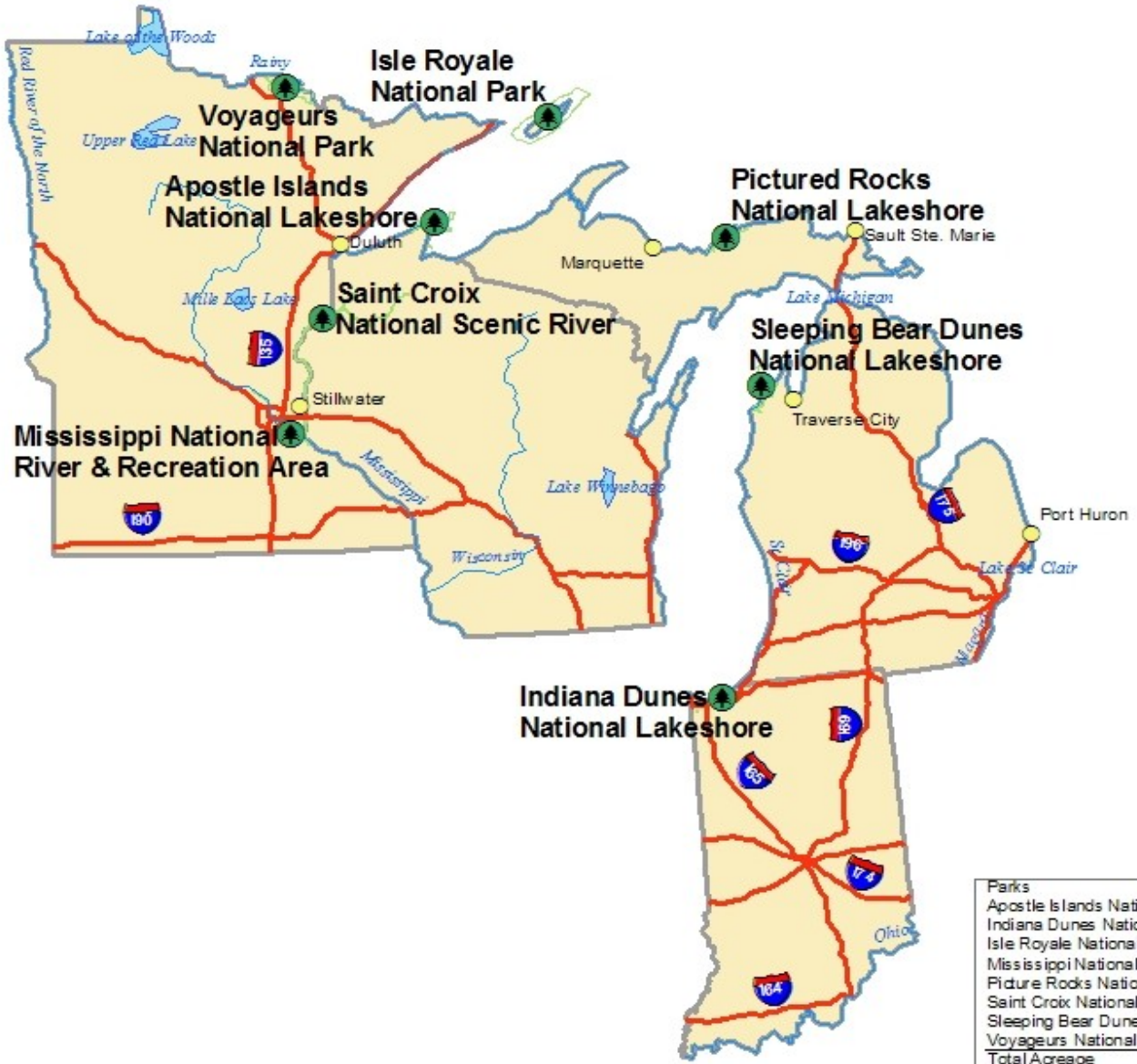
Mississippi National River & Rec. Area, MN

Indiana Dunes National Lakeshore, IN

Sleeping Bear Dunes Nat. Lakeshore, MI

Great Lakes Exotic Plant Management Team
Host and Partner Parks

National Park Service
U.S. Department of the Interior



Parks	Acres
Apostle Islands National Lakeshore	69,327
Indiana Dunes National Lakeshore	17,286
Isle Royale National Park	557,742
Mississippi National River and Recreation Area	53,804
Picture Rocks National Lakeshore	68,660
Saint Croix National Scenic River	98,007
Sleeping Bear Dunes National Lakeshore	70,101
Voyageurs National Park	204,426
Total Acreage	1,139,323

Source: ESRI and NRID
Date: 4 Nov 03

Calculations based on Lambert Conformal Conic (Conterminous US) projection

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Top Ten Species

- Garlic Mustard
- Multiflora Rose
- Buckthorn
- Non-Native Honeysuckles
- Purple Loosestrife
- Common Reed
- Spotted Knapweed
- Baby's Breath
- Leafy Spurge

Exotic Plant Inventory Work

Sleeping Bear Dunes National Lakeshore, MI

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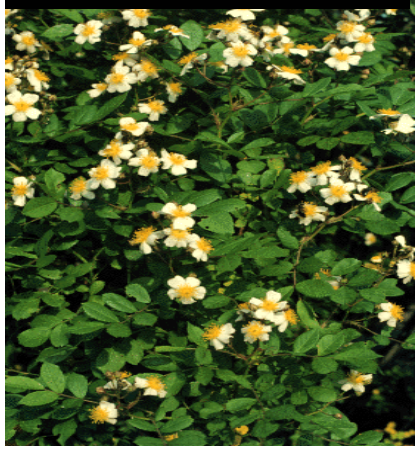
Great Lakes

Threats to woodlands….

Garlic Mustard

Non-Native Honeysuckles

Multiflora Rose



Buckthorn

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Threats to wetlands….

Purple Loosestrife

Common Reed

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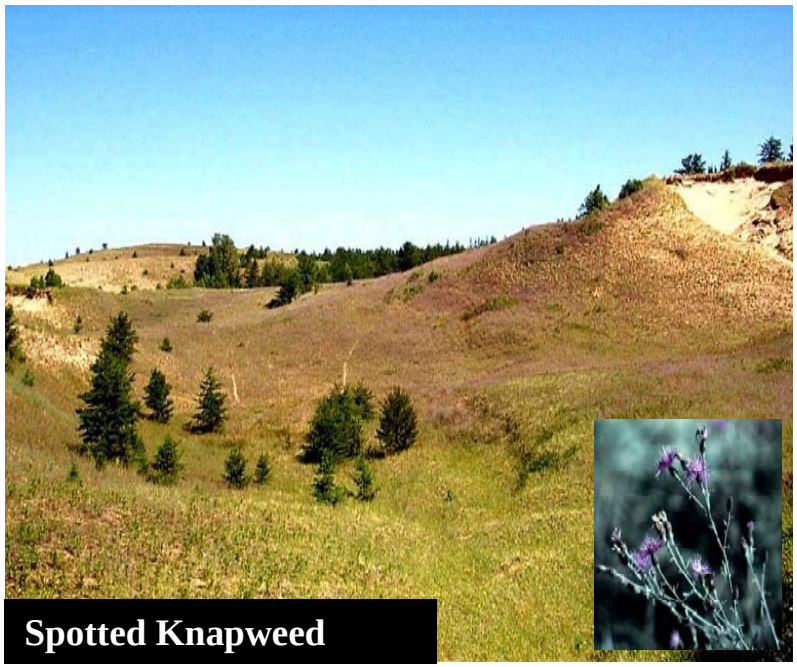
Threats to dune systems….



Spotted Knapweed

Baby's Breath

Leafy Spurge

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Control

Purple Loosestrife at Apostle Islands National Lakeshore

Herbicide application to individual plants

Release of leaf-feeding beetles (*Galerucella* spp.)

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Control

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Site Recovery

Spotted Knapweed Removal Project at Pictured Rocks National Lakeshore

This population of Spotted Knapweed, discovered on private property near the boundary of Pictured Rocks NL, was determined to be the source of infestation into the park.

Pictured Rocks National Lakeshore, MI

Pictured Rocks National Lakeshore, MI

Neighboring landowners were contacted and the population removed by the EPMT.

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Impacts to Threatened & Endangered Species...

Spotted knapweed impacts the dune habitat of the Federally threatened Pitcher's thistle at Pictured Rocks NL

Baby's breath seedlings march toward a Pitcher's thistle seedling at Sleeping Bear Dunes NL

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Spotted Knapweed poses a serious threat to the fragile dune systems of the Great Lakes Region.

Once established, knapweed tends to dominate the site thus reducing the abundance and diversity of native communities.

The most effective control is early detection and removal of pioneering plants.