

National Park Service Biological Resource Management Division



Exotic Plant Management Teams

Alaska

**Mid-Atlantic
Cooperative**

California

**National Capital
Region**

**Chihuahuan Desert/Southern
Shortgrass Prairie**

**North Coast
Cascades Network**

Colorado Plateau

Northeast

Florida/Caribbean Partnership

Northern Great Plains

Great Lakes

Northern Rockies

**Gulf
Coast**

Pacific Islands

Lake Mead

Southeast



Worthington Glacier, AK - Photo by Judy Daniels



Haleakala NP, Maui - Photo by Judy Daniels

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Pacific Islands Exotic Plant Management Team

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Kipahulu Science Reserve 2002

National Parks of Hawai'i



USS Arizona
Memorial



Kalaupapa



Haleakalā



Pu'ukoholā Heiau

Kaloko-Honokōhau

Pu'uhonua o Hōnaunau

Hawai'i
Volcanoes



Pacific Islands Exotic
Plant Management Team

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Pacific Islands Species

- **Miconia (*Miconia calvescens*)
aka: the purple plague**
- **Pampas grass (*Cortaderia* spp)**
- **Mexican weeping pine (*Pinus patula*)**
- **Fountain grass (*Pennisetum setaceum*)**
- **Silk Oak (*Grevillia robusta*)**
- **Gorse (*Ulex europaeus*)**
- **Giant reed (*Arundo donax*)**
- **Mullein (*Verbascum thapsis*)**
- **Blue gum (*Eucalyptus globulus*)**
- **Guava (*Psidium* spp)**



Miconia



Pampas grass



Pine invasion in sub-alpine shrubland:
Haleakala National Park

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Pacific Islands Control

Helicopters are used extensively

- Surgically spot spray individual targets in outlier populations and core area infestations (below left and top right)
- Flight lines and treated locations are mapped using portable computers and GPS units (bottom right)
- Prepare areas for ground crew sweeps



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Pacific Islands

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Proactively manage aggressive weeds to protect increasingly rare native communities in the Hawaiian Islands from invasion

