Hawaiian Monk Seals: Overview of Threats, Mitigation Actions, & Management



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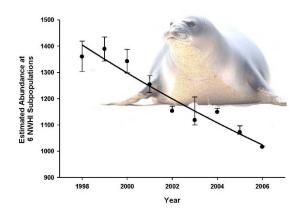
Photo: Ilana Nimz



RECOVERY PLAN FOR THE HAWAIIAN MONK SEAL

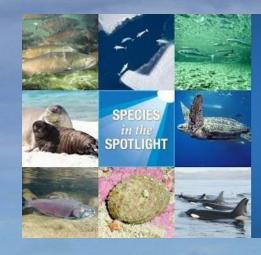
(Monachus schauinslandi)

REVISION

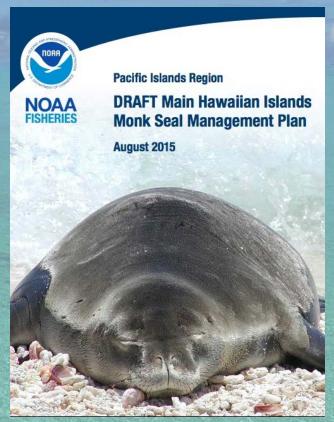


National Marine Fisheries Service National Oceanic and Atmospheric Administration

August 2007



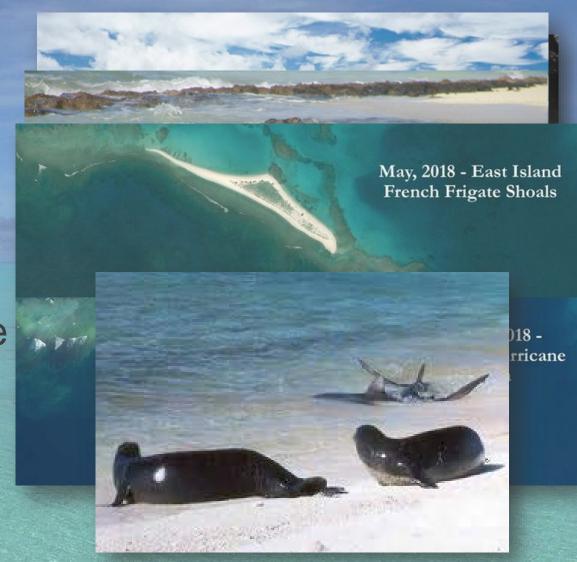
SPECIES
in the
SPOTLIGHT:
Survive to Thrive





Major Threats to Survival

Food Limitation
Entanglement &
Entrapment
Male Aggression
Habitat Loss/Climate
Shark Predation



Food limitation

(mostly juveniles)



Mitigation

Rehabilitation
Translocation (~300 pups)







Entanglement & Entrapment



Mitigation

Since 1982 disentangled 379 seals
Since 2015 released 23 from behind
Tern Island sea wall
Marine debris removal (800 metric tons)

Male Aggression





Mitigation

Hazing

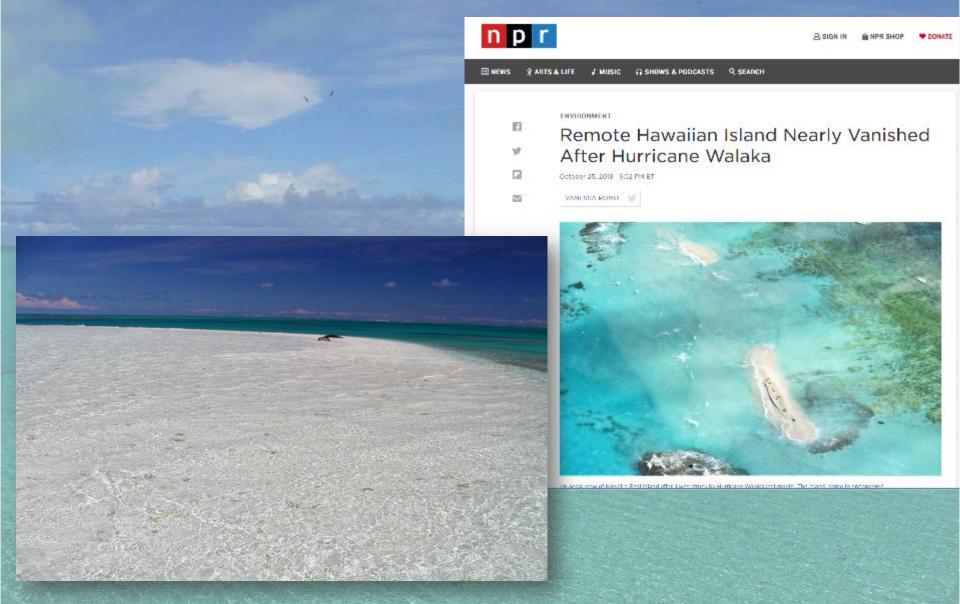
Wound treatment

Translocation (pups and/or males)

Permanent captivity (males)



Habitat Loss/Climate Change

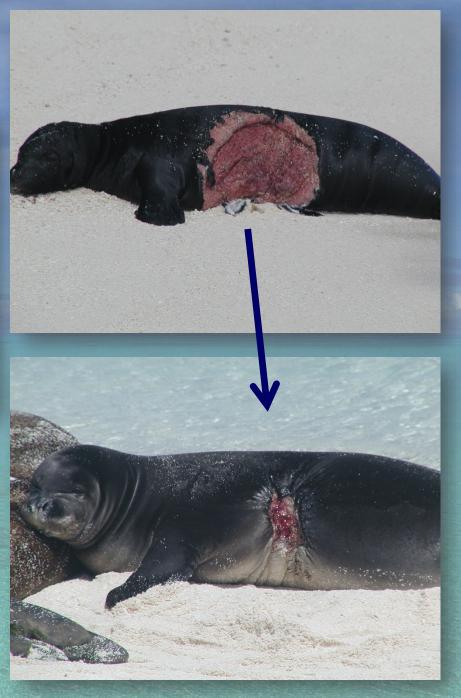


Shark Predation



Mitigation

Translocation (73 since 2015)
Monitoring & antibiotics
Shark removal





Major Threats to Survival

Infectious Disease
Fishery Interactions
Intentional Killings
Disturbance & Habituation



Disease: Morbillivirus

Mitigation

Vaccination program

- Launched 2016
- 84 MHI
- 654 NWHI



Disease: Toxoplasmosis





Mitigation

Interagency working group Outreach Strategic plan

Fishery Interactions



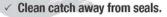


Accidents Happen It's OK to Call!











 Seals are wild and may bite.
 Never approach a hooked seal, call for help.

Monk Seal Response Network:

(888) 256-9840

www.fisheries.noaa.gov

Mitigation

Dehooking
Disentanglement
Net Removal
Reporting
Volunteer Network
Community Engagement



Intentional Harm/Killing

Mitigation

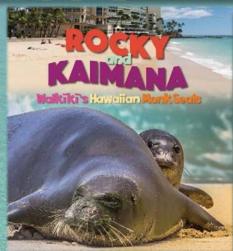
Community engagement projects (e.g., CritterCam)

Community in-reach

Outreach







Seal Disturbance & Habituation



Mitigation

Volunteer Network Reporting Outreach





Payoff of Interventions

About one-third of monk seals are alive today because of direct interventions





Partnerships





















Mahalo!

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