

Shearwater Soiree - 2013



2012 Monitoring - Summary

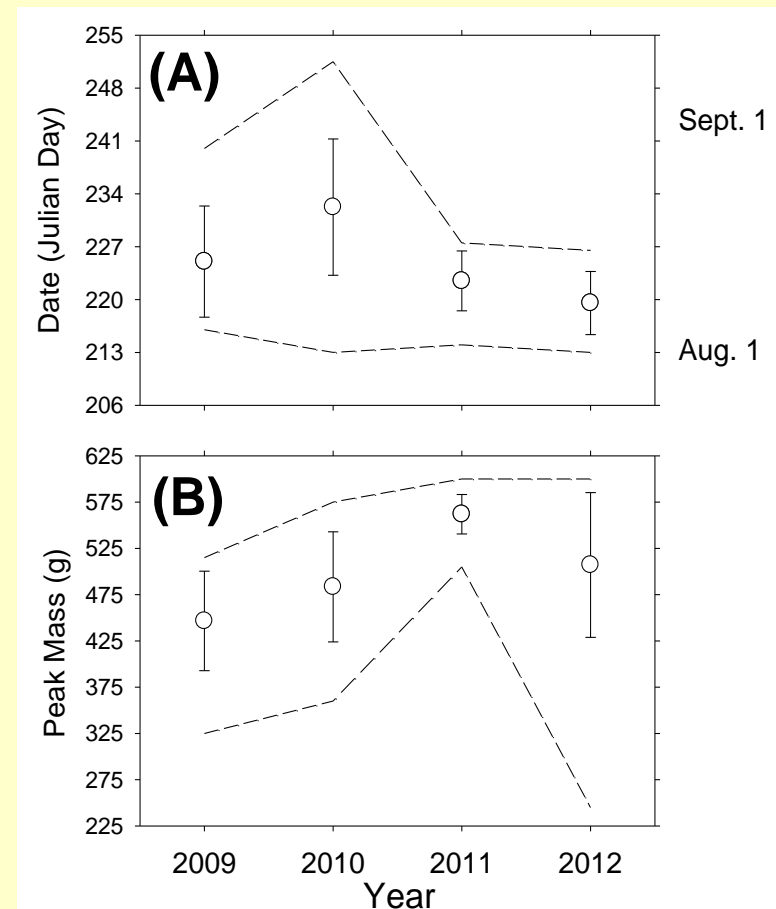
2012: Record breeding shearwater count at the Freeman Seabird Preserve

By K. David Hyrenbach, Assistant Professor of Oceanography, Hawai'i Pacific University, khyrenbach@hpu.edu
Wendy Johnson, HAS Executive Director

- July 14 census: **176 nests**
- Mid July: Marked 34 nests
- Followed through late Nov.

(A) normal hatching:
mean: August 14

(B) variable chick masses:
range: 240 - 600 g



Jan - March 2013: Weeding / Planting



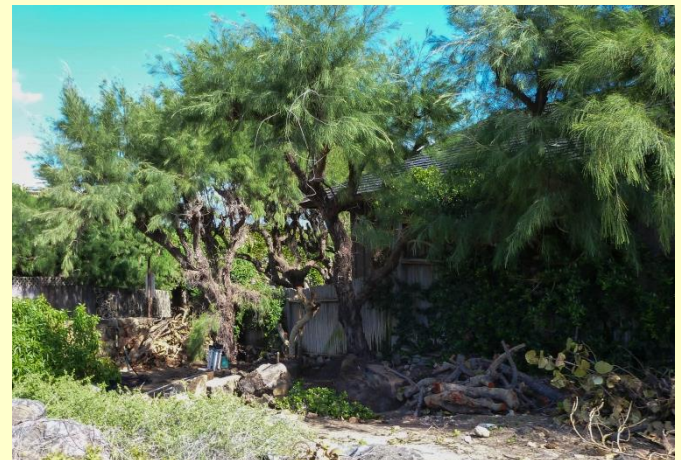
Sea Grape Eradication



Don Drake's (Carbon Neutral) Heroic Efforts



BEFORE (Jan. 29, 2013)



AFTER (Feb. 26, 2013)

Improving Breeding Habitat on Terrace



Birds Started Returning in Late March



Checking up on Incubation



- Summer Internship:
 - Harrison Pravder
(Washington University
in Saint Louis)
 - Chris Prestidge
(Shippensburg University)



- Daily nest checks
(June 3 - July 2)
- First egg laid: June 6
- Followed 155 nests

Keeping an Eye on the Preserve



Spying on the Birds



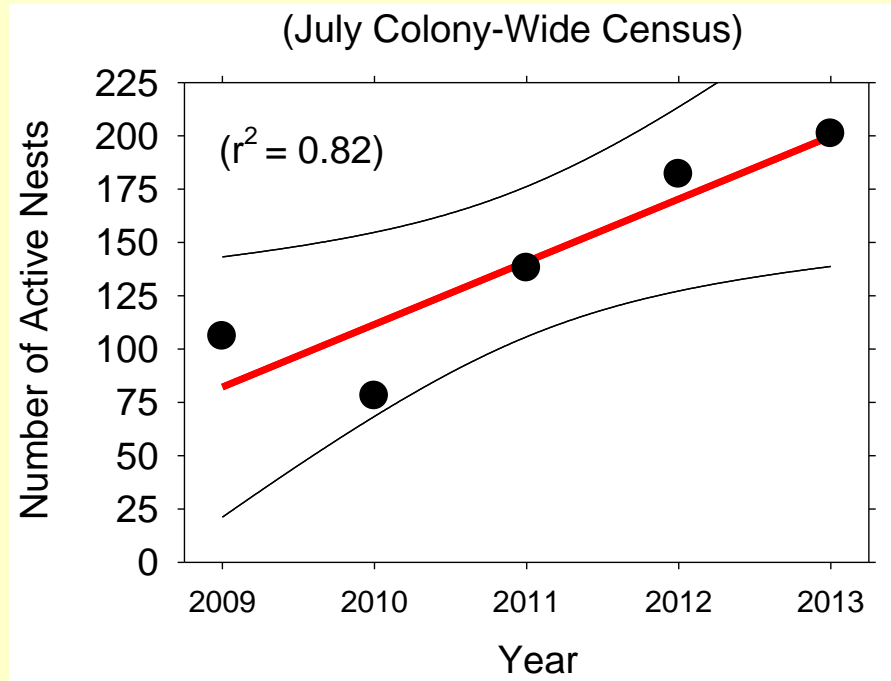
Spying on the Birds



Fourth Annual Colony Census (July 14)



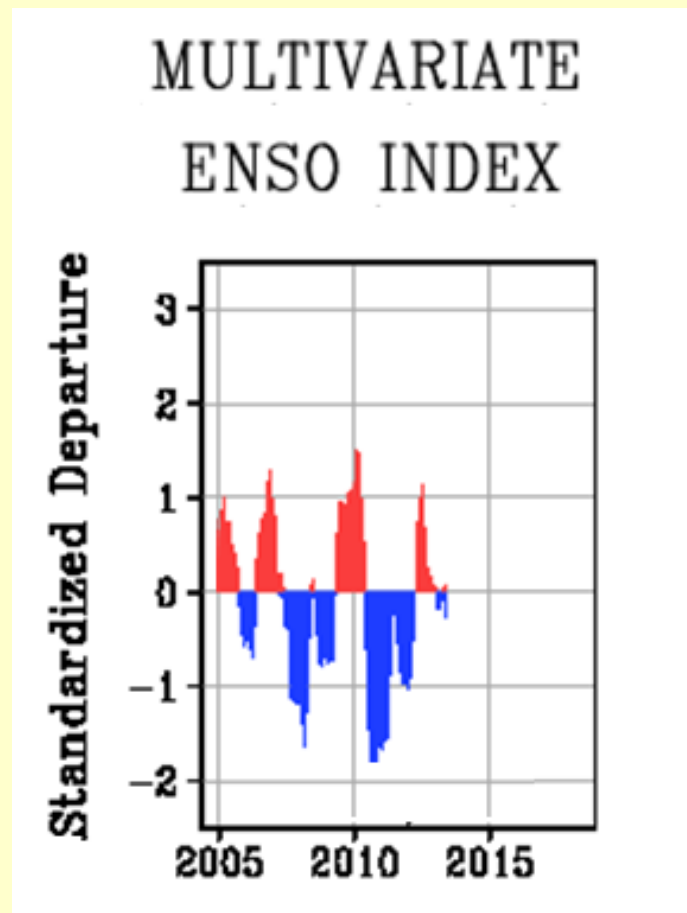
Significant Trend: 29% per year



2013 Expectations

El Niño Southern Oscillation:

- Neutral conditions
- Equatorial sea surface temperatures (SST) near average across western and central Pacific Ocean
- ENSO-neutral expected into the Northern Hemisphere fall 2013



2013 - The Plan

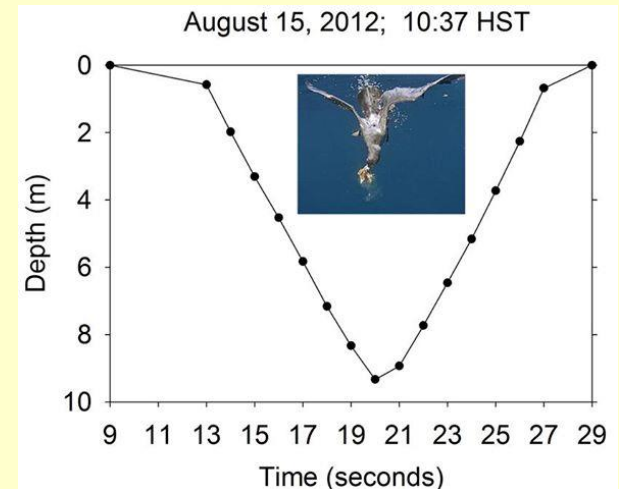
Monitoring - Chicks

- This week: Marking nests
- Check weekly through late Nov.



Research - Adult Foraging

- Diving: Tag deployments (year 2)
- Movements: GPS (multiple sites)



Keep your eye on the Birds

 **Freeman Seabird Preserve** 

 **Freeman Seabird Preserve** **Timeline** **Now**  **Status**  **Photo / Video**  **Event, Milestone +** **Promote Page**



Freeman Seabird Preserve
92 likes · 14 talking about this · 9 were here

Wildlife Sanctuary
A small colony of Wedge-tailed Shearwaters reside at FSP, and it is the last of its kind on the south shore of O'ahu. There are also many endangered native plants growing on the property! Please help spread awareness!!

About **Photos** **Likes** **Map**



<https://www.facebook.com/FreemanSeabirdPreserve>

Thanks

To all the volunteers who have contributed to the restoration of the Freeman Seabird Preserve



To Chris & Harrison for all of their hard work
- see posters

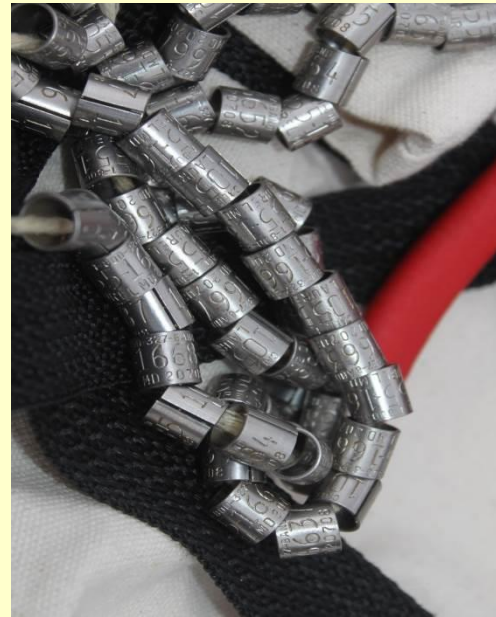
To Carolyn and Mark Blackburn
- ongoing support



Freeman Seabird Preserve (Chick Banding - Nov. 2013)



You and a friend come out to FSP with David Hyrenbach to band Shearwater Chicks



Freeman Seabird Preserve (Outreach Presentation)



David Hyrenbach will give a presentation on
Wedge-tailed Shearwaters at your club / school



Freeman Seabird Preserve (January 29, 2013)

