

Sea Star Wasting Syndrome

National Park Service
US Department of the Interior



Steven C. Fradkin
OCNMS SAC Meeting 1/24/14
ONRC, Forks, WA

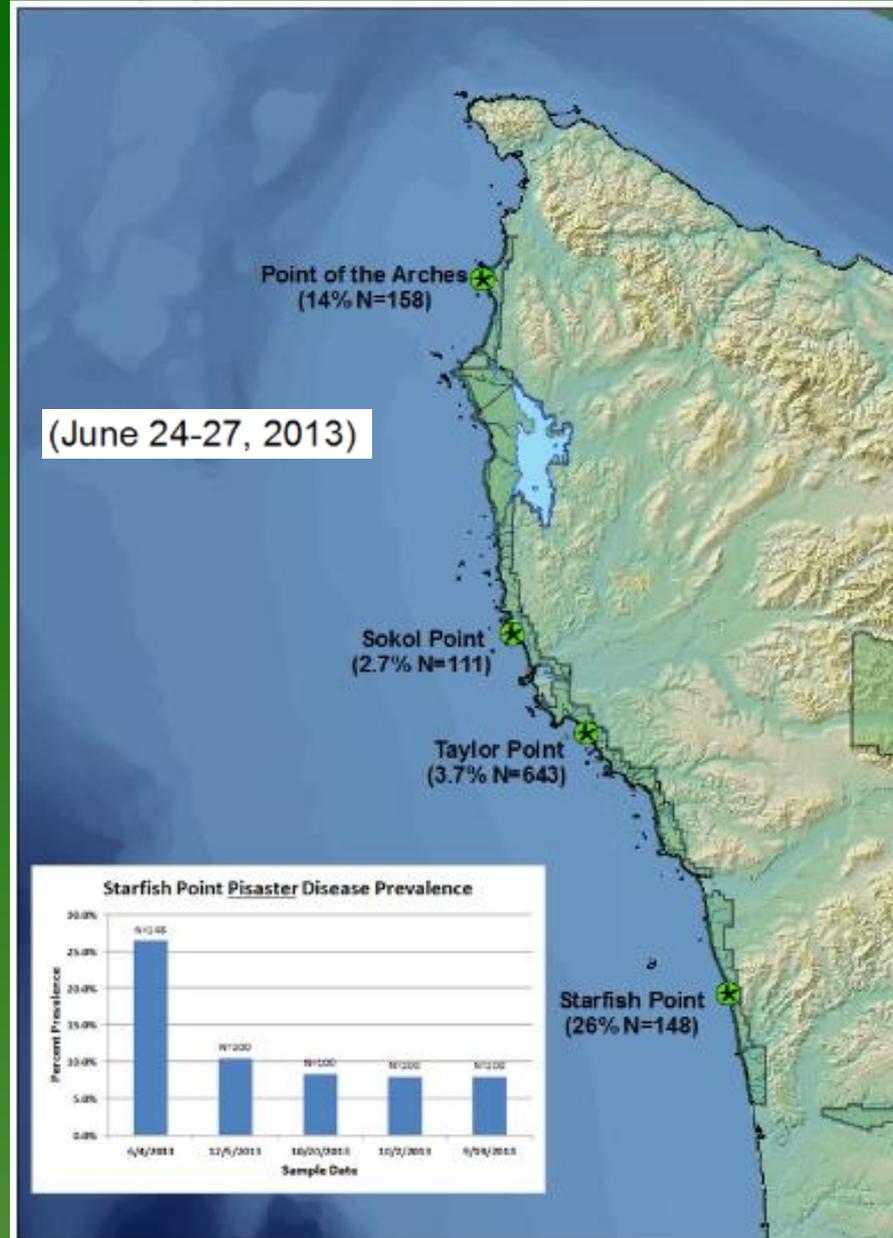


Sea Star Wasting Syndrome: First Signs

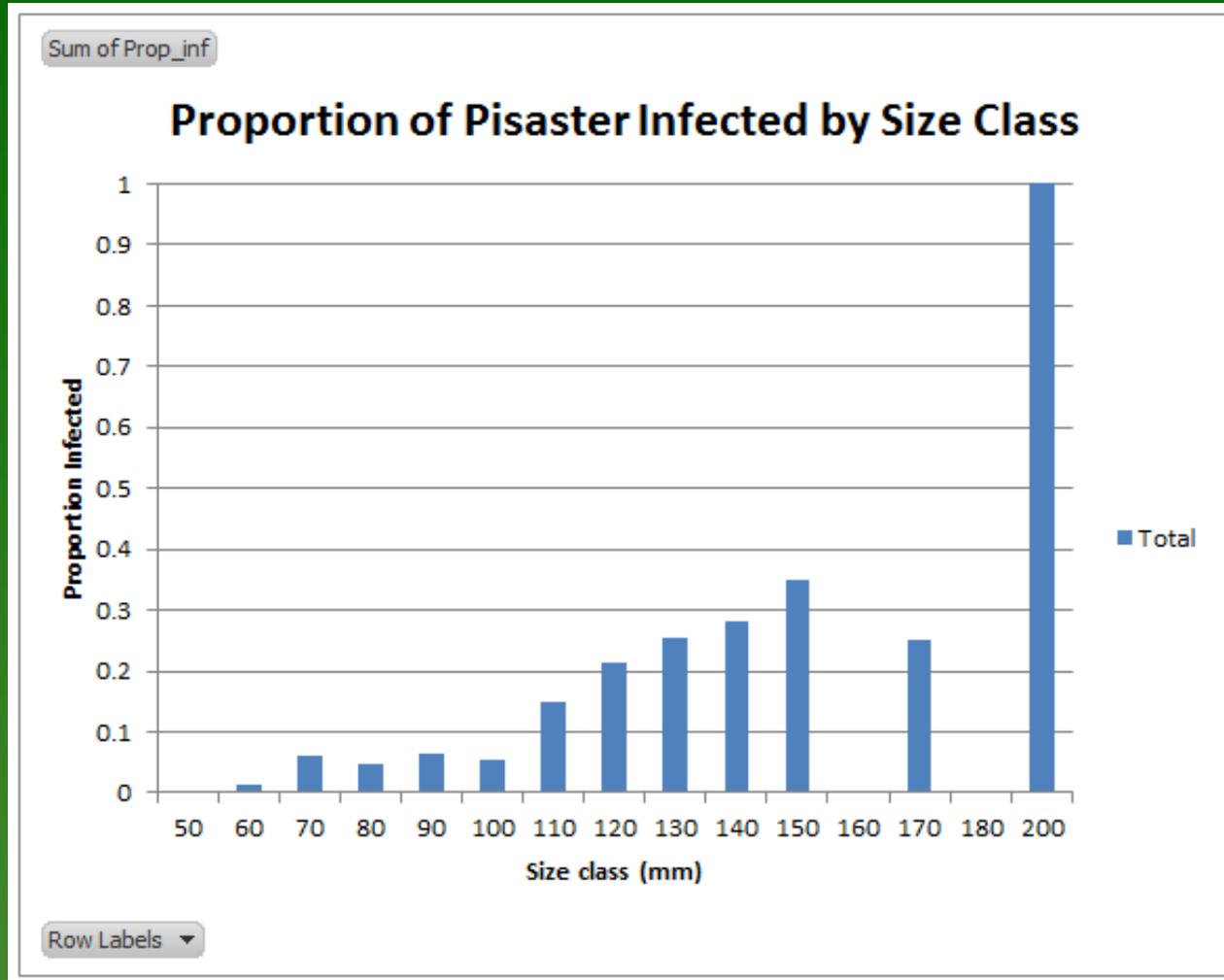
National Park Service
US Department of the Interior



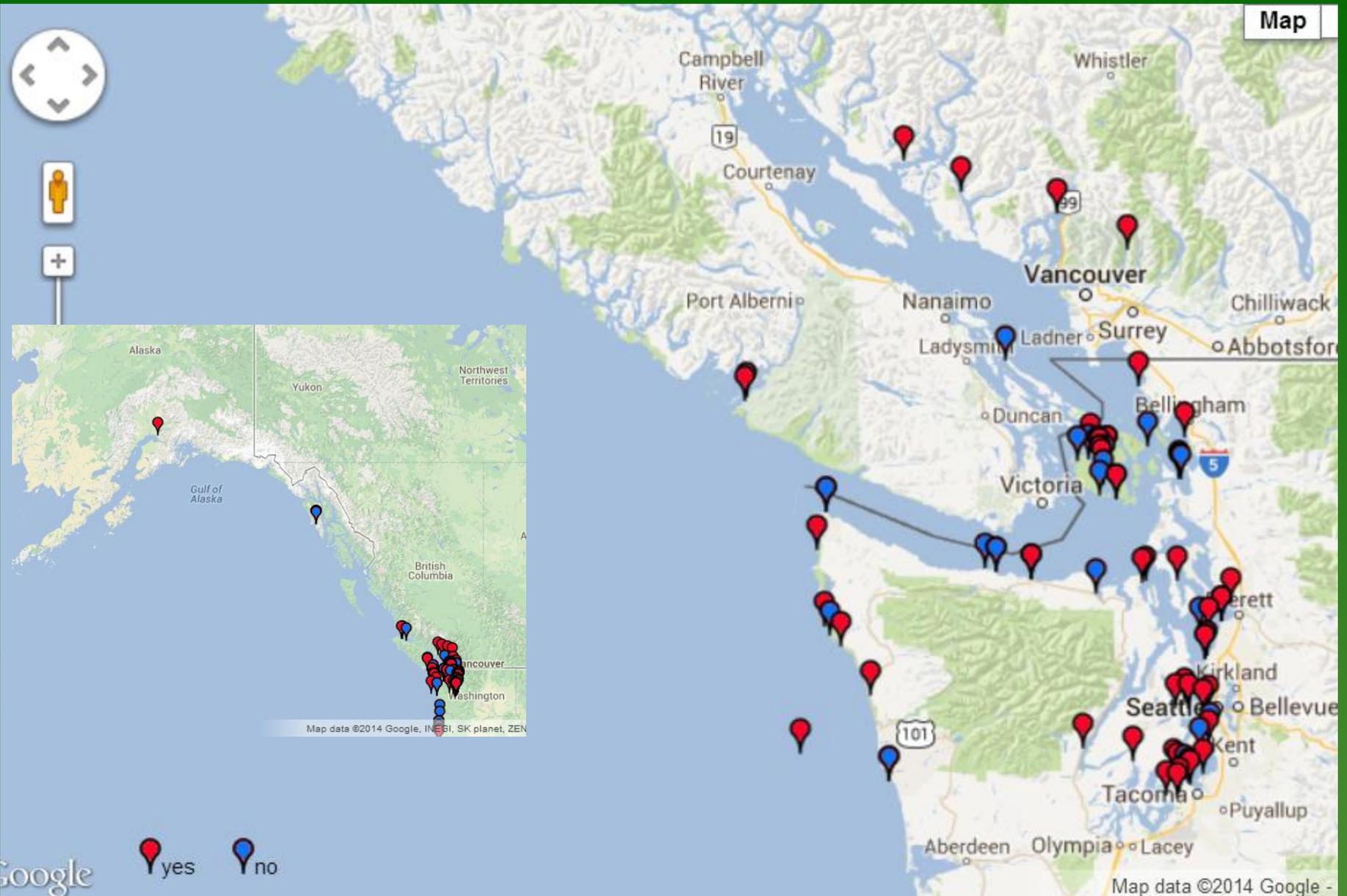
Sea Star Wasting Syndrome: OLYM



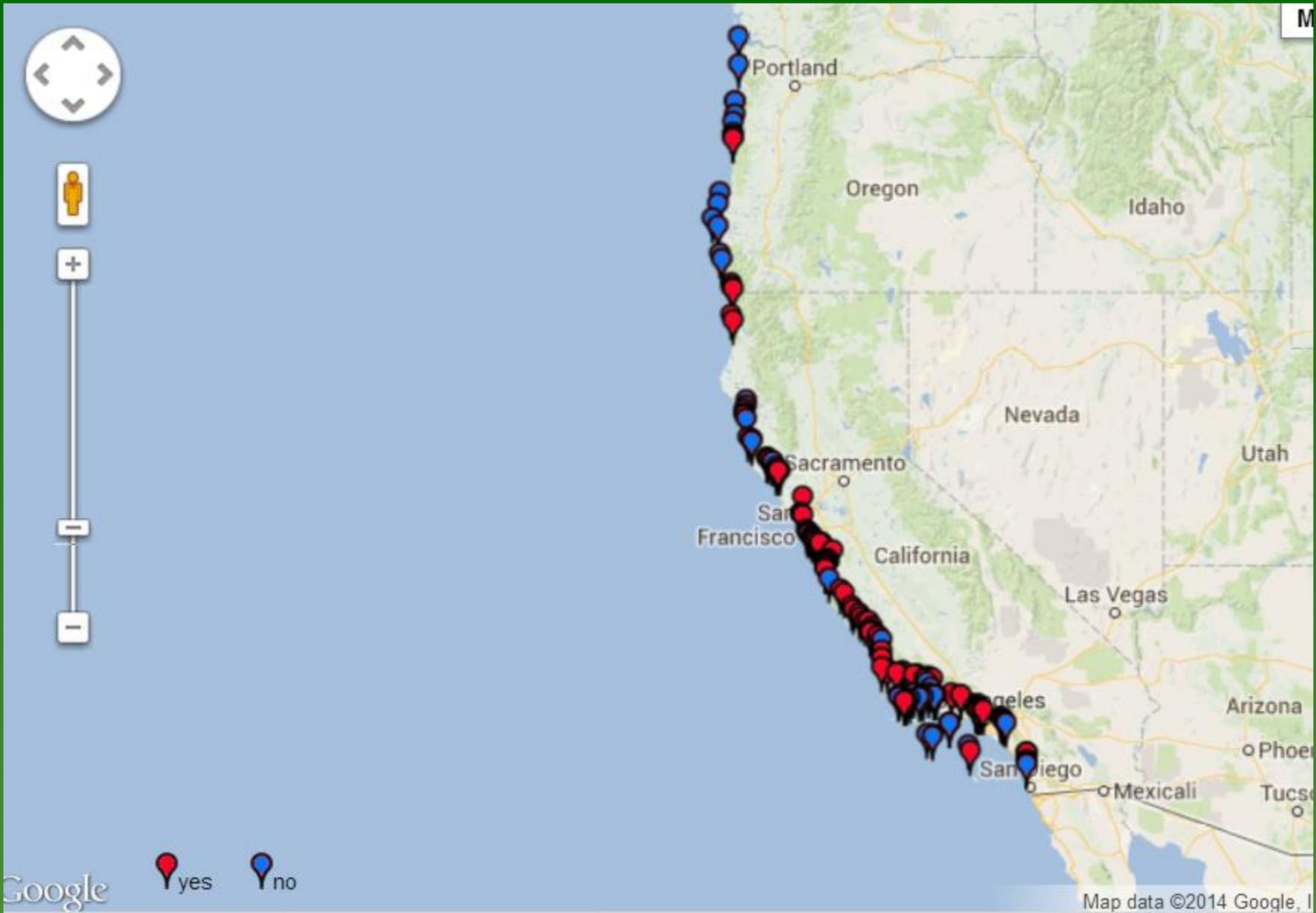
Sea Star Wasting Syndrome: Size



Sea Star Wasting Syndrome: Spatial Patterns



Sea Star Wasting Syndrome: Spatial Patterns



Sea Star Wasting Syndrome : Clearing House



www.eeb.ucsc.edu/pacificrockyintertidal/data-products/sea-star-wasting/index.html

ECOLOGY AND EVOLUTIONARY BIOLOGY

[ABOUT](#) [ACADEMICS](#) [RESEARCH](#) [FACULTY](#) [NEWS & EVENTS](#) [SUPPORT US](#)

Home >

[Pacific Rocky Intertidal Monitoring](#)
[Sea Star Wasting Syndrome](#)
[Overview](#)
[Survey Methods](#)
[Interactive Map & Graphing Tool](#)
[Study Regions](#)
[Site Pages & Trend Graphs](#)
[Target Species](#)
[Species of Concern](#)
[Broad Scale Patterns](#)
[Projects & Data Products](#)
 [Sea Star Wasting Syndrome](#)
[Publications](#)
[Research Groups](#)
[Data Requests & Contact Info](#)
[Funding Partners](#)
[Acknowledgements](#)

Pacific Rocky Intertidal Monitoring: Trends and Synthesis



[pacificrockyintertidal.org home](#)

Sea Star Wasting Syndrome

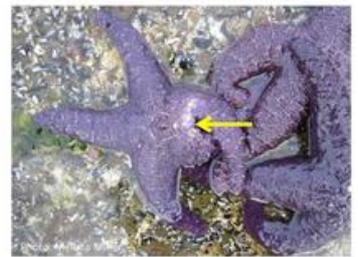
[SEA STAR WASTING MAP \(AS OF JAN 9, 2014\)](#) [SUMMARY UPDATES \(AS OF JAN 21, 2014\)](#)
[PRESS RELEASE \(DEC 22, 2013 PDF\)](#)
[CLICK HERE TO DOCUMENT OBSERVATIONS](#)
[CLICK HERE TO COLLECT ADDITIONAL \(QUANTITATIVE\) DATA](#)
[CLICK HERE FOR A GUIDE TO WASTING SYMPTOMS IN OTHER SEA STAR SPECIES](#)



Sea Star Wasting Syndrome : The Field Guide

Category 1

lesion(s) on 1 arm or body
Tissue degradation in some of these photos may be the result of multiple lesions merging, but it is restricted to a single arm, or single location on the oral disk.



Category 2

lesions on 2 arms or 1 arm and body, deteriorating arm(s)



Arm starting to separate

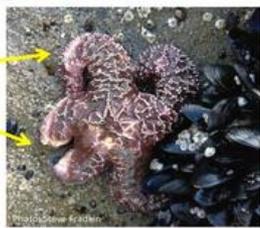


Tissue deteriorating on 2 arms

Category 3

lesions on most of body, 1-2 missing arms

Missing tips of 2 arms, lesion on 3rd



Missing 1 arm

tissue deterioration on 2nd arm

Missing 1 arm



Category 4

severe tissue deterioration/death, ≥ 3 missing arms

Missing most arms



Missing tips of all arms



Missing most arms

