

#### International Bird Rescue

#### Founded in 1971:

- Oregon and Arizona Standard tankers collision, Golden Gate
- >20,000 birds estimated killed
- >7,000 collected alive
- 40,000+ people trying to help birds
- Only ~300 birds released
- Since then, rehabilitation and oil spill response fields have blossomed







# BUT 48 YEARS LATER, IBR IS NOT JUST ALL ABOUT OIL SPILLS...

HABS

Baby season

Adverse weather

Unusual
contaminants

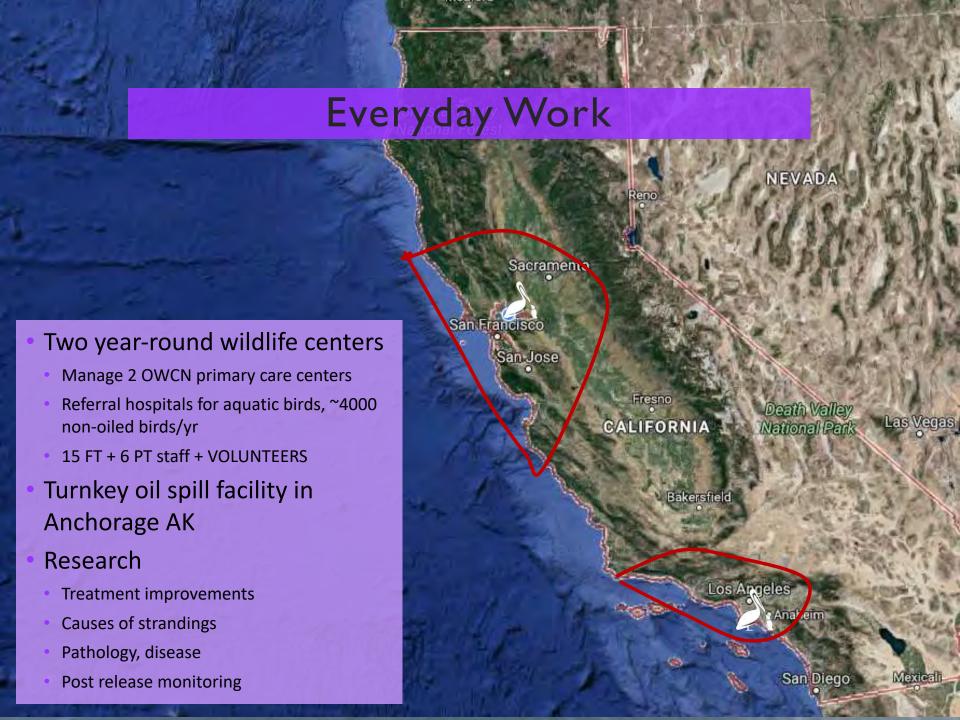
...OUR WORK LARGELY INVOLVES A
NEARLY CONTINUOUS STRING OF
MASS STRANDING EVENTS

Ocean food supply

Misc wildlife calamities

Oil spills

Diseases



#### Post-Release Monitoring

- IBR federally bands all released birds
  - Began banding in 1979
- Banding data allows for follow-up
  - Metal federal band
    - Hard to read unless in-hand
    - Mostly dead reports
  - Plastic easy-read bands
    - Blue: Brown Pelicans
    - Red: Snowy Egrets
    - Black/white: Black-crowned Night Herons





# MUCH OF WHAT THEY SEND US ARE FISHING HOOK/LINE INJURED BIRDS

#### Major species affected

Western Gull

Brown Pelican

Common Murre

Brandt's Cormorant

California Gull

**Surf Scoter** 

Western Grebe

Example: Mont SPCA FHL cases

33% transferred

45% die/euth

22% released (mostly WEGUs)

#### Minor species affected

American White Pelican

Ashy Storm-Petrel

Black-crowned Night-heron

Canada Goose

Common Loon

Common Merganser

Double-crested Cormorant

Elegant Tern

Glaucous-winged Gull

Heermann's Gull

Horned Grebe

Mew Gull

Northern Fulmar

Pacific Loon

Pelagic Cormorant

Pigeon Guillemot

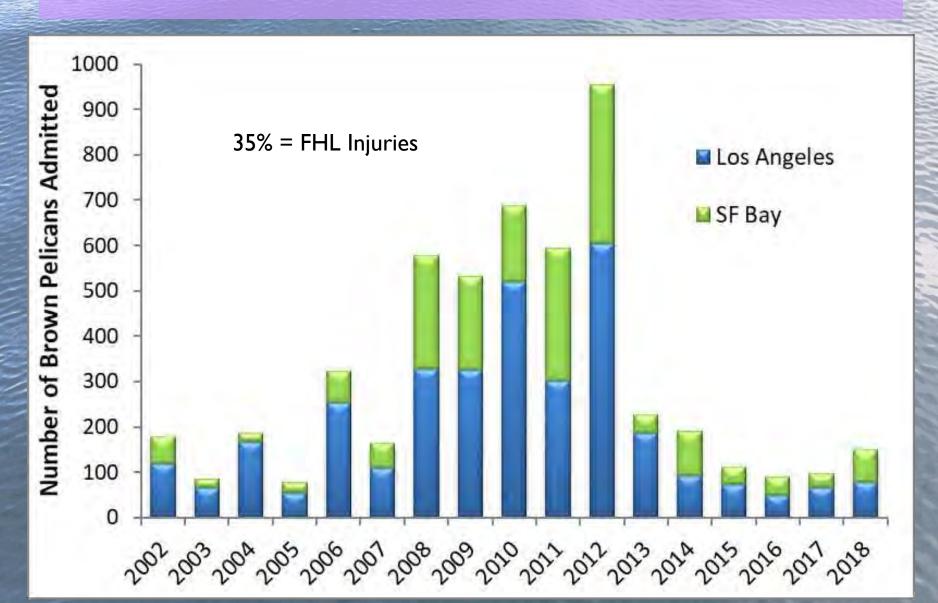
Red-throated Loon

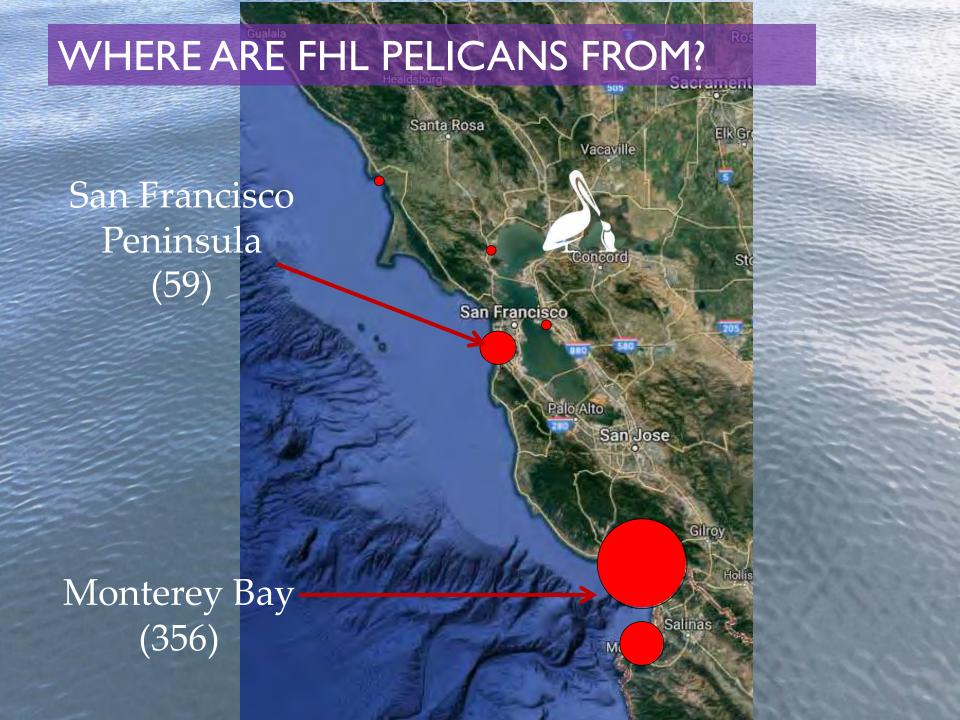
Snowy Egret

Willet

Only live birds are transferred

## WE TREAT A LOT OF PELICANS... 2002-2018 = 5028 CA Brown Pelicans



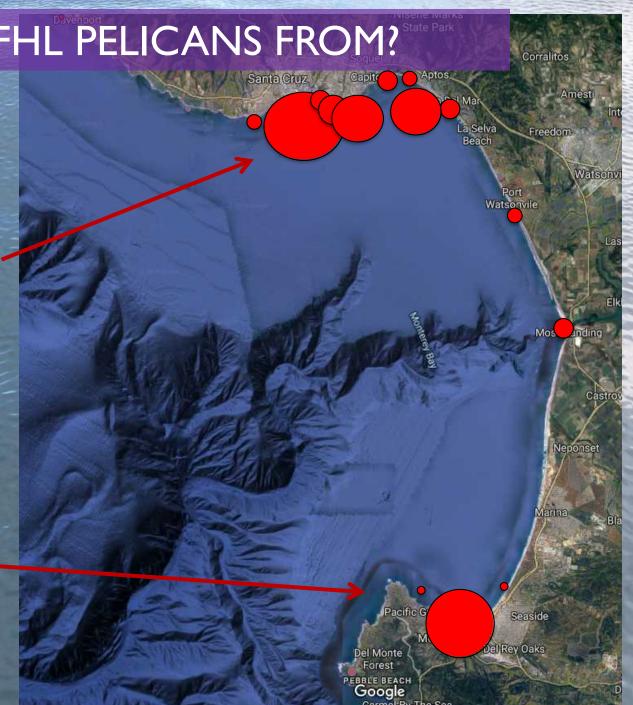


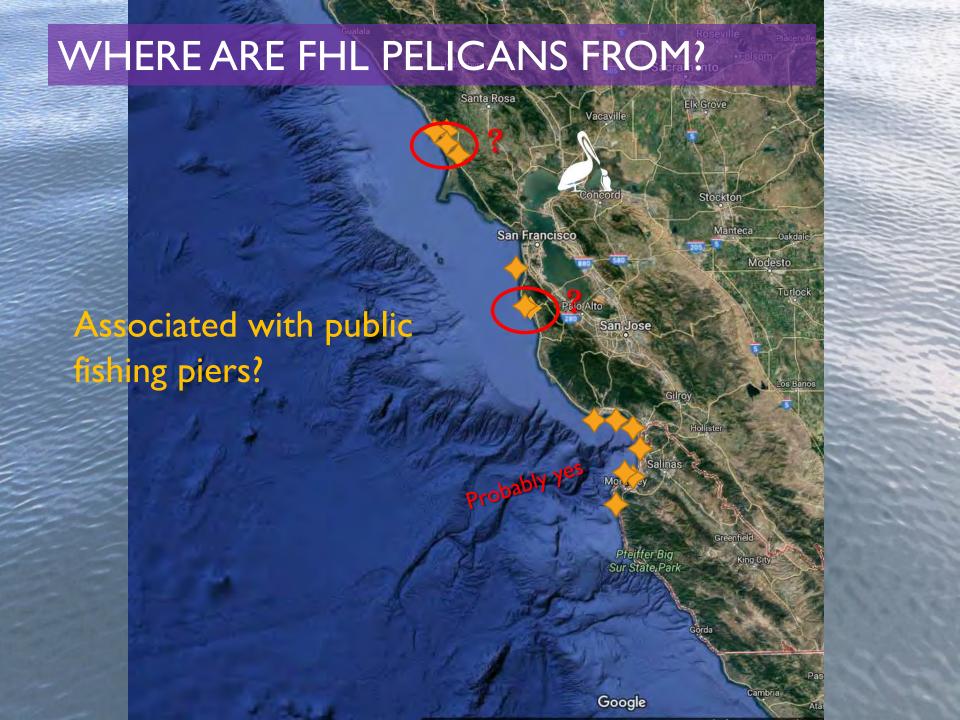
### WHERE ARE FHL PELICANS FROM?

MONTEREY BAY

> Santa Cruz (248)

Monterey (108)

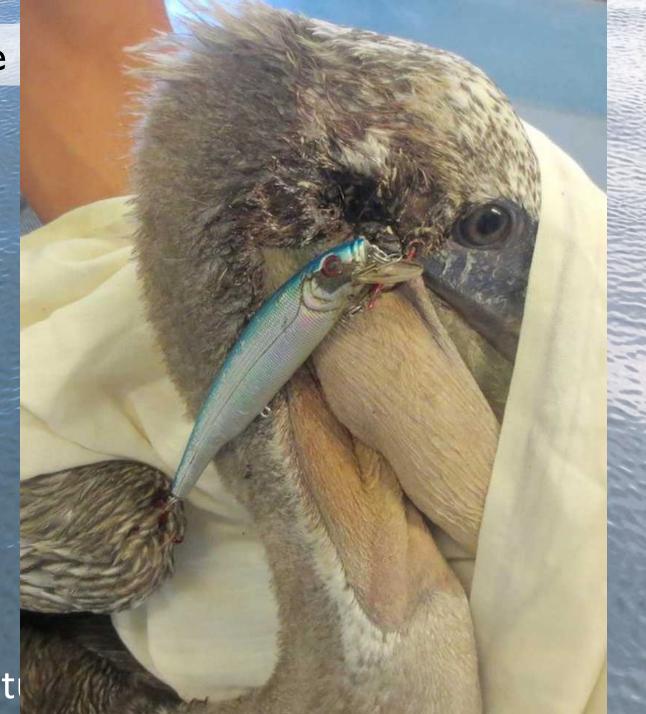






#### Damage Done

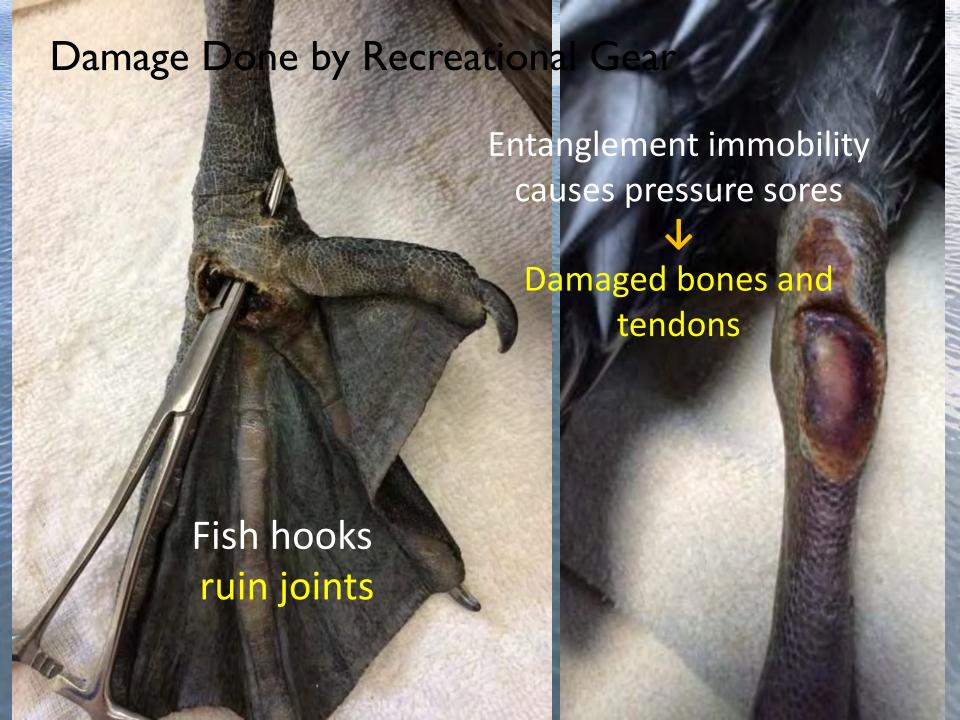
Faux fish with multiple treble hooks cause the worst damage

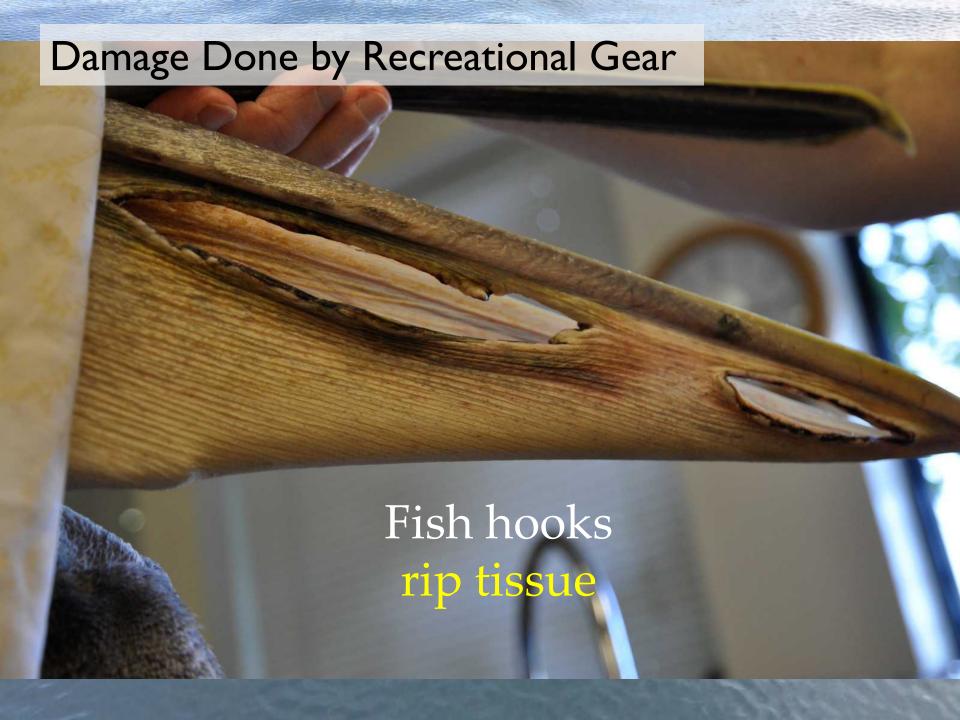


Punct







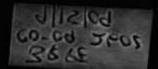


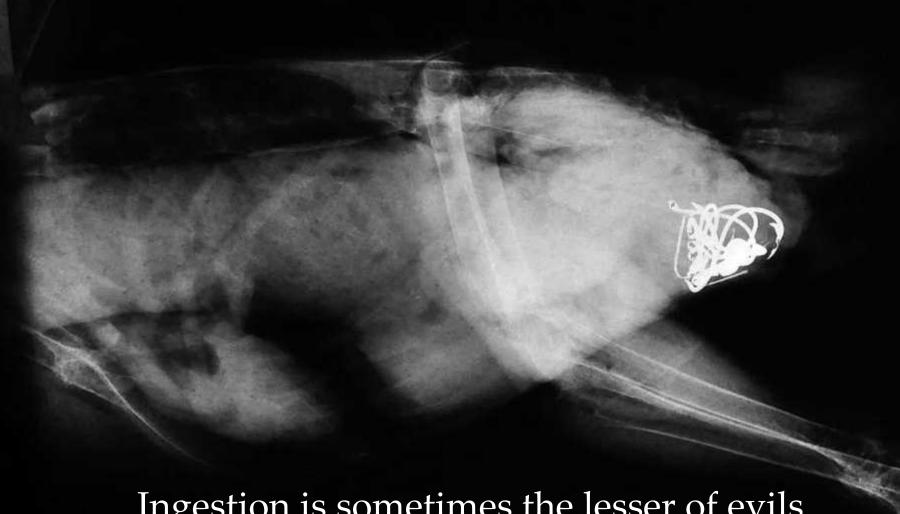






#### Damage Done by Recreational Gear





Ingestion is sometimes the lesser of evils (assuming no lead)









# Pier fishing may be 'free' to fishers.... but NOT TO US

Or to the birds: pain, suffering, disability, death

Costs of treating fishing gear injured birds				
	n	Birds days in care	low est	high est
2017	73	1345	\$21,520.00	\$48,420.00
2018	86	2215	\$35,440.00	\$79,740.00

Plus 19,709 volunteer hours/year (SF Bay center only)

