

Light-footed Clapper Rail

Rallus longirostris levipes



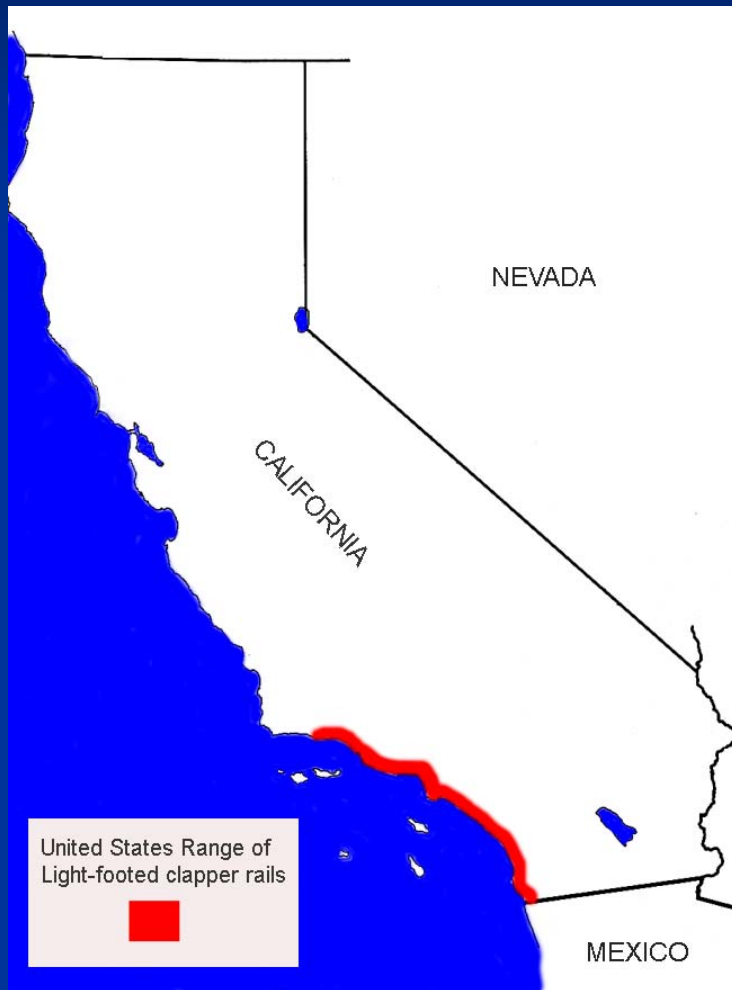
Light-footed Clapper Rail



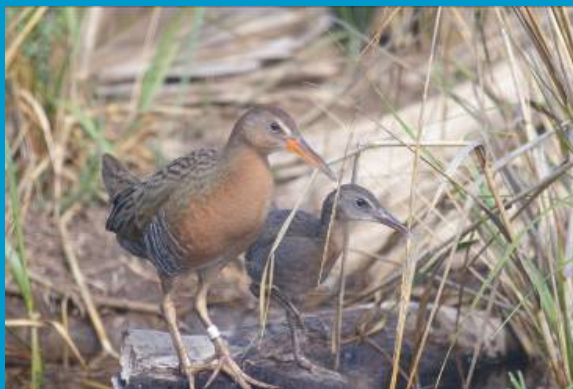
Status of LFCR

- Federally endangered species, \approx 600 individuals in U.S in 2001
- 402 breeding pairs in 2006 - largest total on record since the '80s

Status of LFCR



- Ranges from Santa Barbara, CA to North Baja
- Found exclusively in coastal salt marshes



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Captive Breeding at the Chula Vista Nature Center-1998



- Enclosure built
- 1st pair captured

First Captive Breeding

- Both pairs produced eggs at the Chula Vista Nature Center
- First attempt at egg swapping with wild nests...



Artificial Incubation

Eggs are candled:

- To determine fertility
- To monitor embryo development
- To determine progress during hatch
- Information is recorded on egg data logs



Daily Chick Records

Light Footed Clapper Rail (HAND REARING)

Date _____

Pair from CVNC, Sire: 007 Dam: 052 Green (LFCR113) Yellow (LFCR114) Pink LFCR115

Hatch date: March 13, 2004

Day _____



Time	Change Water	Chick Starter	Black Worms	Wax Worms	Meal Worms	Egg	Crickets	Silver Sides	Lake Smelt	Krill	Misc.	<u>Vits.</u>	Temp.

AM Weights: Green-R

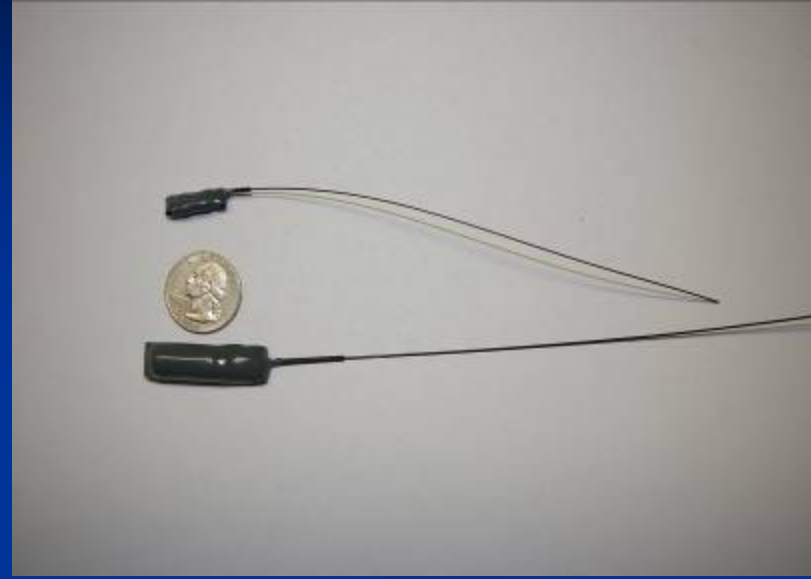
Vitamins: B= Vit. B1, C= Calcium Carb., P= Poly



Transitioning For Release



Banding and Telemetry



Telemetry 2005 and 2006



Telemetry confirmed captive produced birds could survive after release...and

Education - Interpretation



Education - Involvement

- Student interns
- Bird keepers
- Volunteers
- Local communities
 - Nest platforms
 - Surveys



Education - Media



Project Future



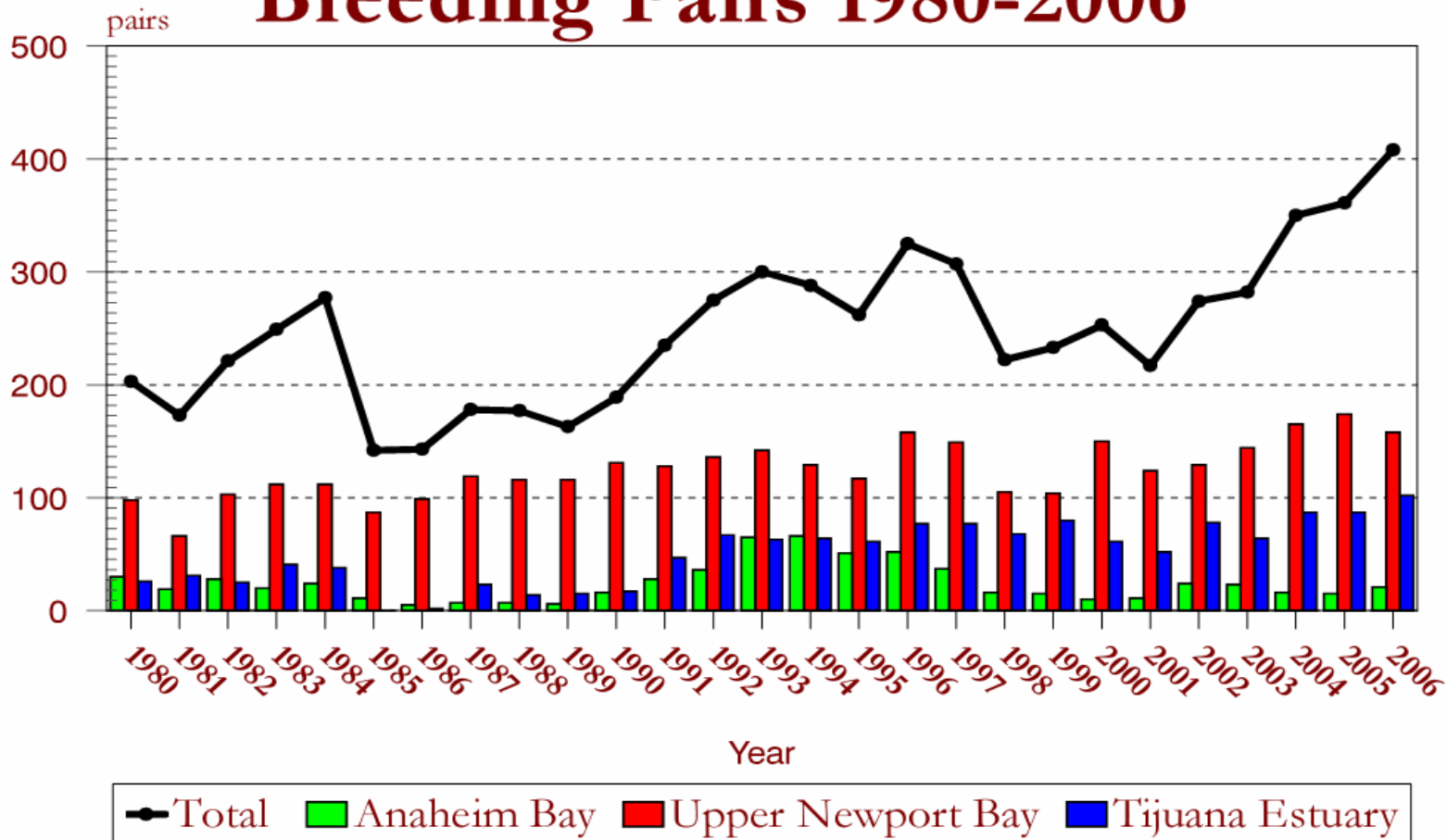
Combine releases in the wild with artificial nest deployments.

Results

- 2001 : 217 breeding pairs in the wild
- 2006: 408 pairs of birds = 191 New Pairs
- 200 rails have been reared & released in 9 distinct marshes/populations since 2001



Light-footed Clapper Rail Breeding Pairs 1980-2006



from CDFG Censuses, R. Zembal

