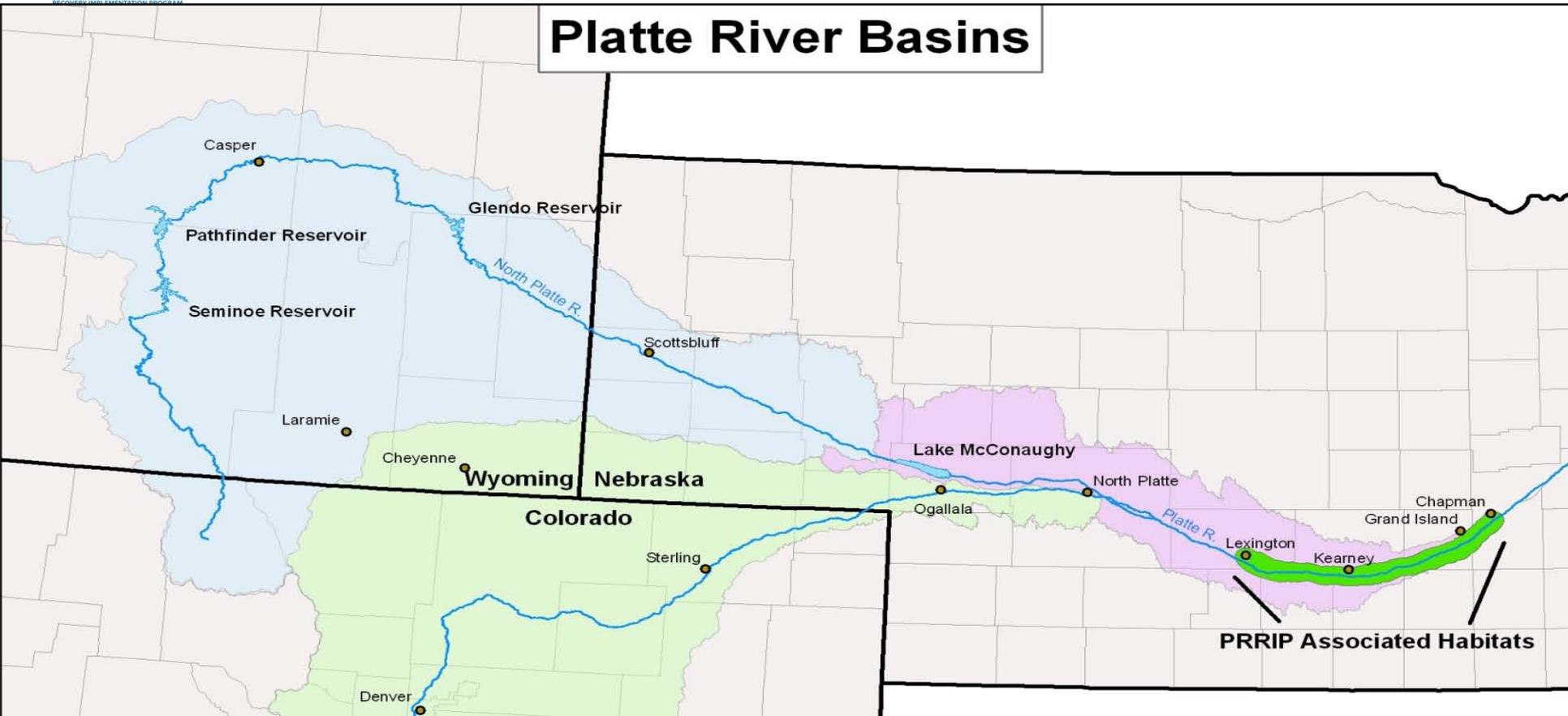


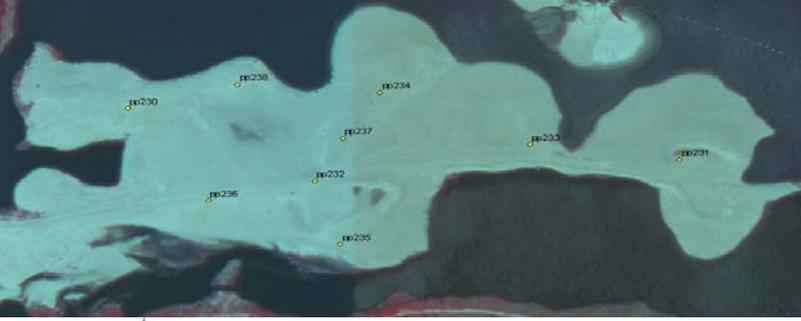


# 2011 CPR Piping Plover Summary Report

## Platte River Recovery Implementation Program

### Platte River Basins





What measures of abundance and productivity do you collect in your area?

## □ Semi-monthly surveys

- Lexington - Chapman
- River & Sandpits

## □ Abundance

### □ Habitat

- Vegetation, furniture, substrate...

## □ Semi-weekly surveys

- Inside and outside monitoring

## □ Targeted monitoring

## □ Productivity

- Nests
  - Initiation date, # eggs, fate...
- Chicks
  - count, weigh, band
- Fledglings

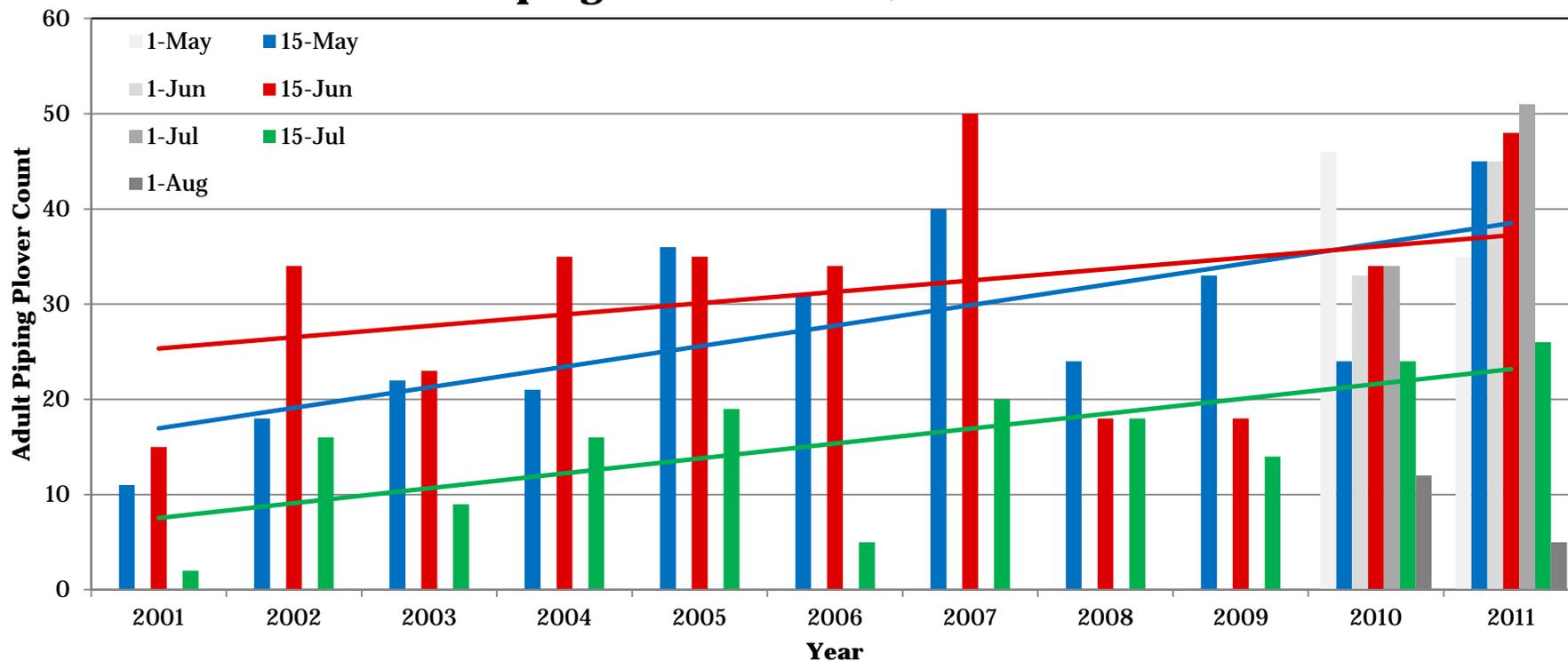
## □ Adult and chick banding

## □ Survival & Fidelity



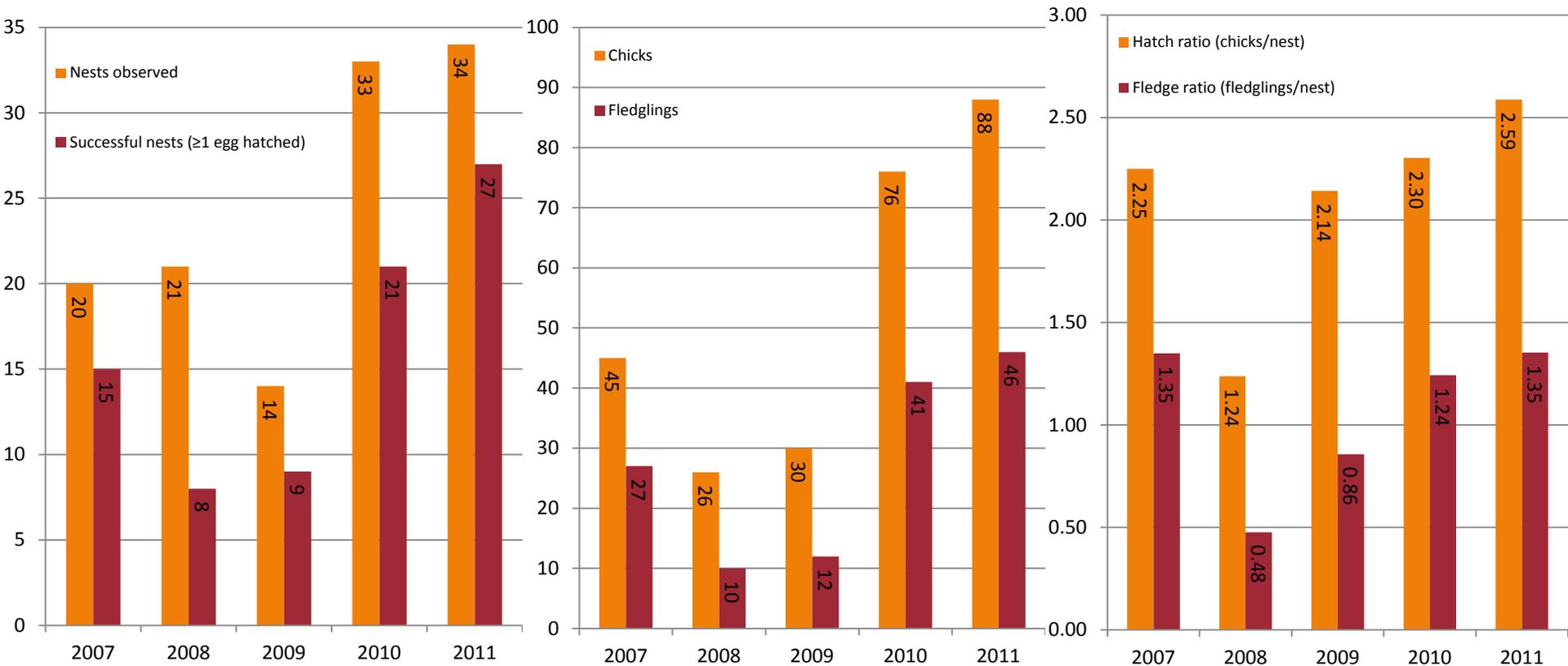
## Recent trends in abundance

### Mid-month and Semi-monthly Adult Piping Plover Counts, 2001-2011





## Recent trends in productivity





What are the key habitat features that influence number and distribution of plovers in your area and how much do those features vary within and among years?

## □ Habitat Availability

### □ On-channel (river island) habitat

- 3 nesting islands exposed during 2011 (~6 Acres)
- Dependant on mechanical creation/maintenance
- Net loss of river habitat the past 2 years

### □ Off-channel (sandpit) habitat

- 12 sandpits monitored during 2011 (~130 Acres); 7 managed; 5 mined
- Program added ~35 acres; enhanced ~35 acres
- Slight increase in sandpit habitat

## □ Comprehensive habitat availability assessment

Age	2009	2010	2011	Total
Adults	11	13	2	26
Chicks	25	64	~65	154
Total	36	79	67	180



What information currently exists on how plovers in your area interact with the larger NGP population?

## Sightings of CPR banded plovers on the CPR

- 24 full band combos; 9 associated with a nest
- 10+ additional incomplete band combos; some missing flag

## Sightings of CPR banded plovers outside the CPR

- Matagorda Texas
- Loup River

## Additional sightings on the CPR

- 1 plover banded on Lake Sakakawea
- 1 plover banded by Tern and Plover Conservation Partnership
- 3 green flag plovers; 2 banded on Dauphin Island, Alabama



What is an additional key piece of information you would like to know about your population? What would be the monitoring tool needed to obtain that information?

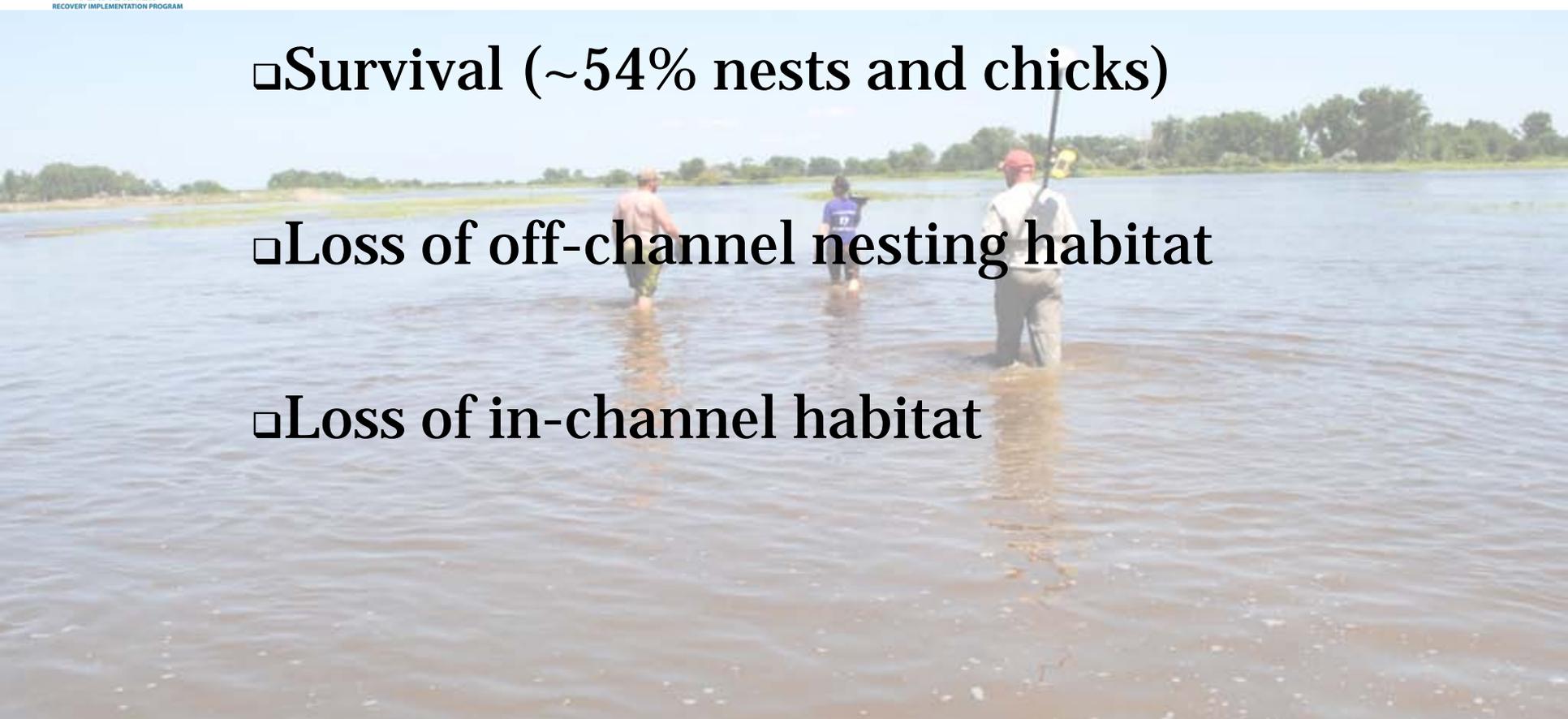
## ❑ Adult/Fledgling Survival Rates

- ❑ Additional surveys of some systems
- ❑ Additional effort at other sites
- ❑ On-line reporting site
  - ❑ Web page to upload information



What are the most serious threat plovers face in your area?

- Survival (~54% nests and chicks)
- Loss of off-channel nesting habitat
- Loss of in-channel habitat



# Questions???



## 2011 CPR Piping Plover Summary Report Platte River Recovery Implementation Program

