

Commercial Low-Frequency Electrofishing for Invasive Catfish

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**Grant Funding Provided by
VA Sea Grant Fisheries Resource Grant**

Permit Provided By VMRC

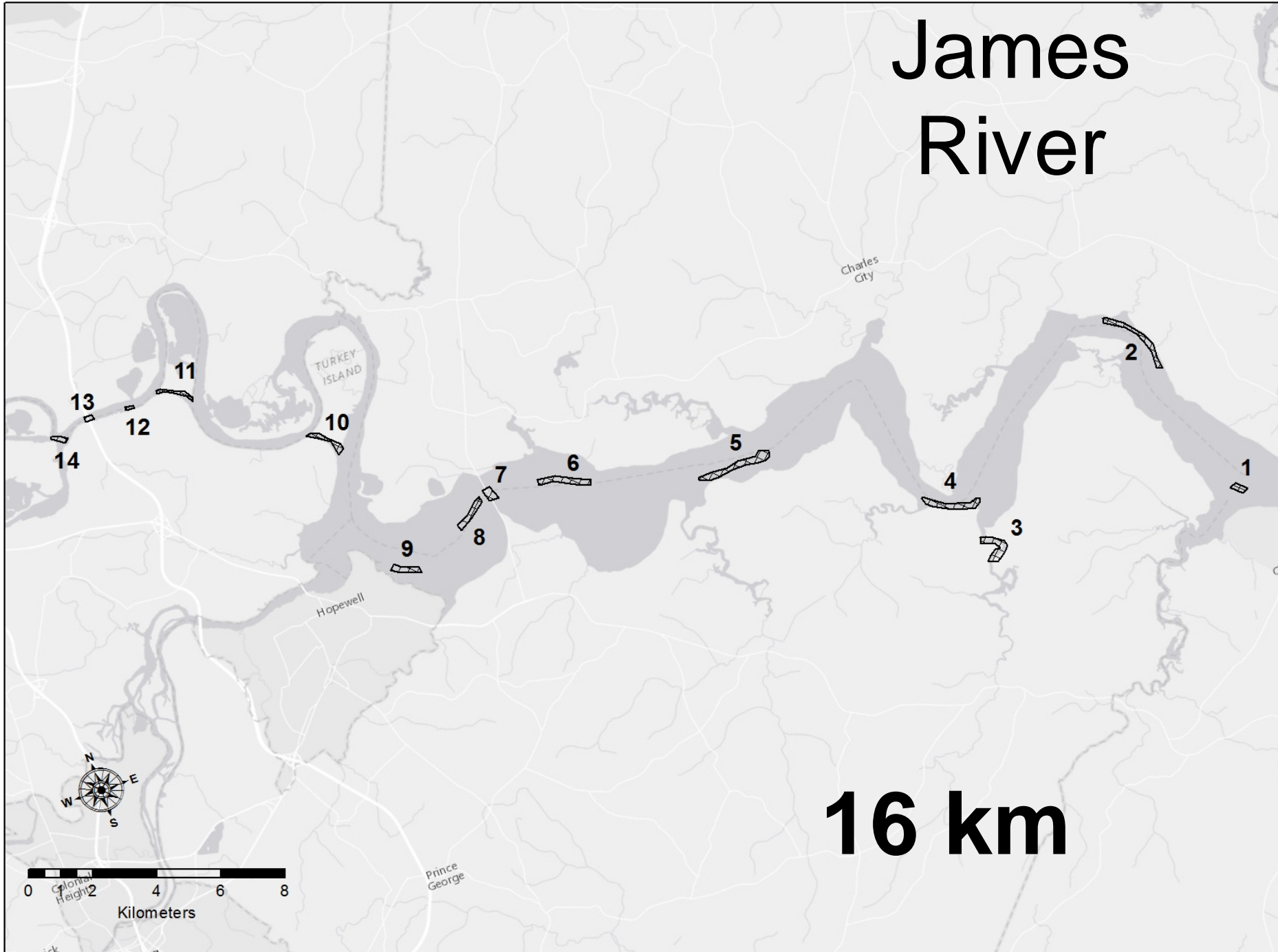


Introduced/ Invasive Catfish in Virginia

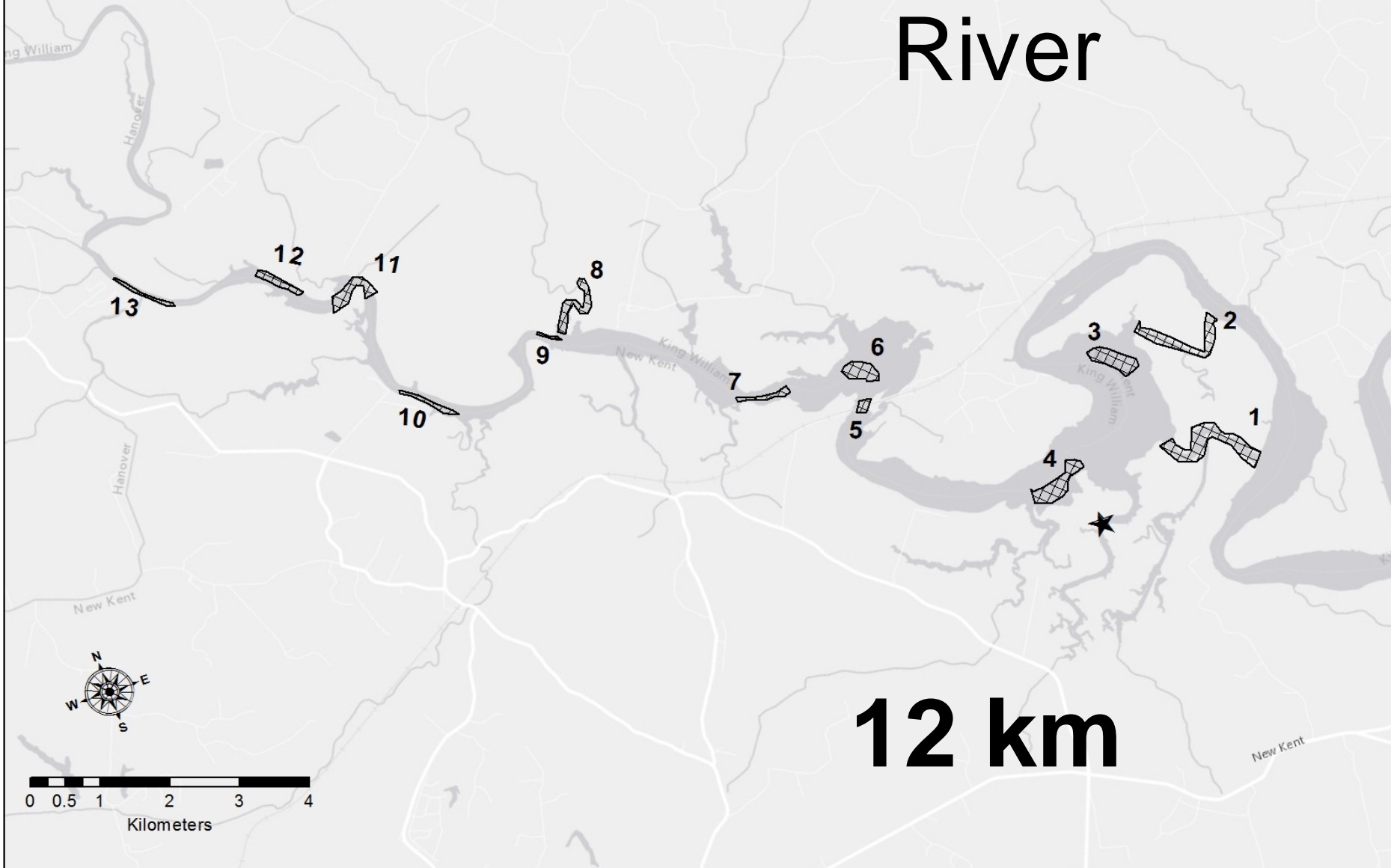


- Channel catfish (1893-1894)
- Flathead catfish (1965-1977) *VMRC Category
- Blue catfish (1974-1977)

James River



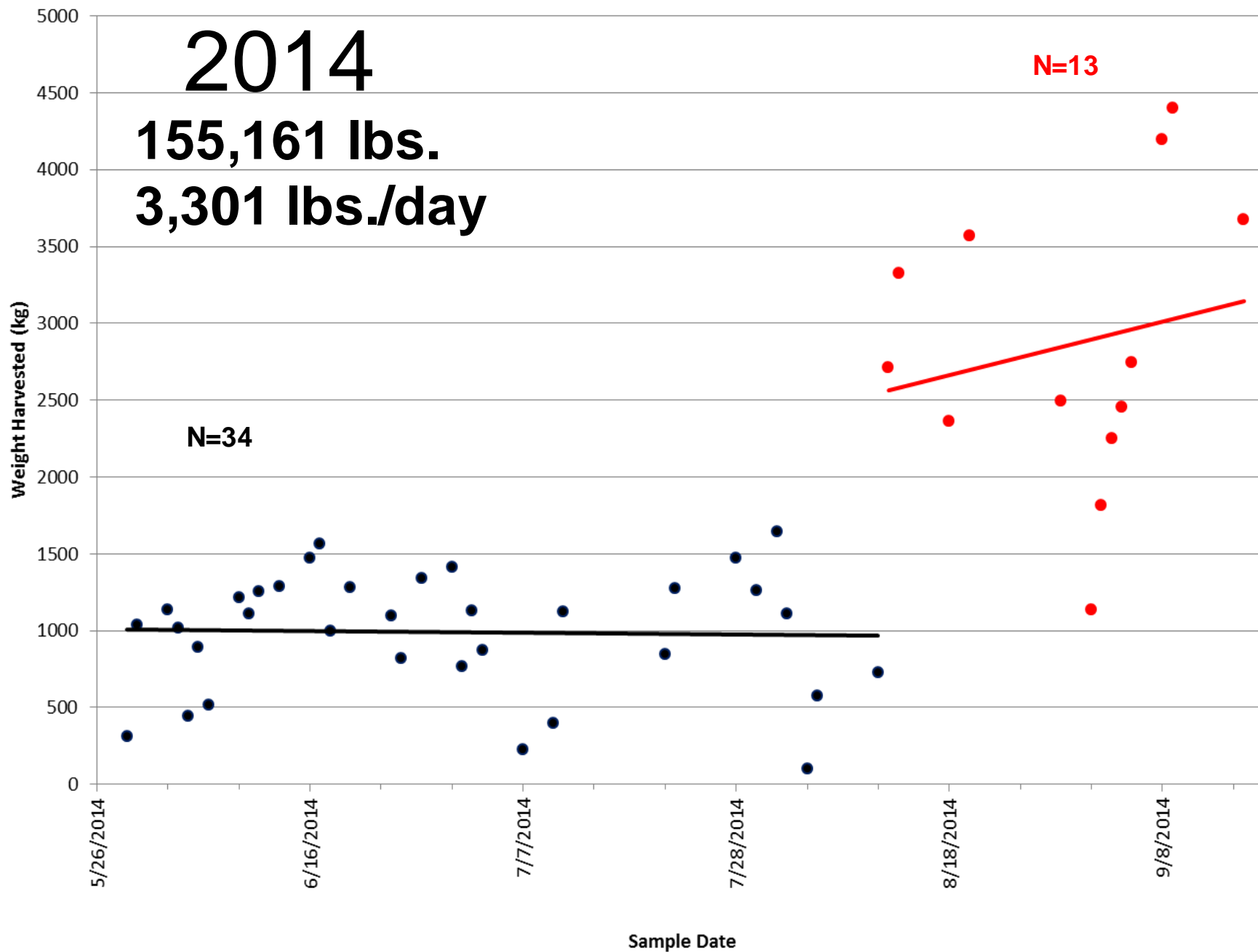
Pamunkey River



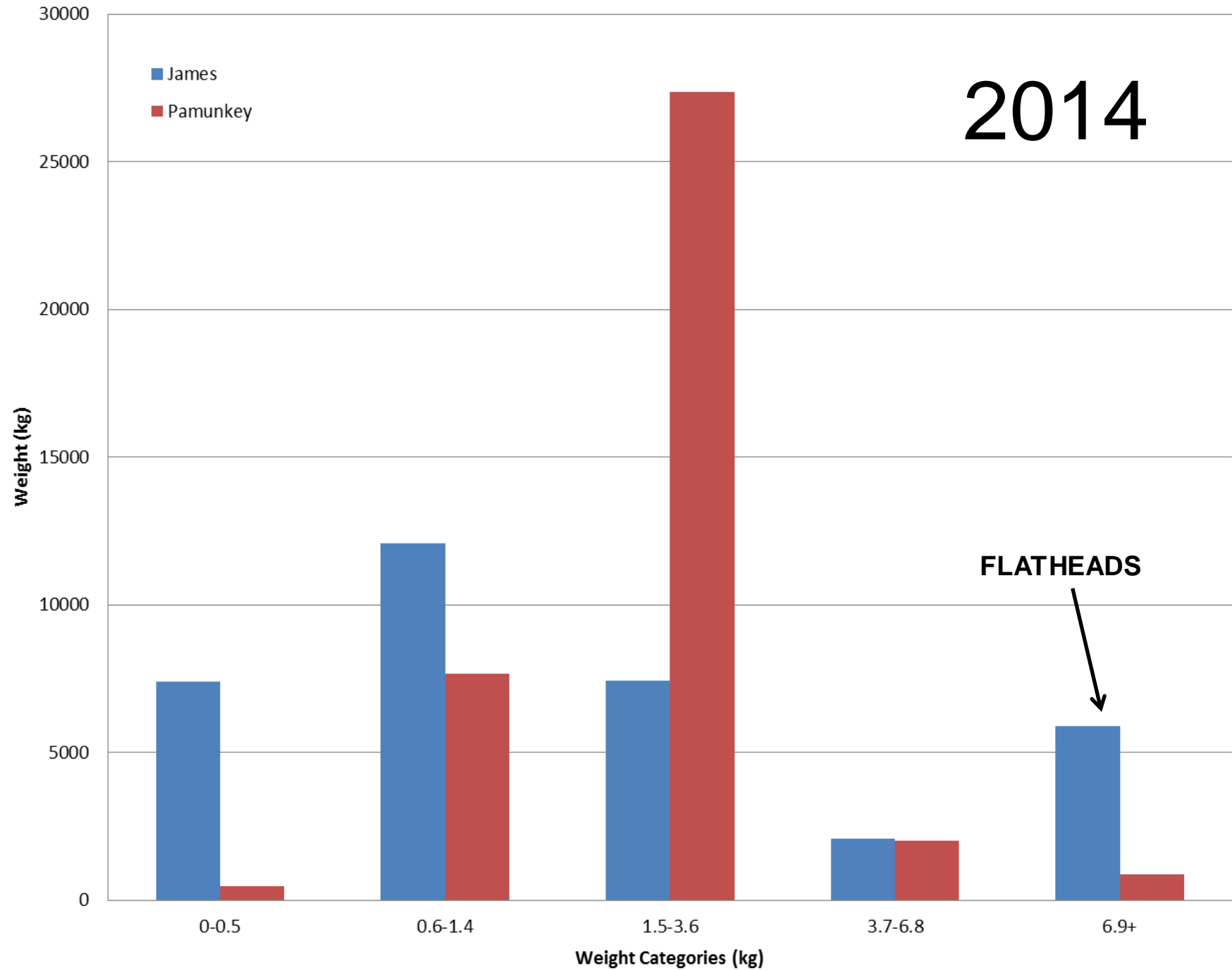
2014

155,161 lbs.

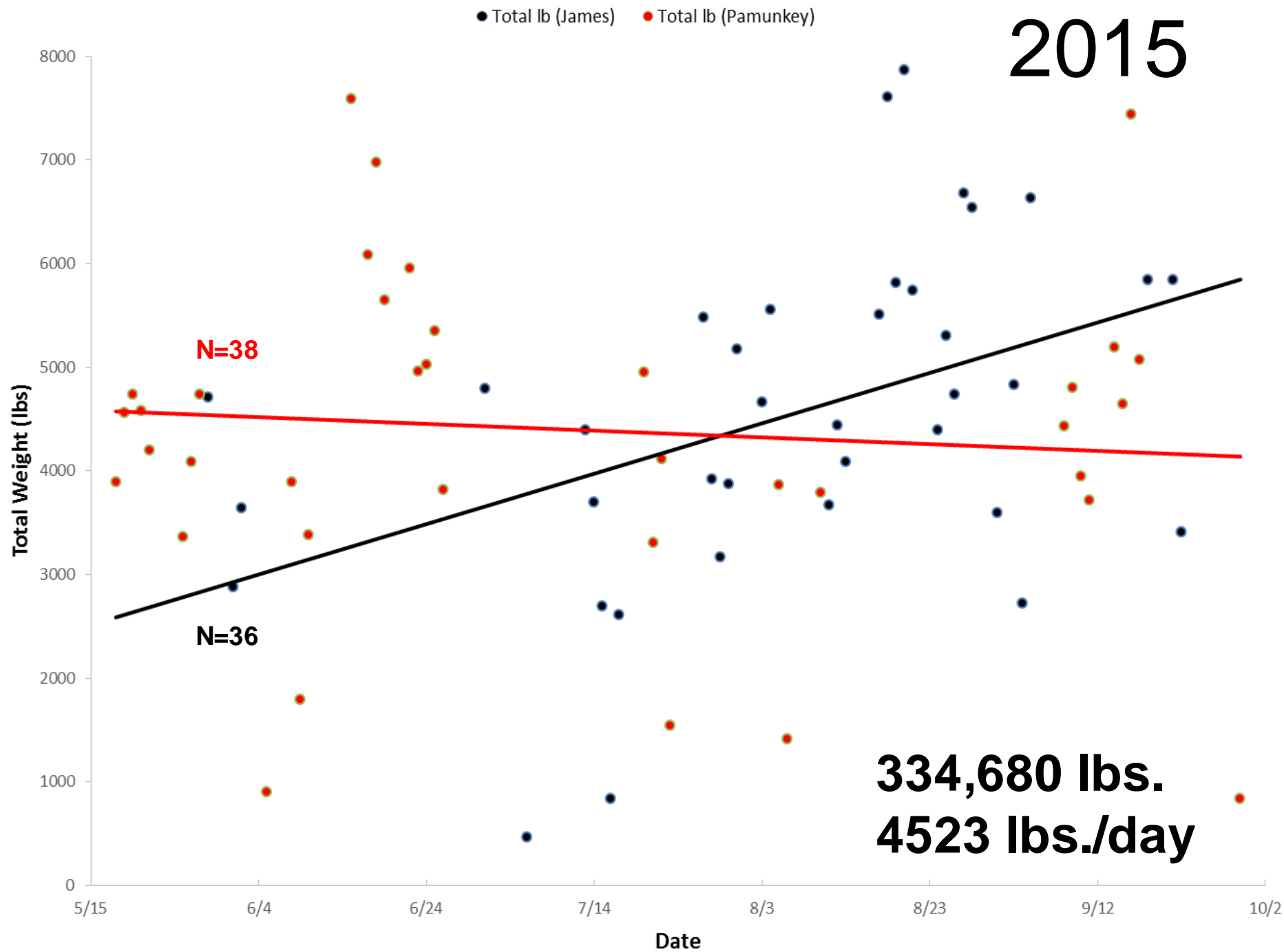
3,301 lbs./day



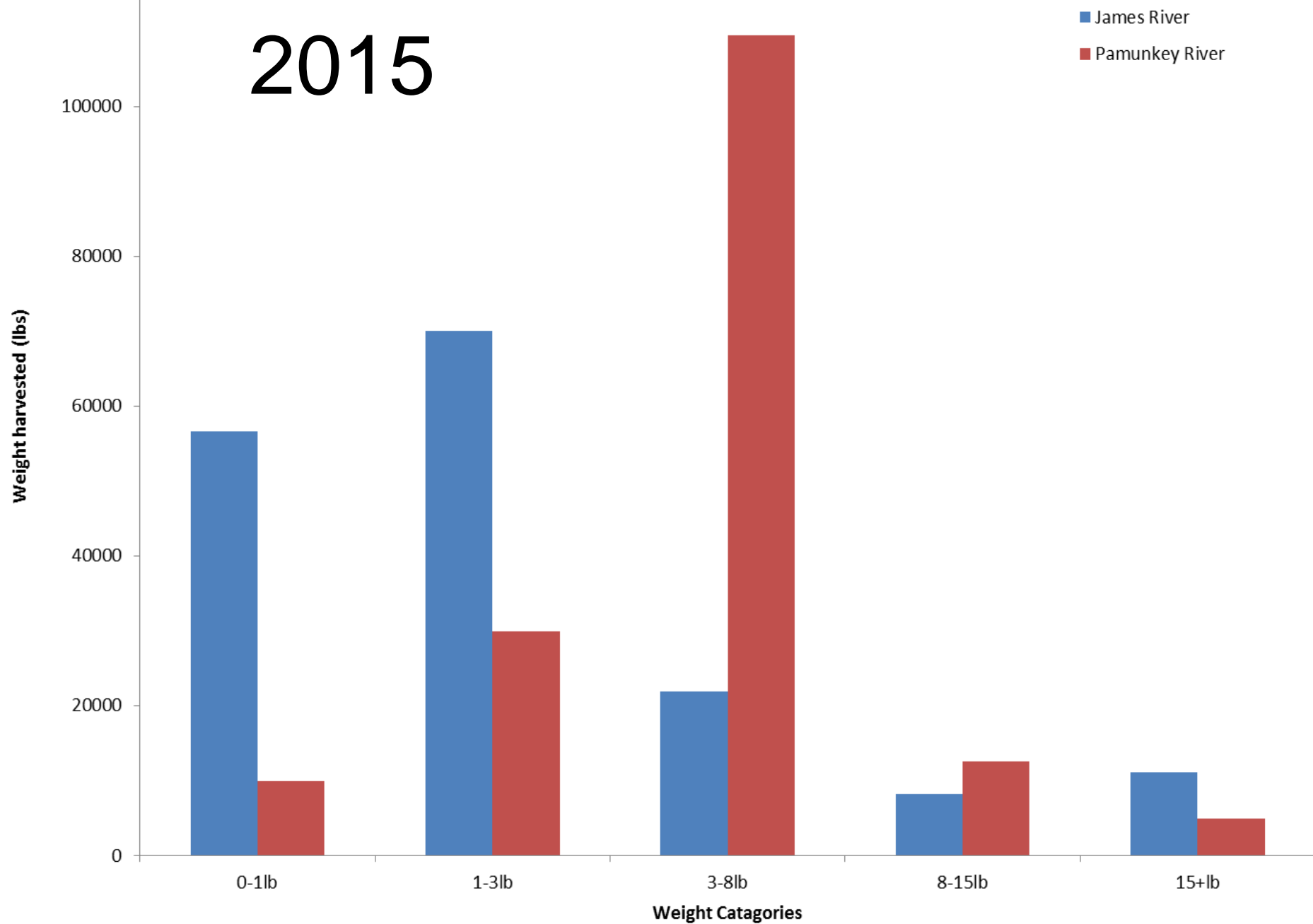
2014



2015



2015



Harvest Trends

- James

- 2013

- 617,322 (34)

- 2014

- 584,401 (44)
- 76,583 (EF)

- 2015

- 885,812 (46)
- 167,805 (EF)

- Pam.

- 2013

- 18,756

- 2014

- 61,240
- 84,585 (EF)

- 2015

- 211,450
- 166,875 (EF)

Telemetry

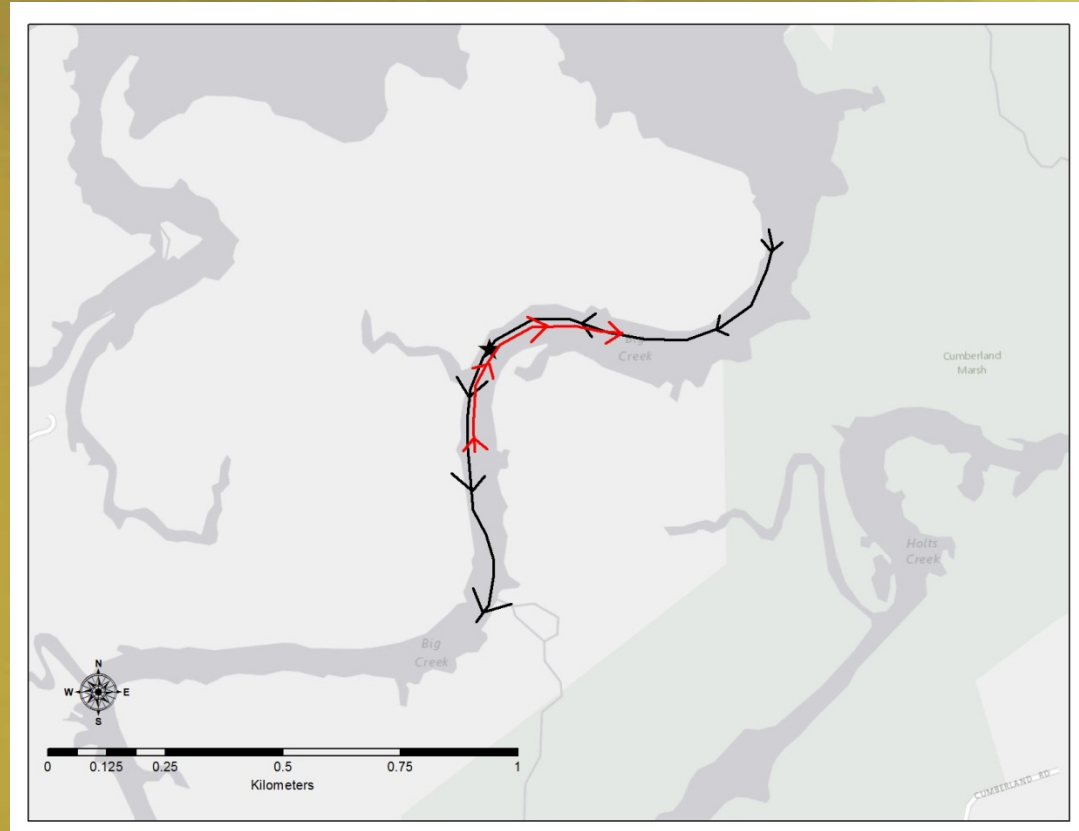


**Hyperstability...
Please**

Known and Hypothesized Bycatch Mortality

“Side Effects”

- White Catfish
- Catfish Feeding
- Birds
- Longnose Gar
- Hoop-Nets



“Issues”

- Public Awareness
- Market...
- Atlantic sturgeon
 - Studies



Management

- Custom GPP
 - 15pps max
 - No AC
- Limited Entry
- USFWS Training



Acknowledgements

- Tom Murray and Bob Fisher
 - VA Sea Grant
- Jon Bull, Rob O'Reilly, Joe Cimino
 - VMRC
- Albert Spells and Mike Odom
 - USFWS
- Bob Greenlee
 - VDGIF