



PKT

HSV SPRING ELECTROFISHING 2024

Presented By:



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Lakes Management

INTRODUCTION

WHAT IS ELECTROFISHING?

- Using DC to create an electrical field in the water to temporarily stun fish for capture.
- One of the most effective methods to analyze fish populations.

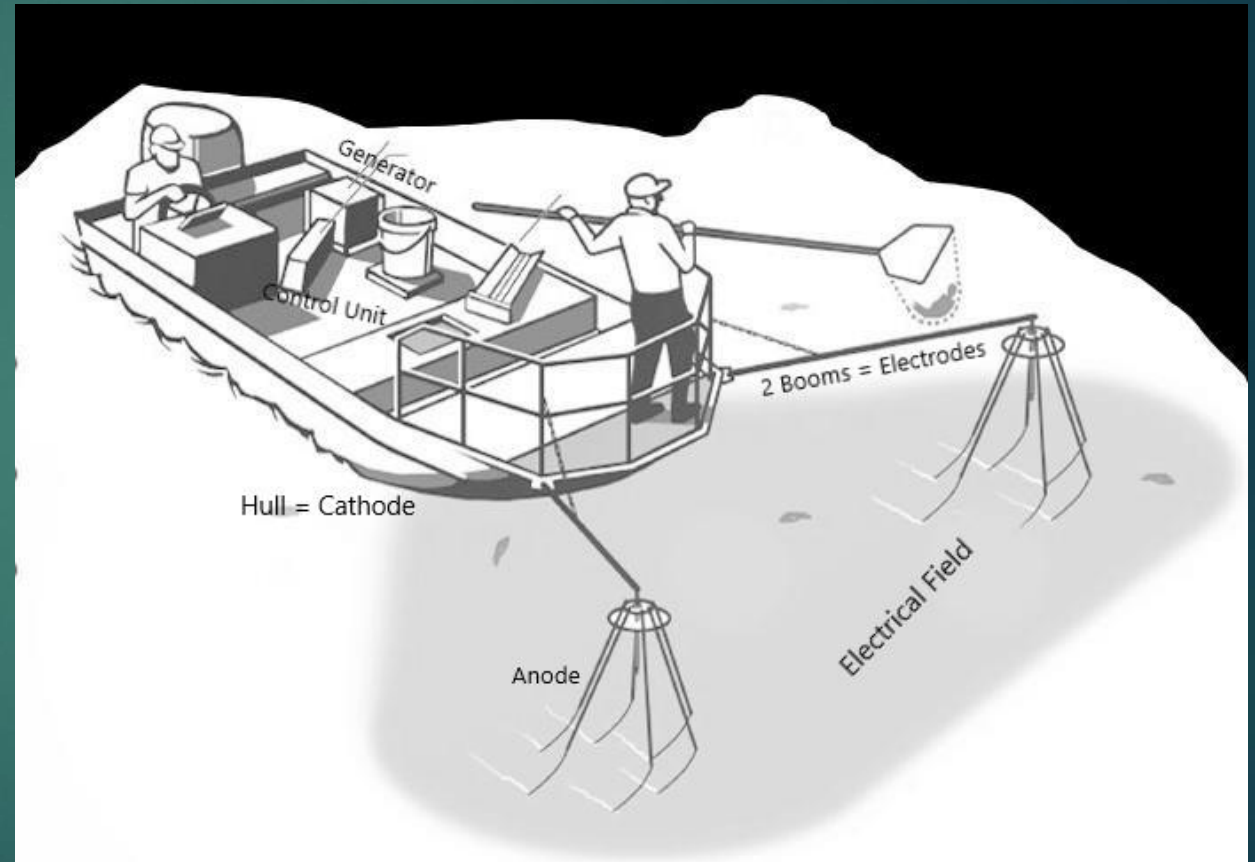
WHEN TO SAMPLE?

- Spring
- Water Temperature
 - 55° - 70°

SAMPLE SITES

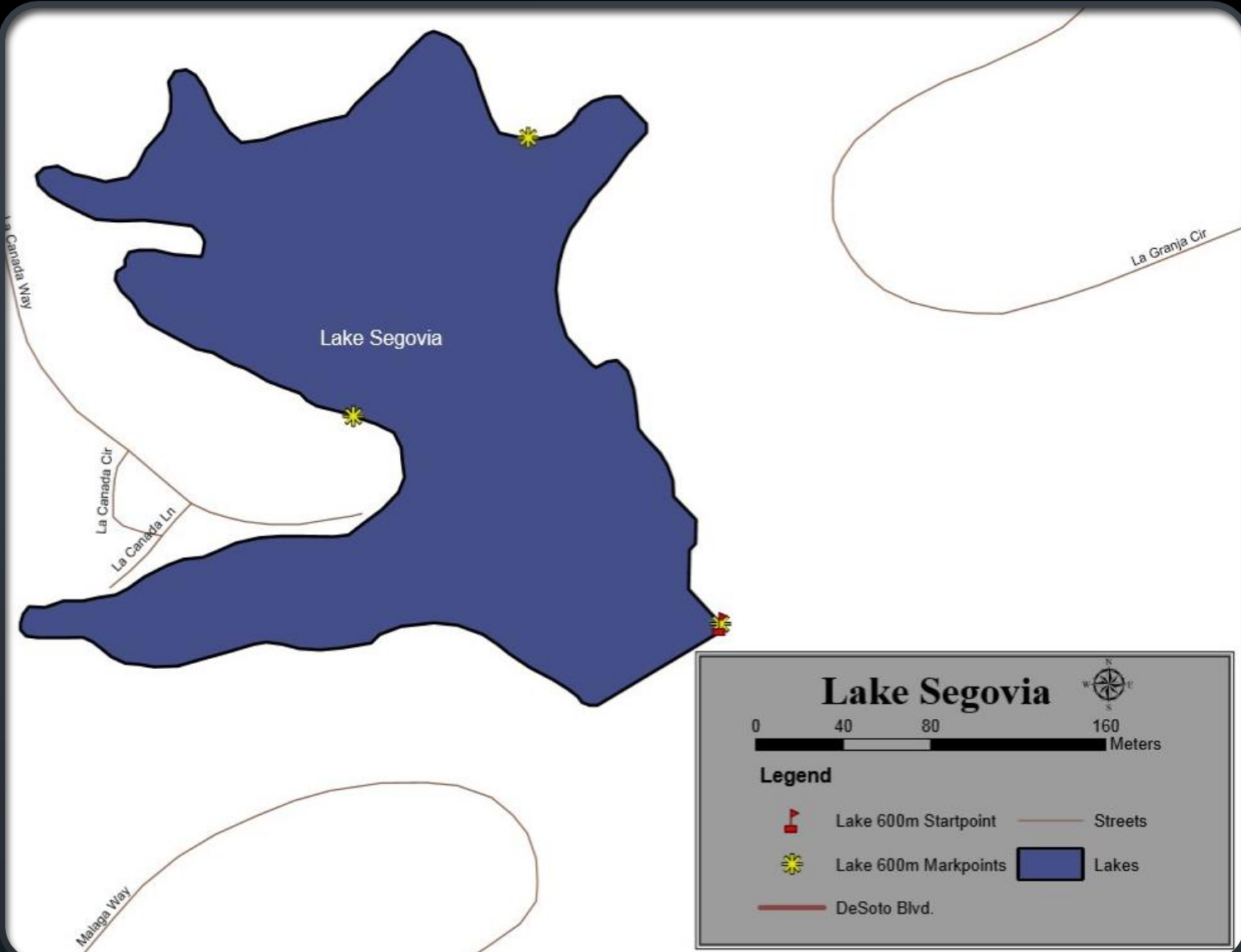
- Each waterbody is broken into 600 m sections.
- <2000 Acres = 10 Sample Sites
- < 10 Sample Sites = Whole Body of Water
- Water Temperature
 - 55° - 70°

HOW DOES IT WORK?



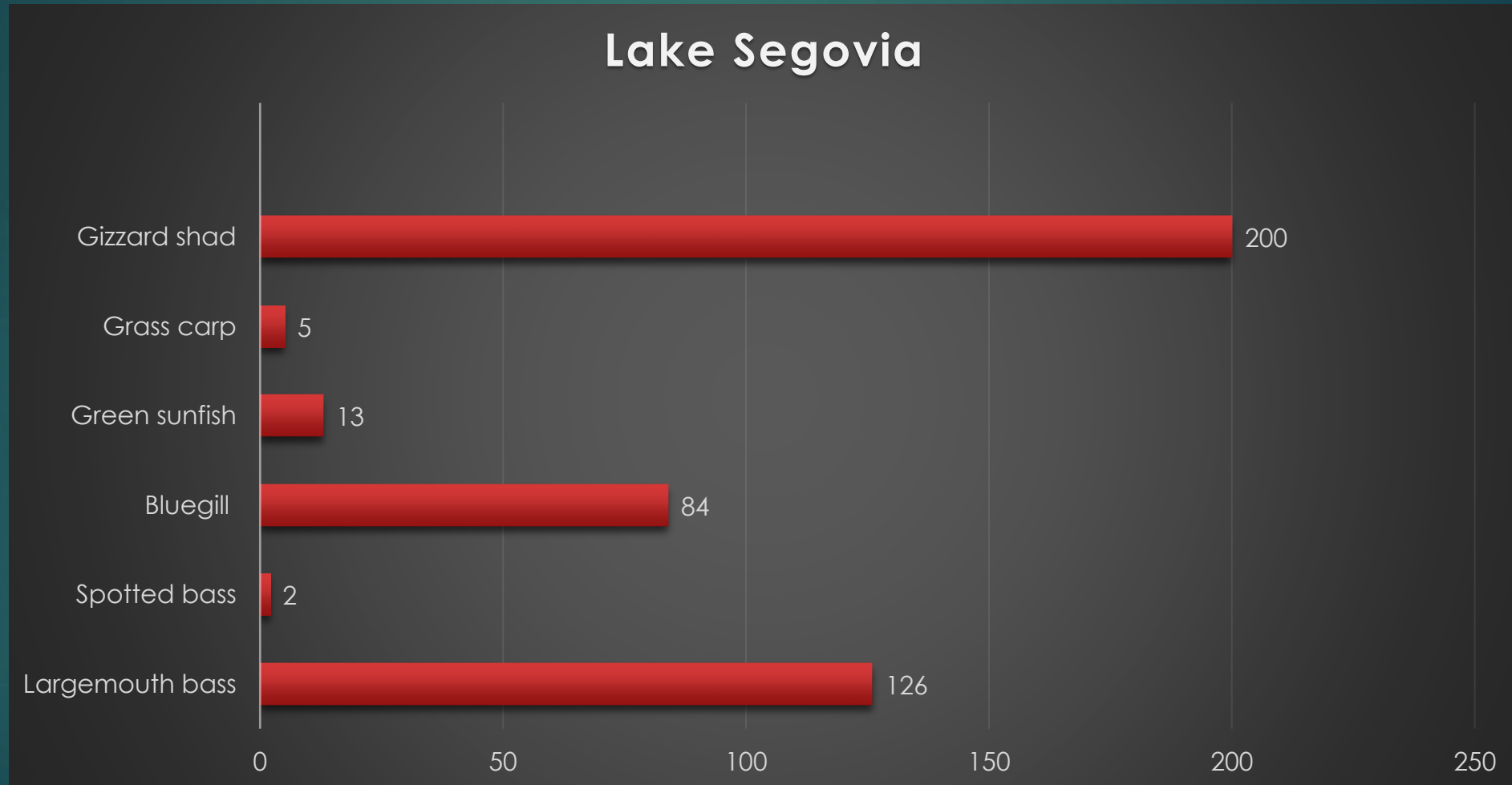
LAKE SEGOVIA

- 11 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 5'2"
- WATER TEMP: 68.5°



Lake Segovia

All species sampled



Lake segovia

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	24
Stock (200-299 mm)	7.8 - 11.7	91
Quality (300-379 mm)	11.8 - 14.9	6
Preferred (380-509 mm)	15.0-20.0	4
Memorable (>510 mm)	> 20.0	1
Total Number of Fish		126

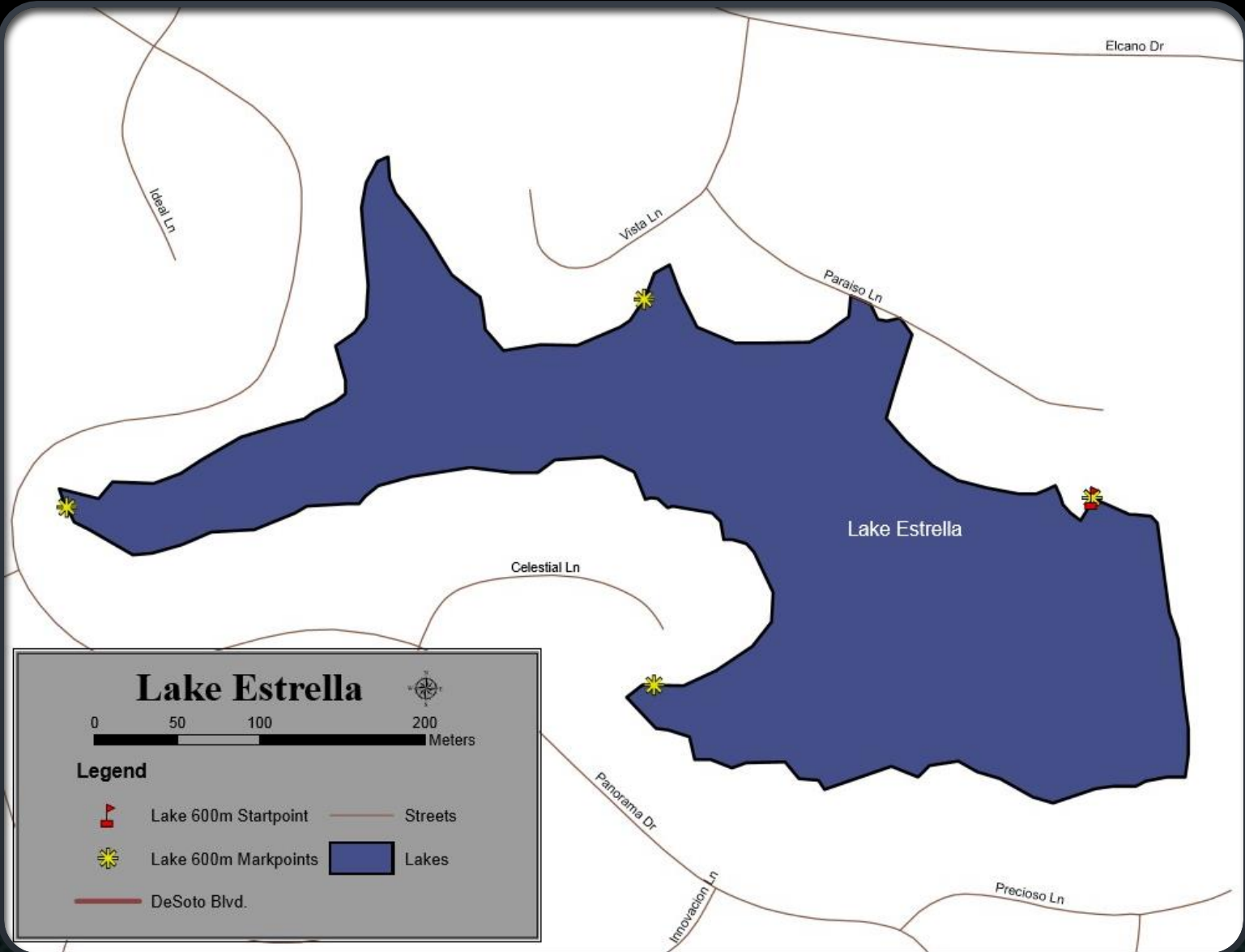


5.6 lb 3.6lb

LAKE SEGOVIA

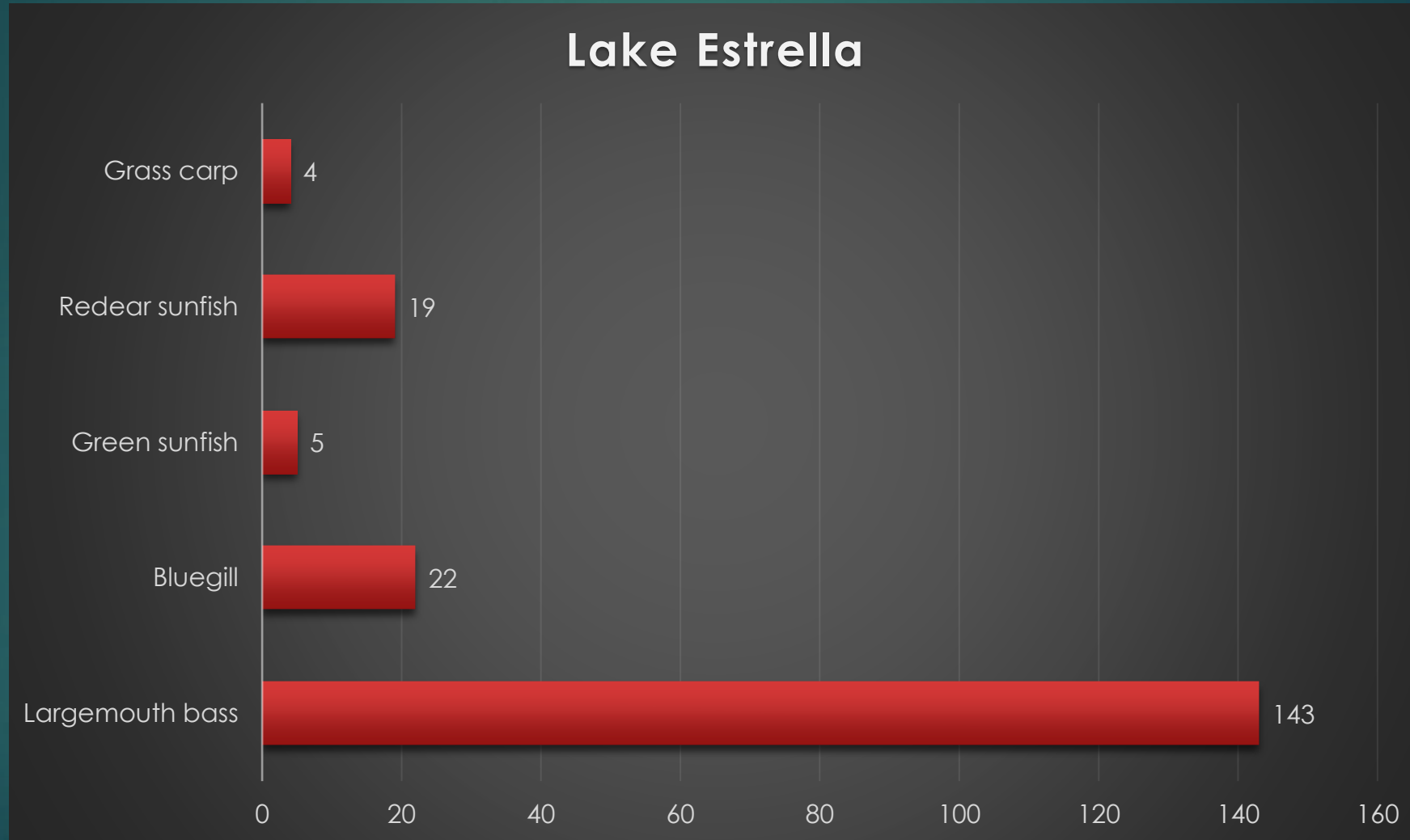
LAKE ESTRELLA

- 21 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 5' 10"
- WATER TEMP: 74.8°



LAKE ESTRELLA

ALL SPECIES SAMPLED



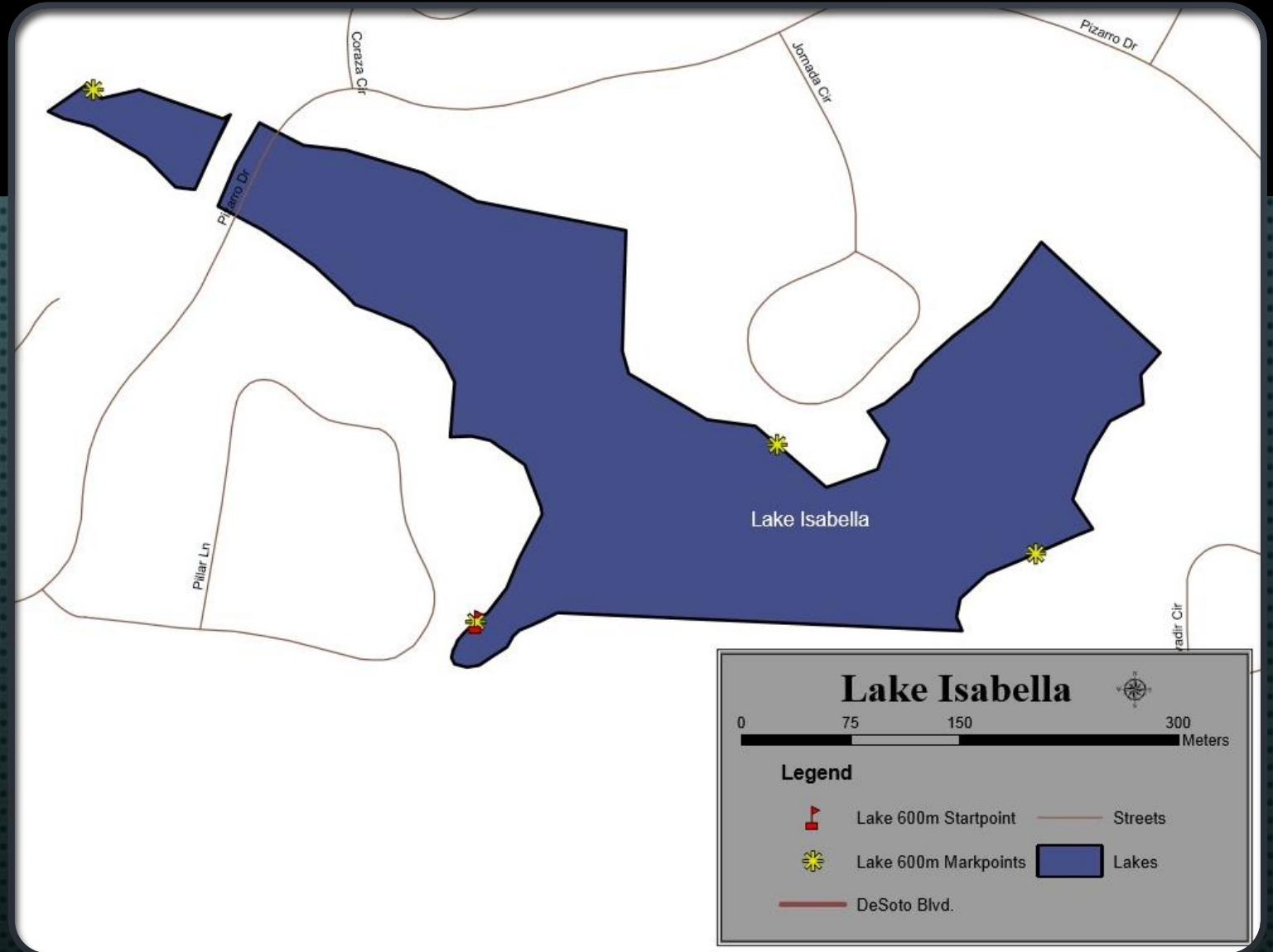
Lake Estrella

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	36
Stock (200-299 mm)	7.8 - 11.7	53
Quality (300-379 mm)	11.8 - 14.9	53
Preferred (380-509 mm)	15.0-20.0	1
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		143

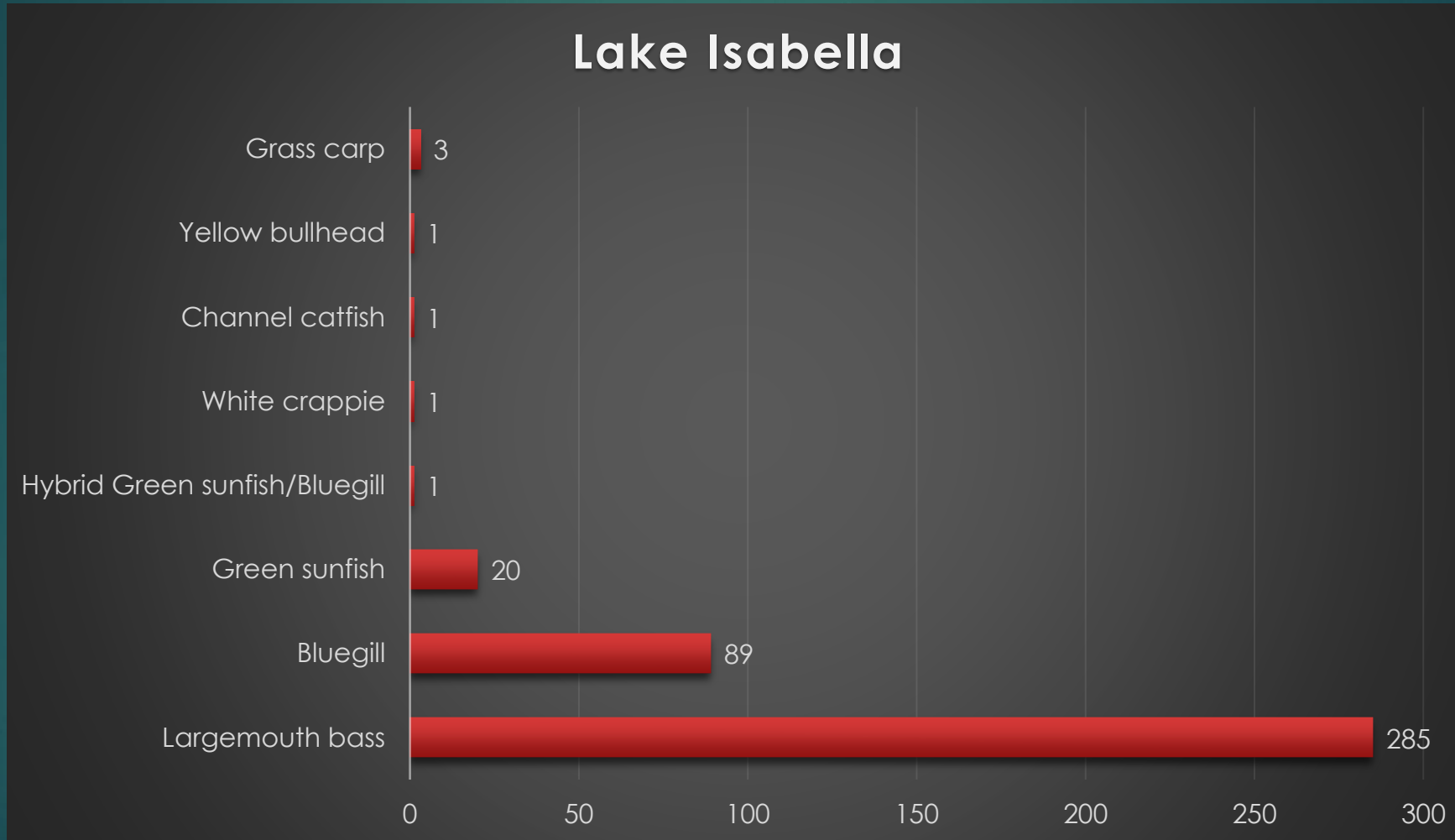
LAKE ISABELLA

- 25 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 3' 11"
- WATER TEMP: 68.7°



LAKE ISABELLA

ALL SPECIES SAMPLED



Lake Isabella

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	93
Stock (200-299 mm)	7.8 - 11.7	173
Quality (300-379 mm)	11.8 - 14.9	16
Preferred (380-509 mm)	15.0-20.0	2
Memorable (>510 mm)	> 20.0	1
Total Number of Fish		285



5.1 lb

LAKE ISABELLA

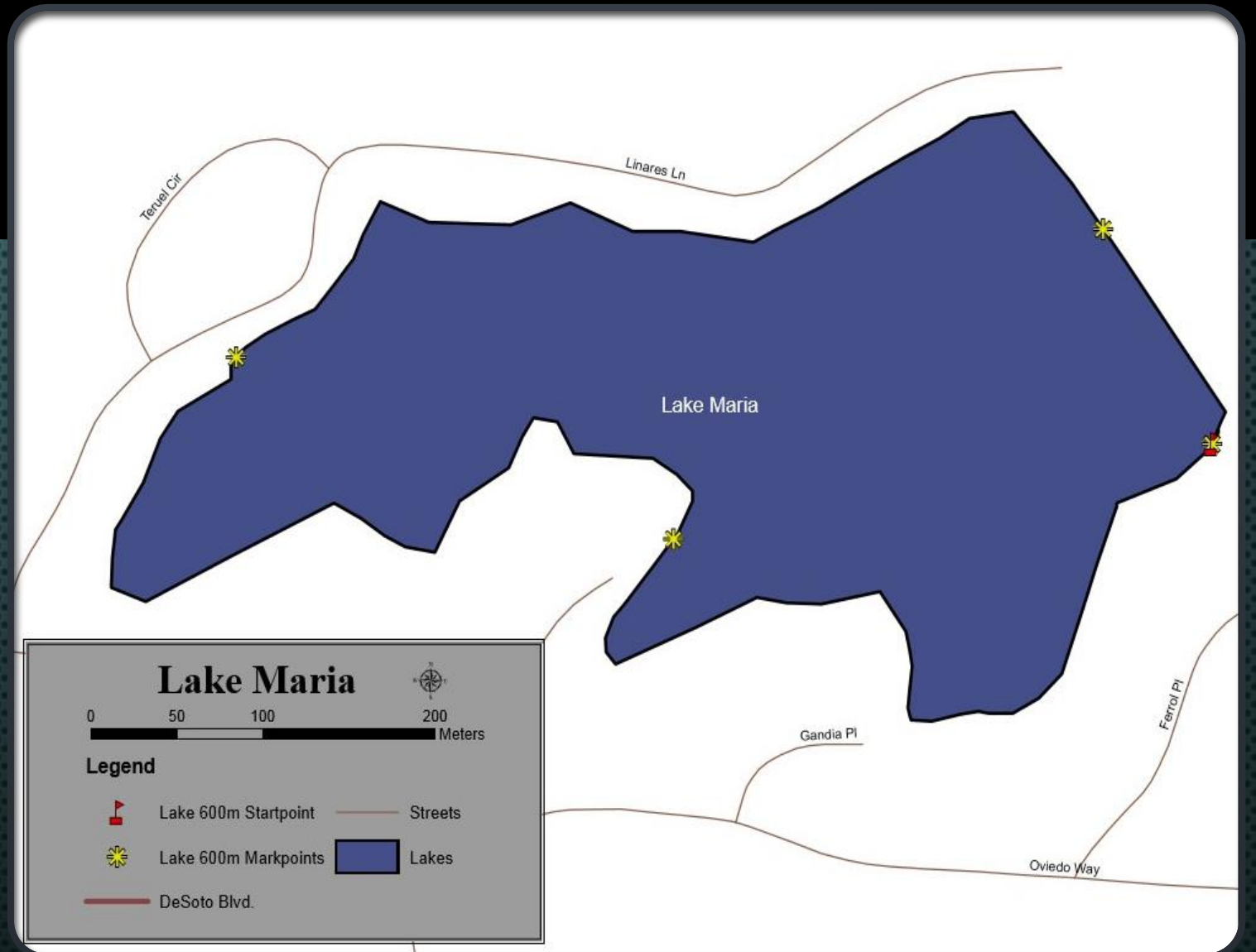


White Crappie



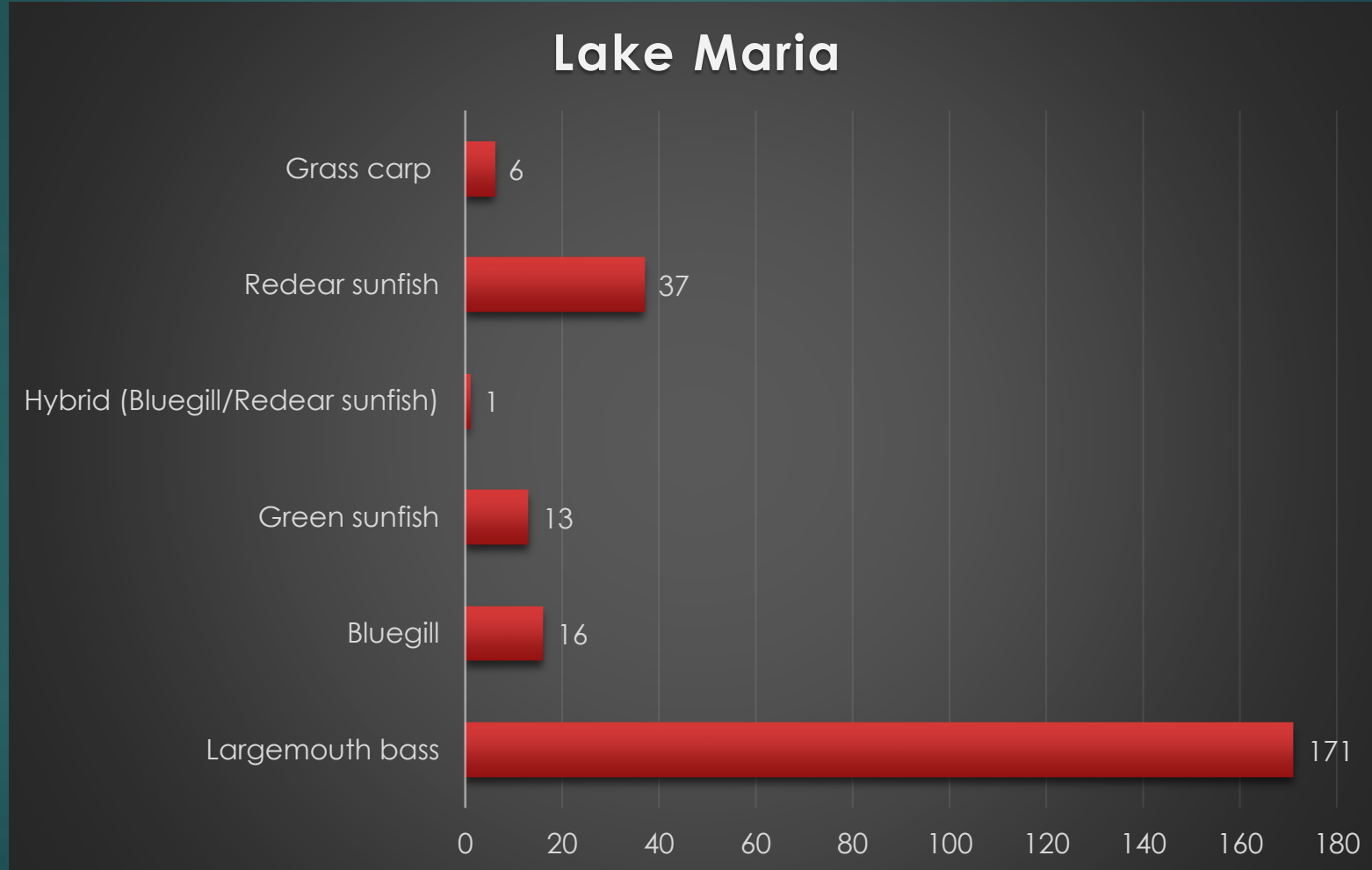
LAKE MARIA

- 27 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 4'2"
- WATER TEMP: 70.8°
- LAKE WAS 1'7" LOW FROM DREDGING



LAKE MARIA

ALL SPECIES SAMPLED



Lake Maria

largemouth bass

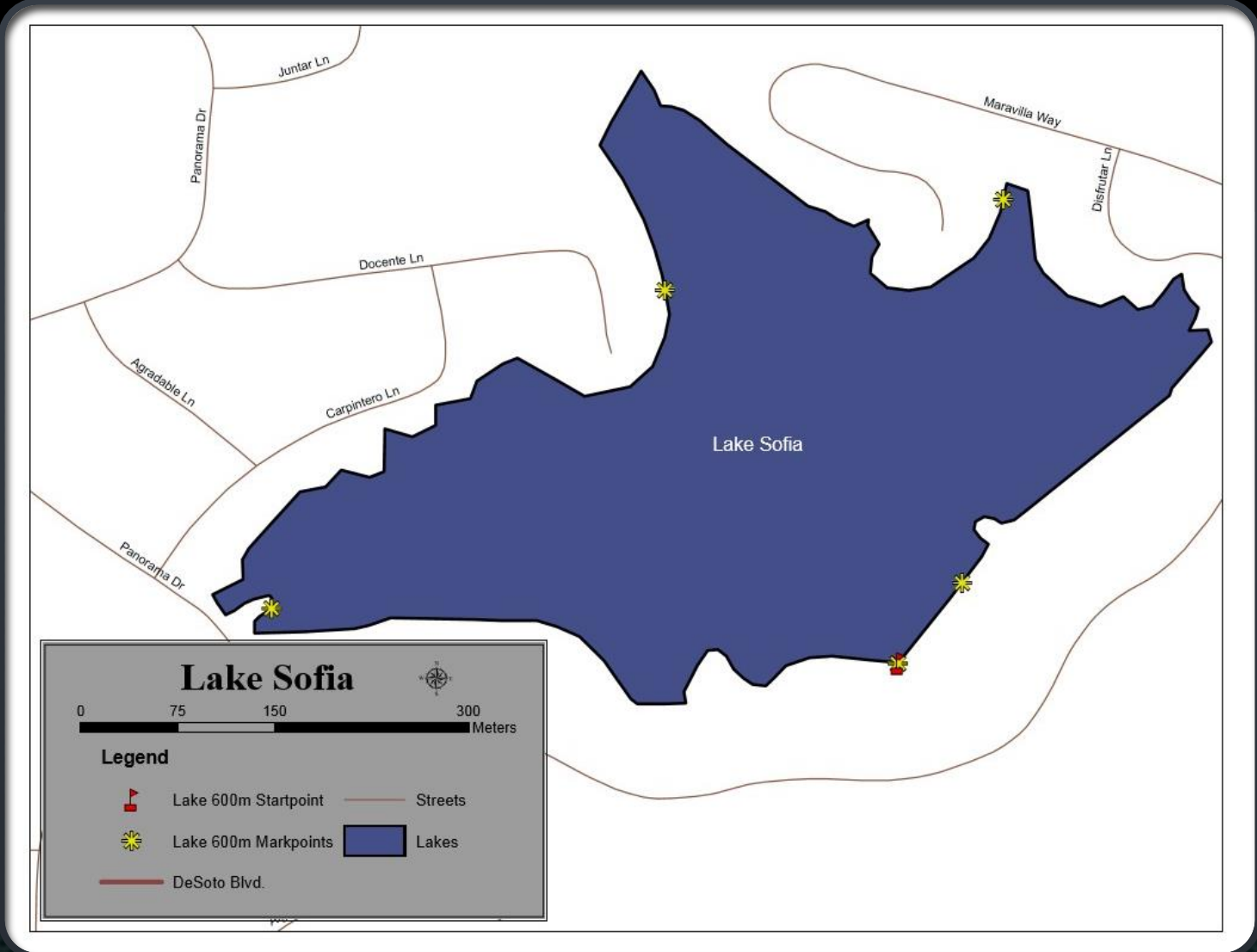
Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	55
Stock (200-299 mm)	7.8 - 11.7	115
Quality (300-379 mm)	11.8 - 14.9	1
Preferred (380-509 mm)	15.0-20.0	0
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		171



LAKE MARIA

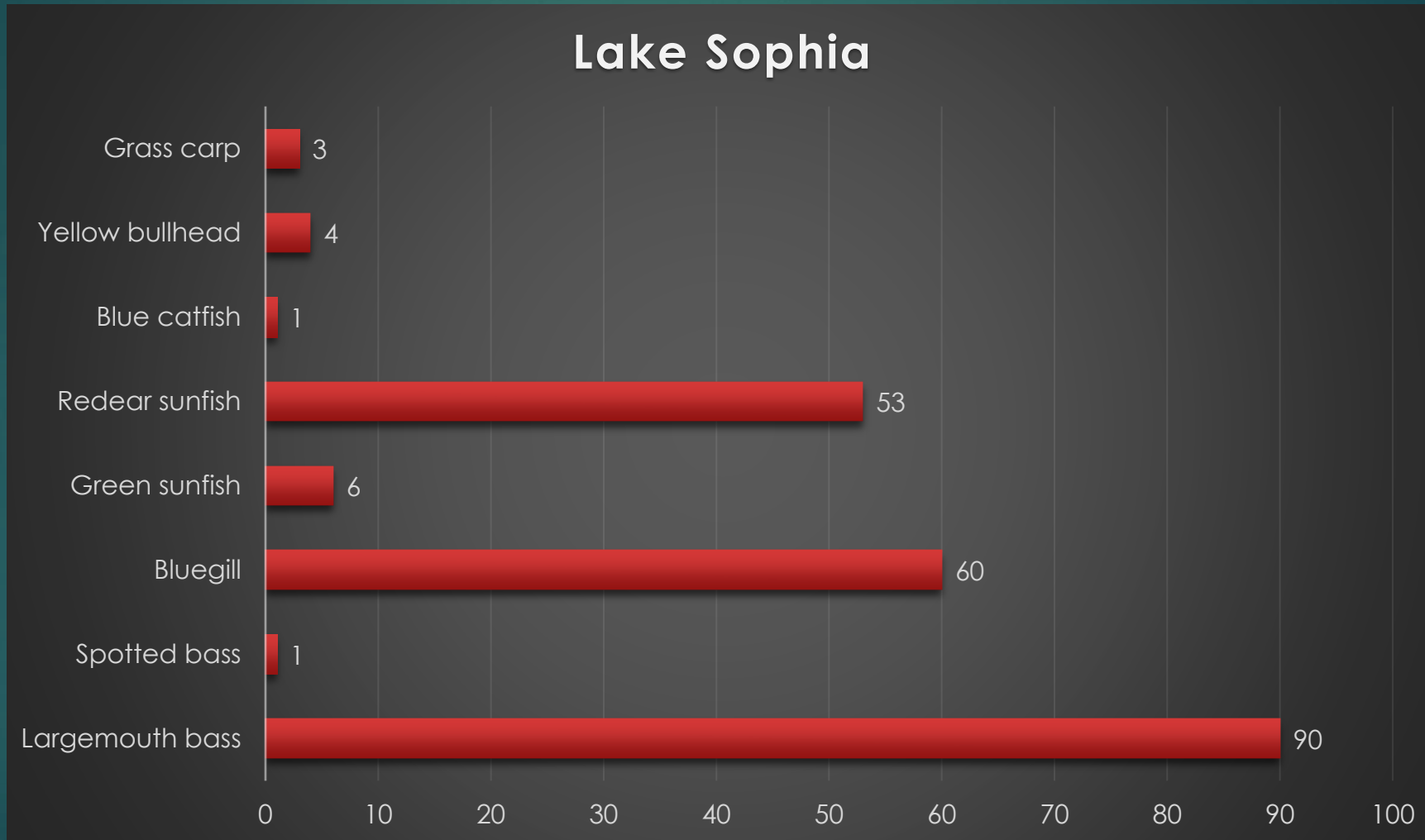
LAKE SOPHIA

- 36 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 2' 1" - DUE TO AMPHIBIOUS EXCAVATOR
- WATER TEMP: 75.6°



LAKE SOPHIA

ALL SPECIES SAMPLED



Lake Sophia

largemouth bass

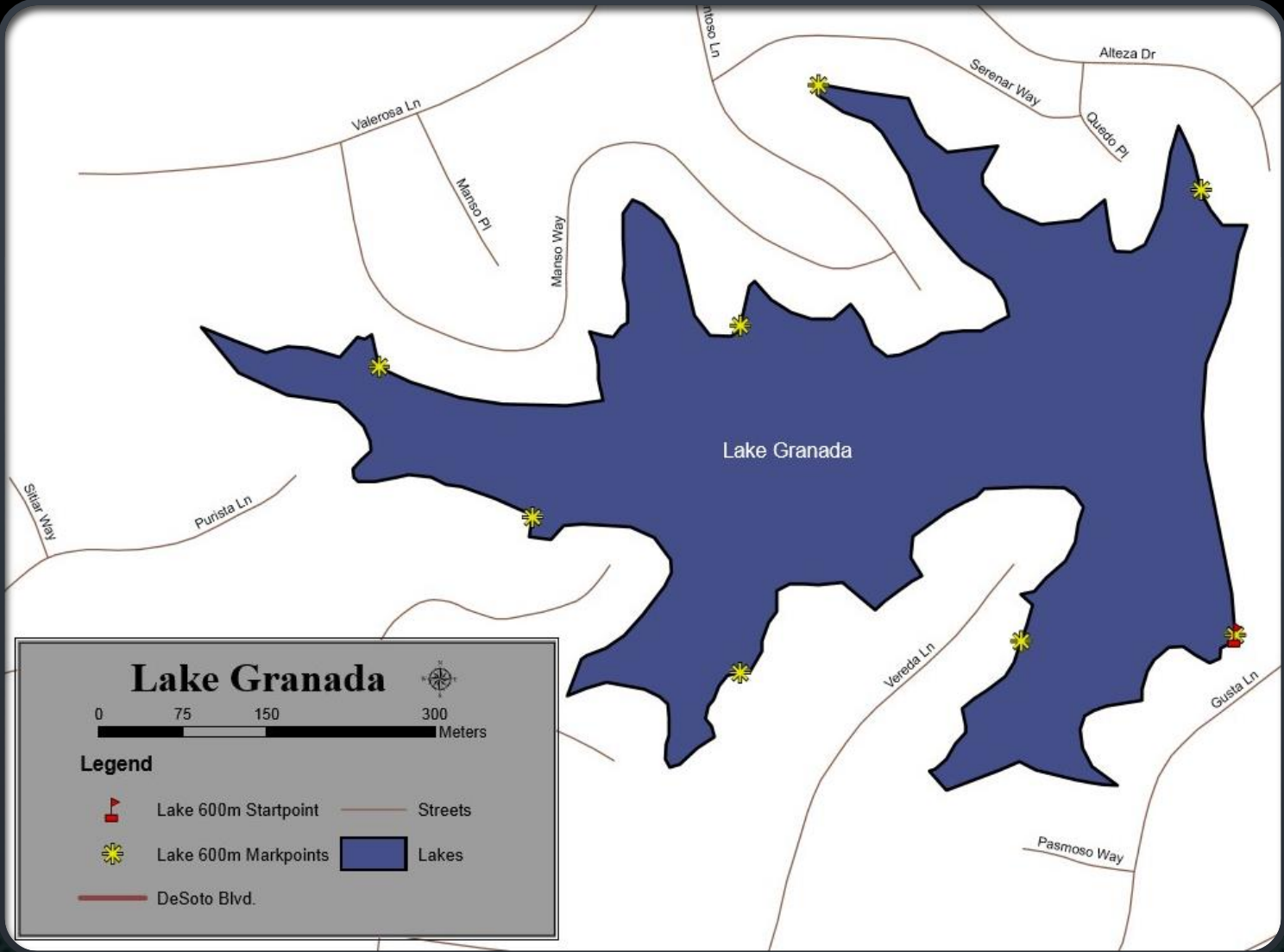
Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	6
Stock (200-299 mm)	7.8 - 11.7	14
Quality (300-379 mm)	11.8 - 14.9	34
Preferred (380-509 mm)	15.0-20.0	35
Memorable (>510 mm)	> 20.0	1
Total Number of Fish		90

LAKE SOPHIA



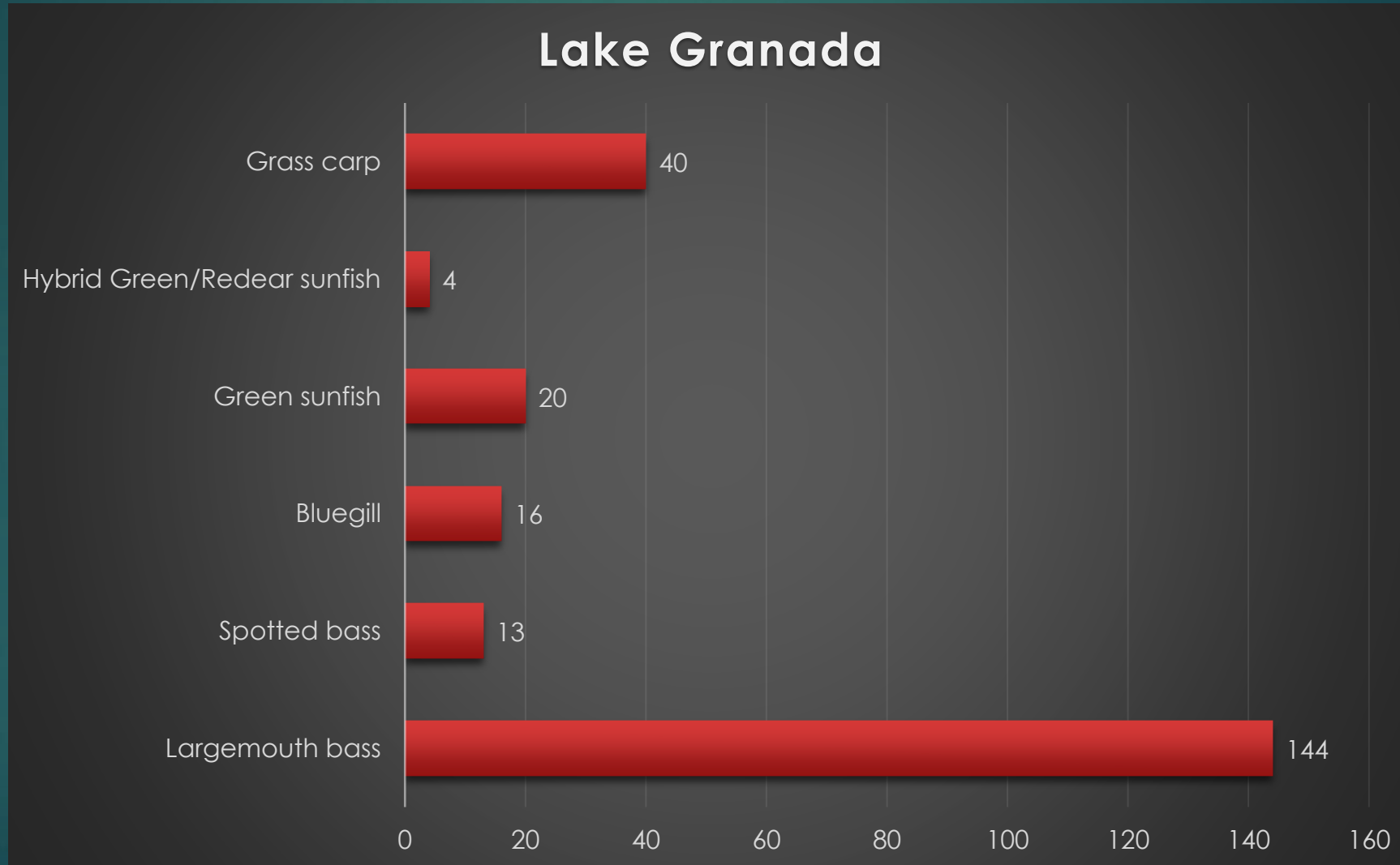
LAKE GRANADA

- 54 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 6'11"
- WATER TEMP: 71.1°



LAKE GRANADA

ALL SPECIES SAMPLED



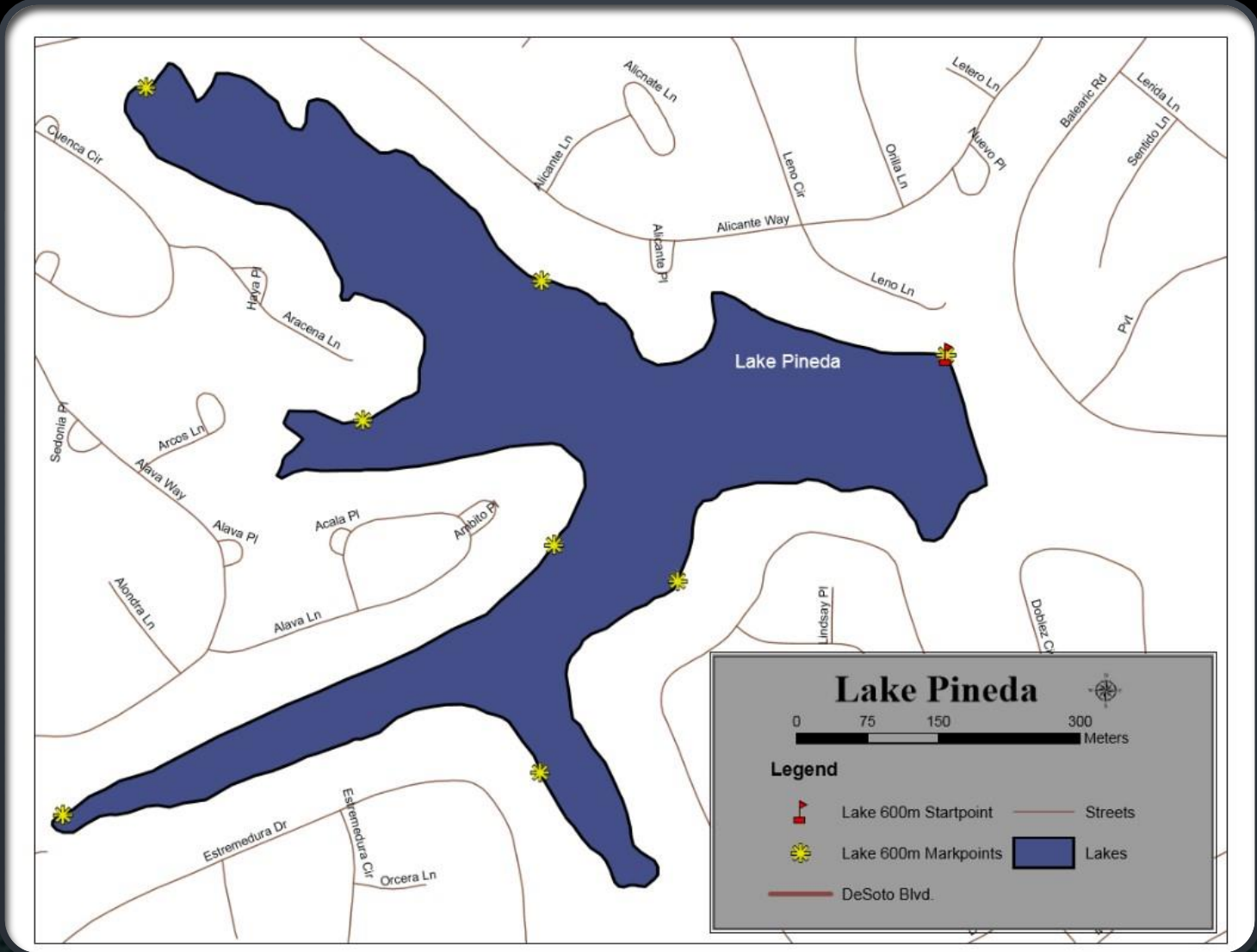
Lake Granada

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	5
Stock (200-299 mm)	7.8 - 11.7	70
Quality (300-379 mm)	11.8 - 14.9	61
Preferred (380-509 mm)	15.0-20.0	8
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		144

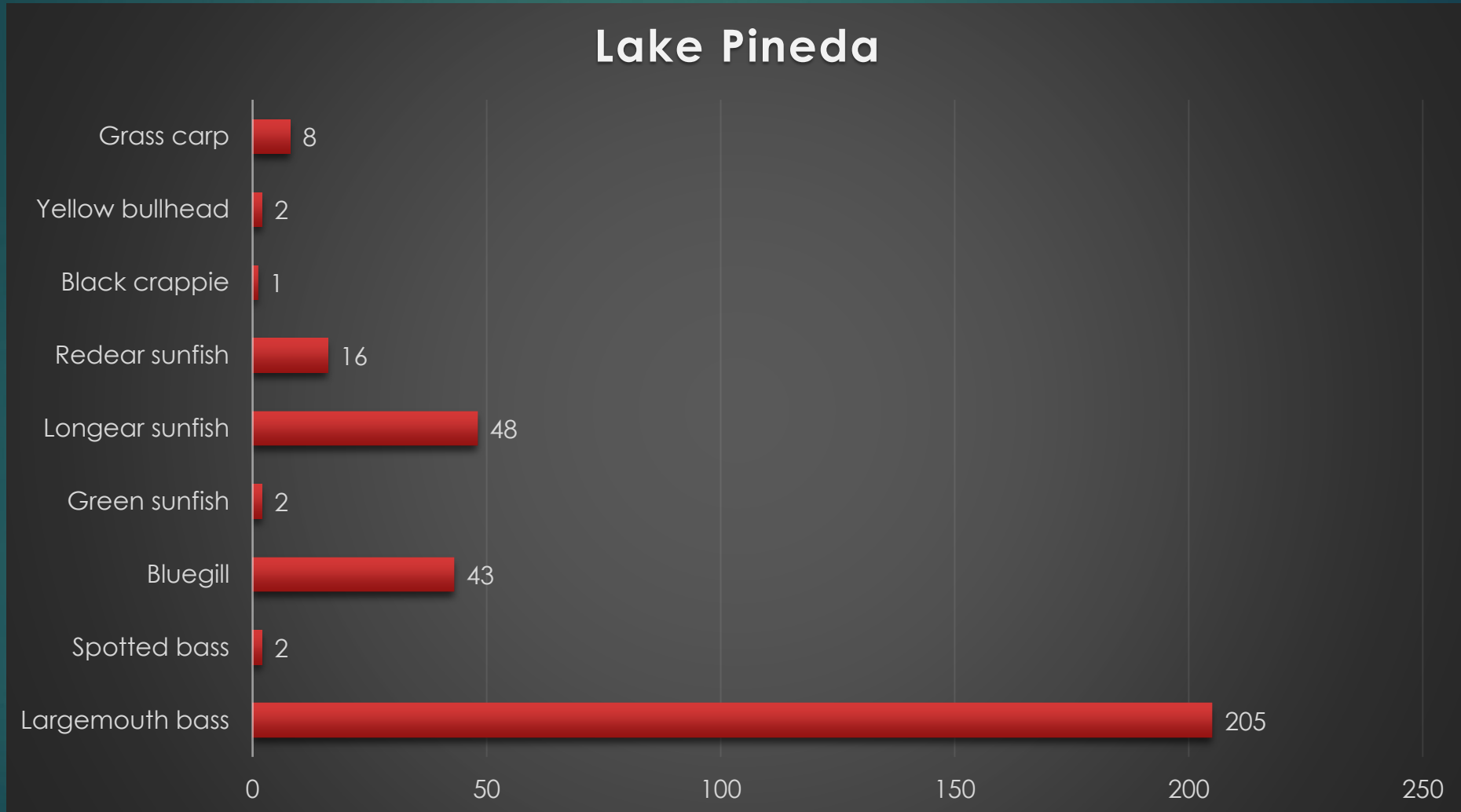
LAKE PINEDA

- 62 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 3' 10"
- WATER TEMP: 74.2°



LAKE PINEDA

ALL SPECIES SAMPLED



Lake Pineda

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	43
Stock (200-299 mm)	7.8 - 11.7	114
Quality (300-379 mm)	11.8 - 14.9	35
Preferred (380-509 mm)	15.0-20.0	11
Memorable (>510 mm)	> 20.0	2
Total Number of Fish		205

LAKE PINEDA





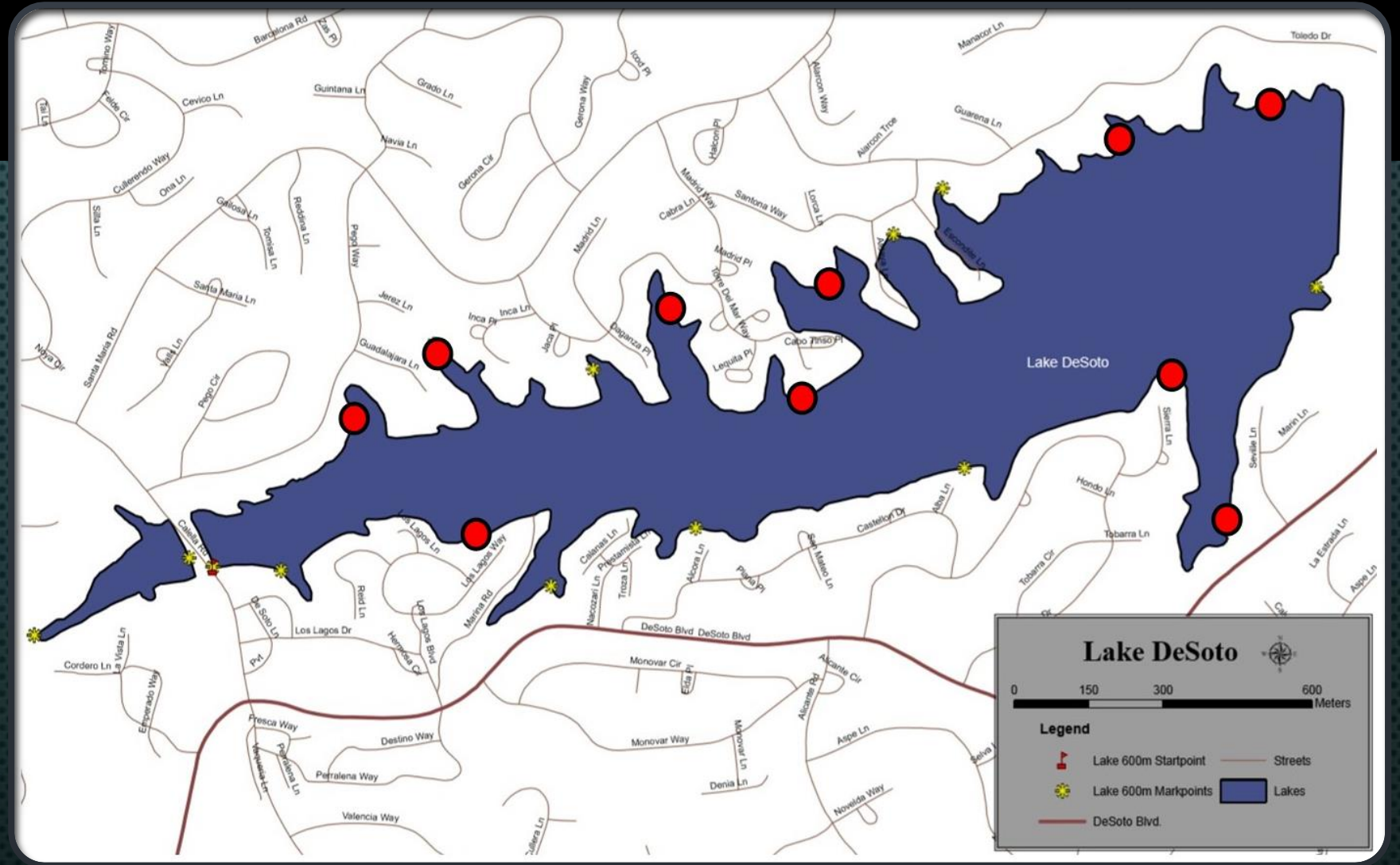
6 lbs

LAKE PINEDA



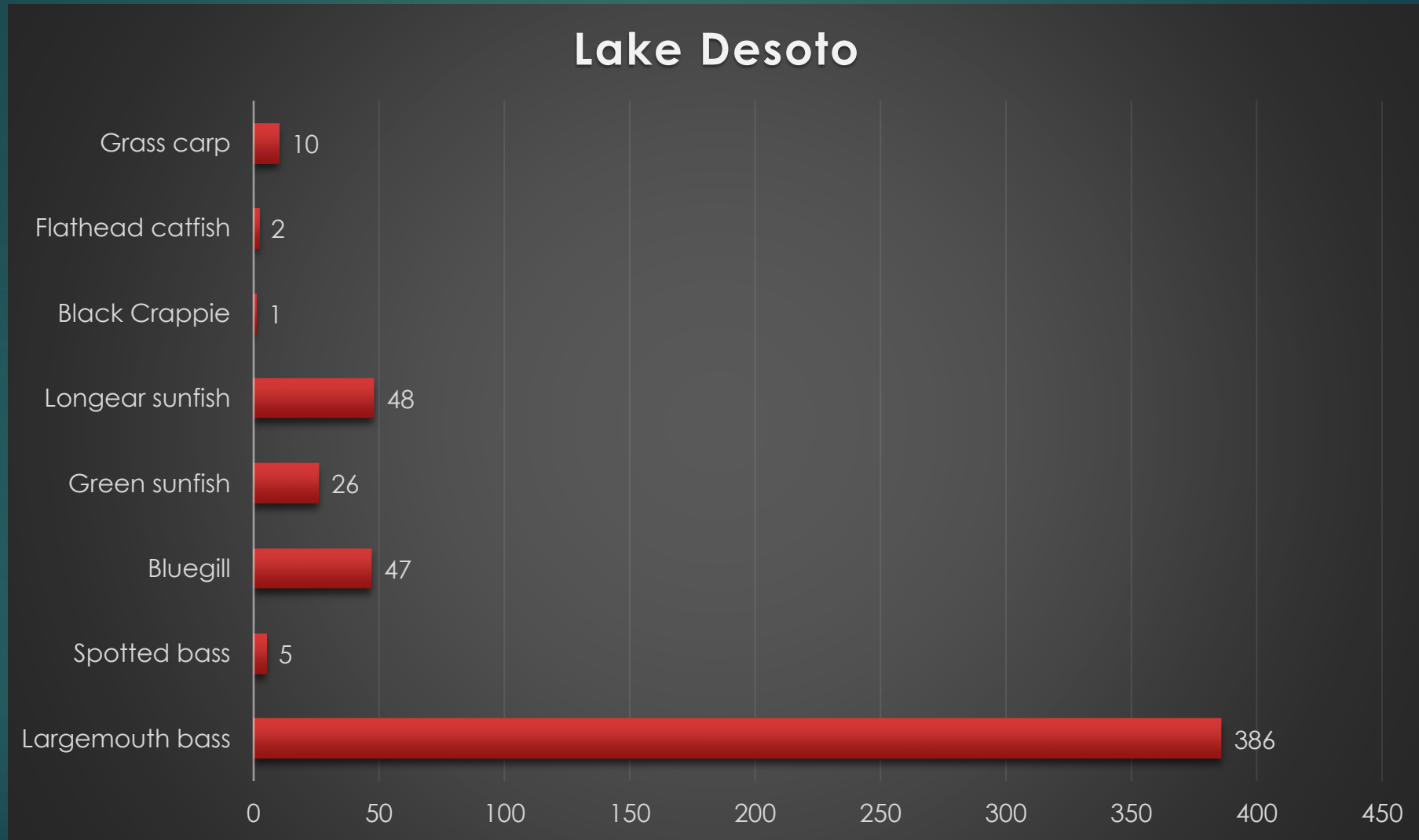
LAKE DESOTO

- 200 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 3'6"
- WATER TEMP: 67.9°



LAKE DESOTO

ALL SPECIES SAMPLED



Lake Desoto

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	57
Stock (200-299 mm)	7.8 - 11.7	145
Quality (300-379 mm)	11.8 - 14.9	161
Preferred (380-509 mm)	15.0-20.0	20
Memorable (>510 mm)	> 20.0	3
Total Number of Fish		386



LAKE DESOTO



4.0 lbs

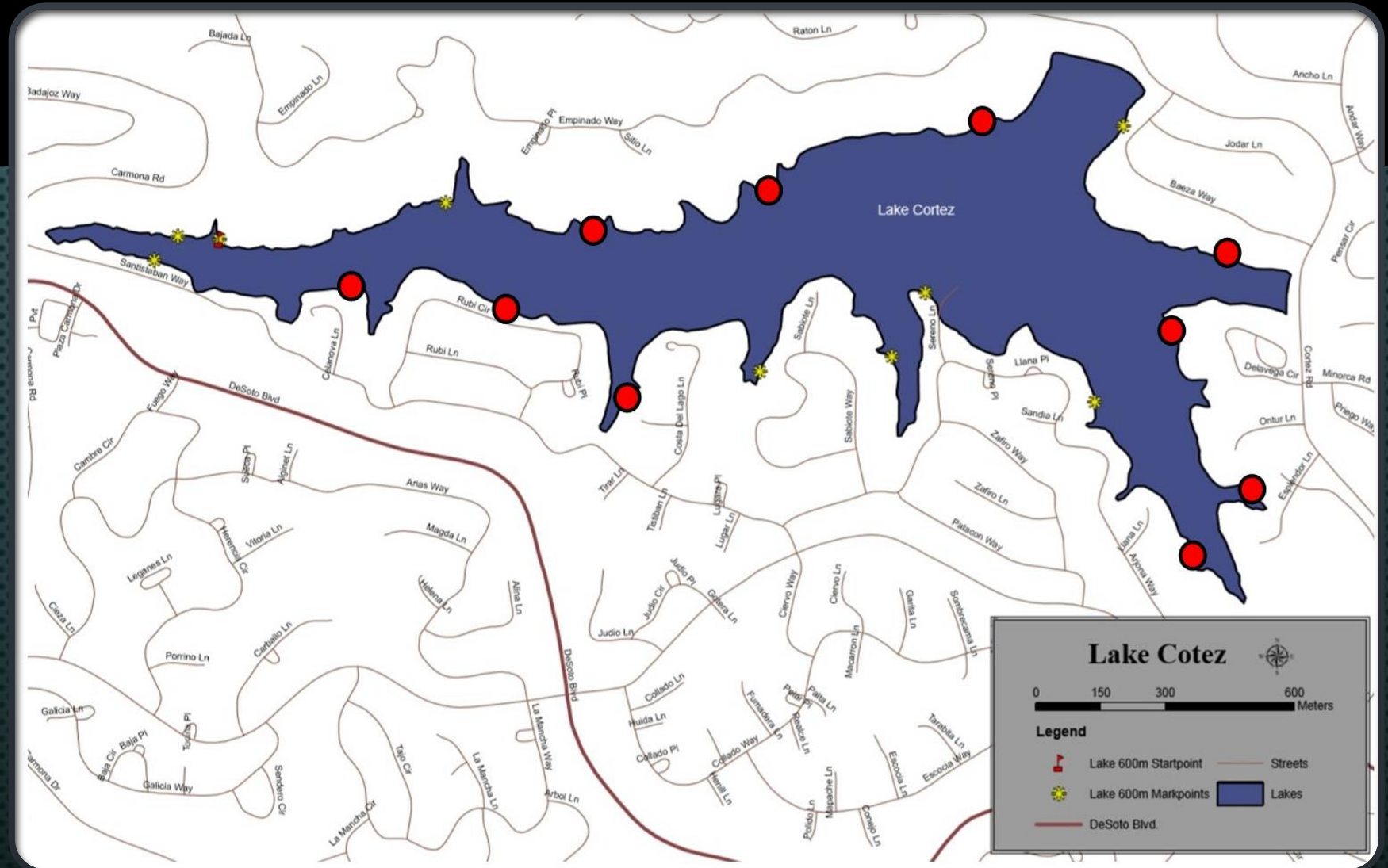
4.1 lbs

5.6 lbs



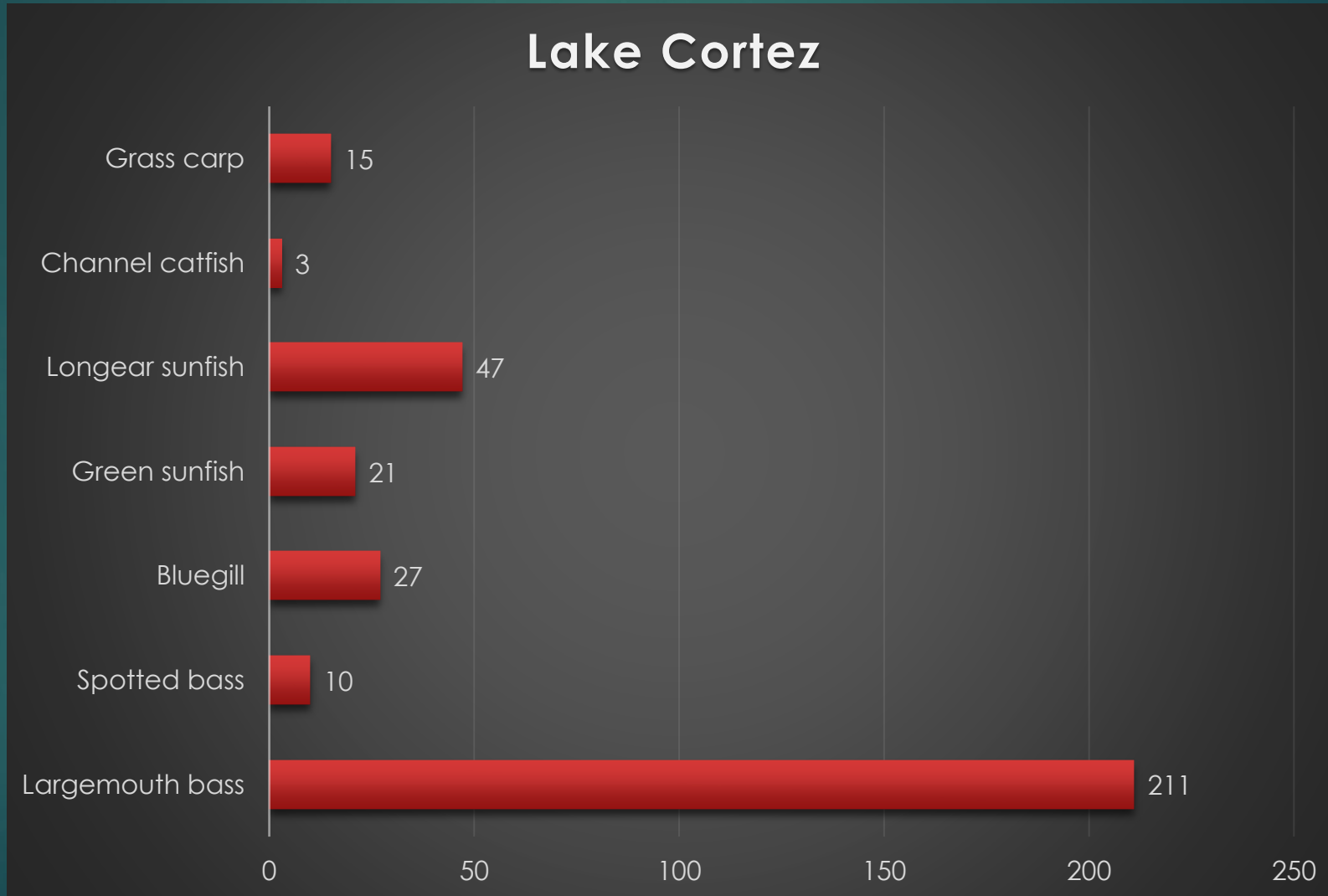
LAKE CORTEZ

- 245 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 4'8"
- WATER TEMP: 67.8°



LAKE CORTEZ

ALL SPECIES SAMPLED



Lake Cortez

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	15
Stock (200-299 mm)	7.8 - 11.7	93
Quality (300-379 mm)	11.8 - 14.9	79
Preferred (380-509 mm)	15.0-20.0	19
Memorable (>510 mm)	> 20.0	5
Total Number of Fish		211

LAKE CORTEZ



6.7 lbs

5.8 lbs

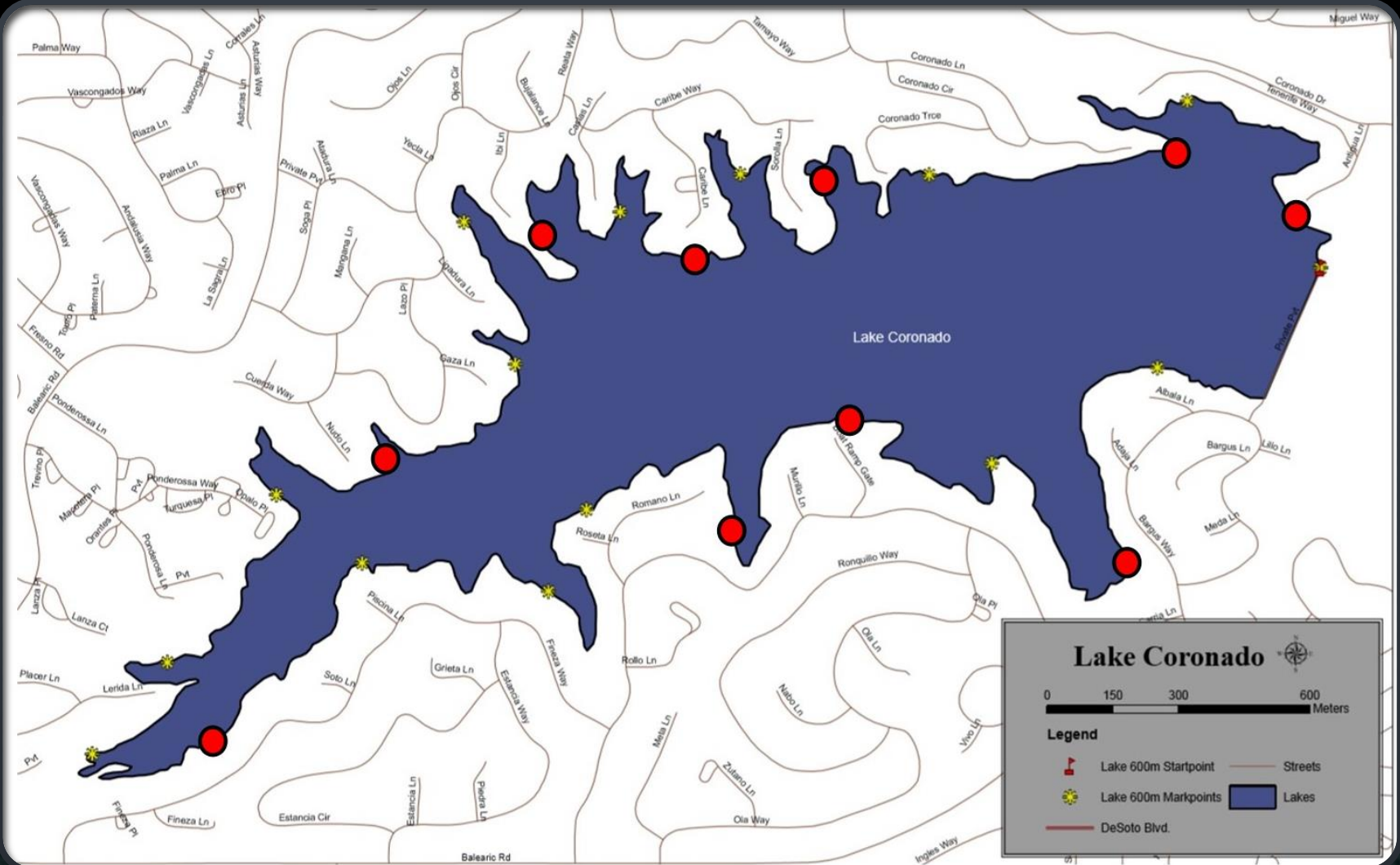


Creole Darter



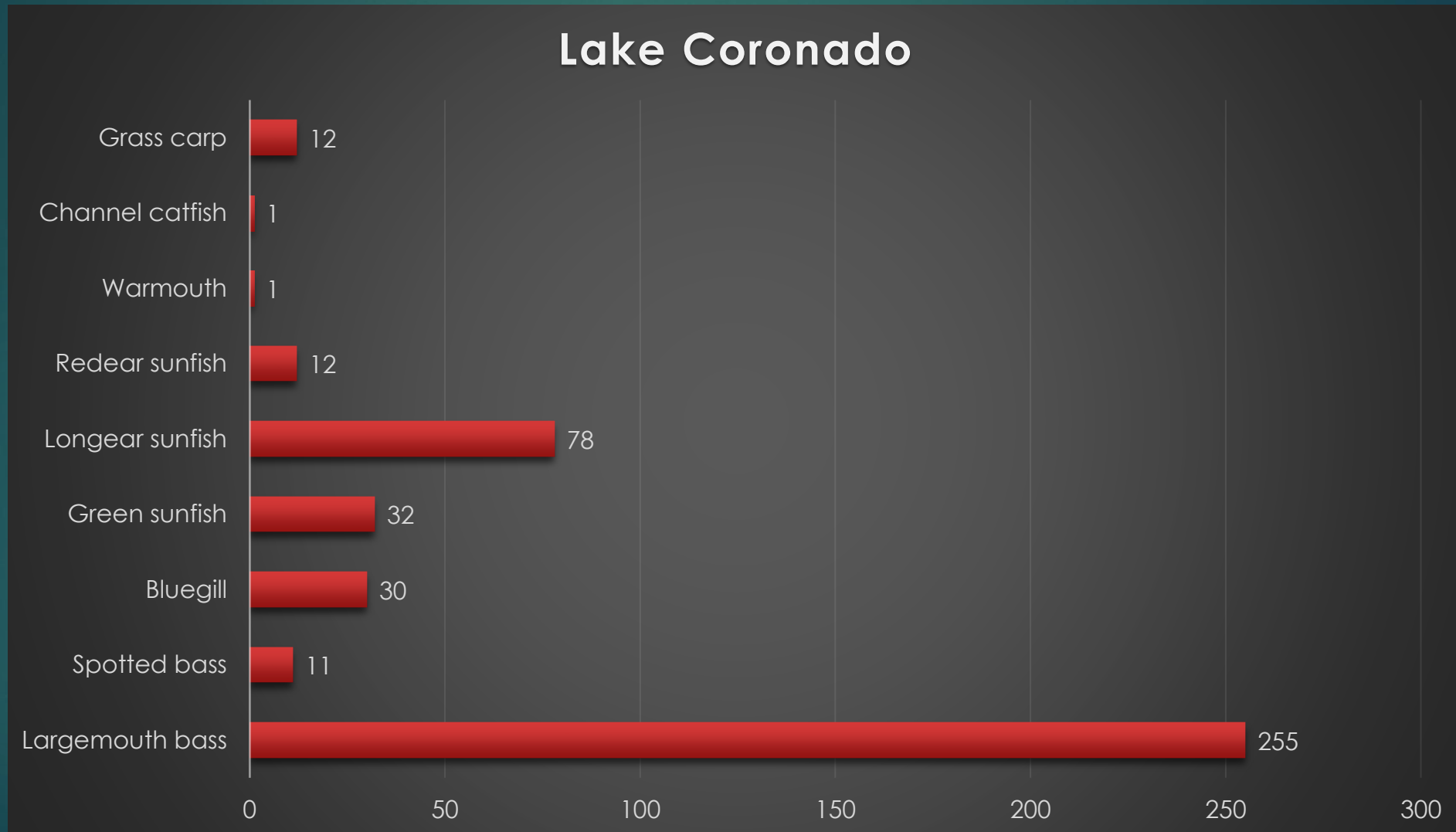
LAKE CORONADO

- 390 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 6'3"
- WATER TEMP: 66.7°



LAKE CORONADO

ALL SPECIES SAMPLED



Lake Coronado

largemouth bass

Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	24
Stock (200-299 mm)	7.8 - 11.7	138
Quality (300-379 mm)	11.8 - 14.9	72
Preferred (380-509 mm)	15.0-20.0	19
Memorable (>510 mm)	> 20.0	2
Total Number of Fish		255

LAKE CORONADO

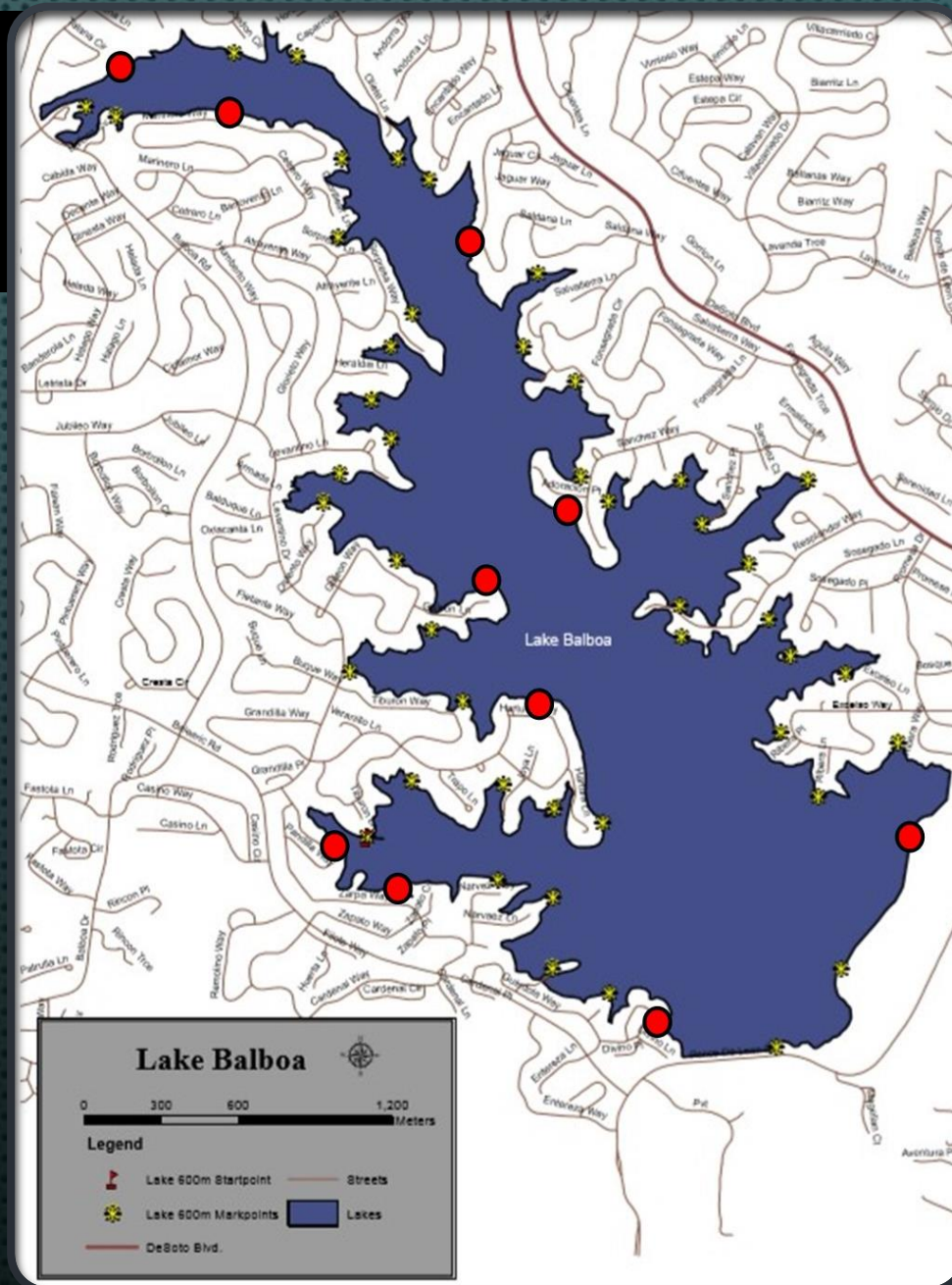


5.7 lbs



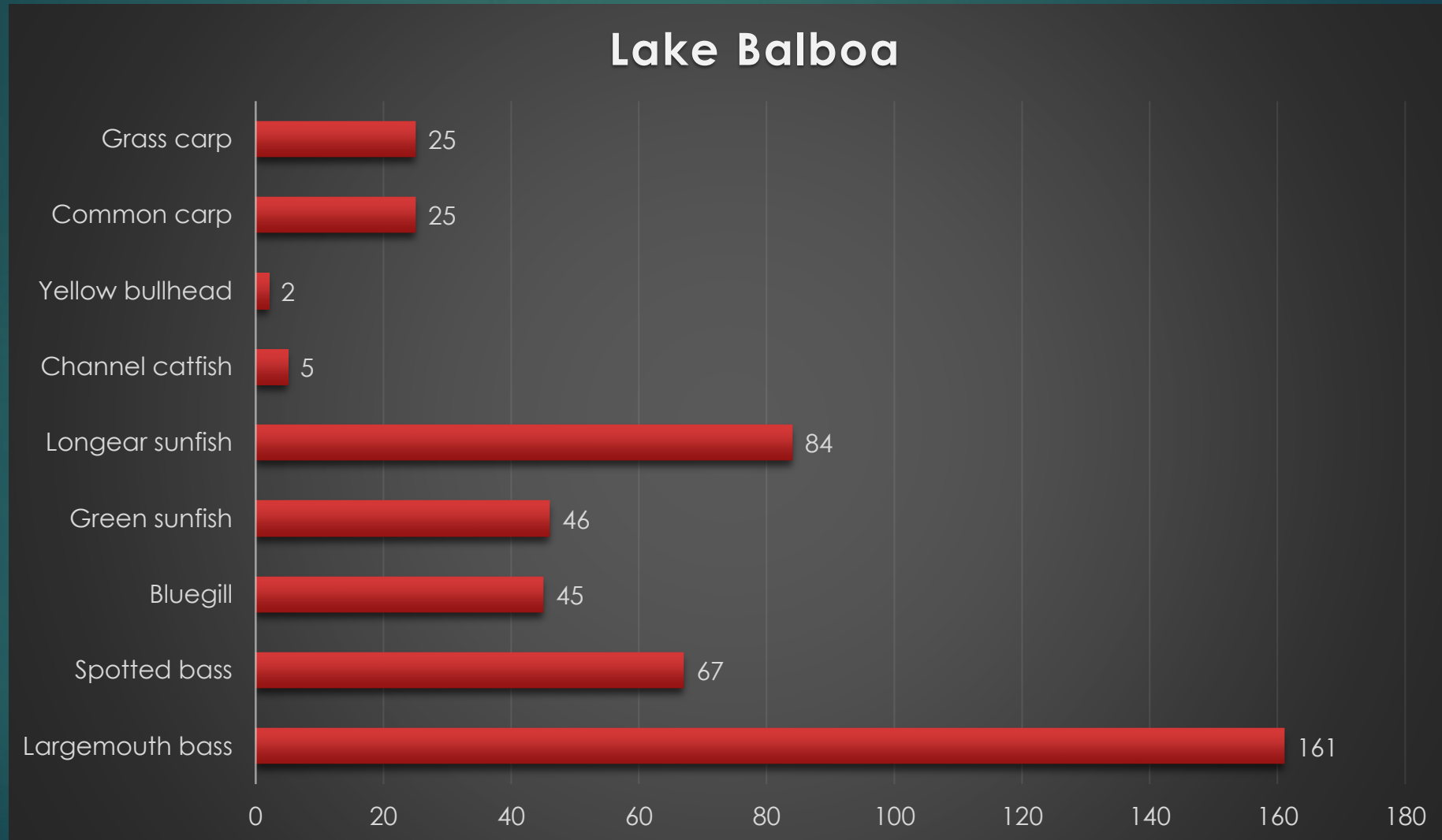
LAKE BALBOA

- 944 ACRES
- 20 RANDOMLY SELECTED SITES
- SECCHI: 9' 11"
- WATER TEMP: 65.9°



LAKE BALBOA

ALL SPECIES SAMPLED



Lake Balboa

largemouth bass

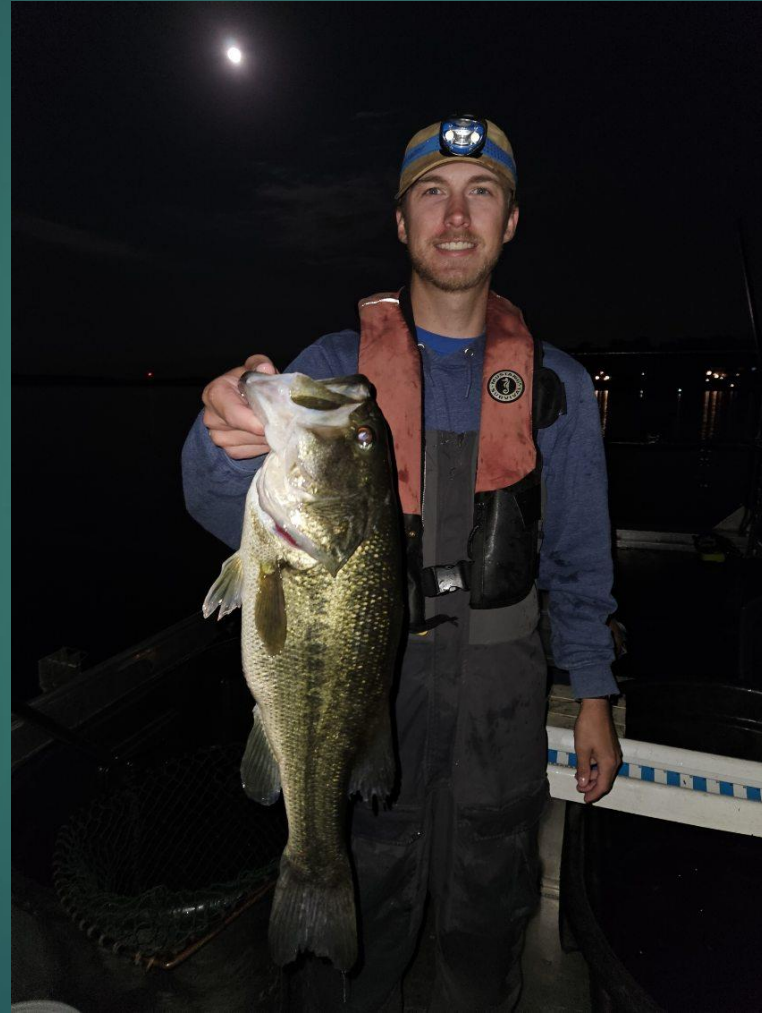
Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	11
Stock (200-299 mm)	7.8 - 11.7	45
Quality (300-379 mm)	11.8 - 14.9	56
Preferred (380-509 mm)	15.0-20.0	47
Memorable (>510 mm)	> 20.0	2
Total Number of Fish		161

Lake Balboa

largemouth bass



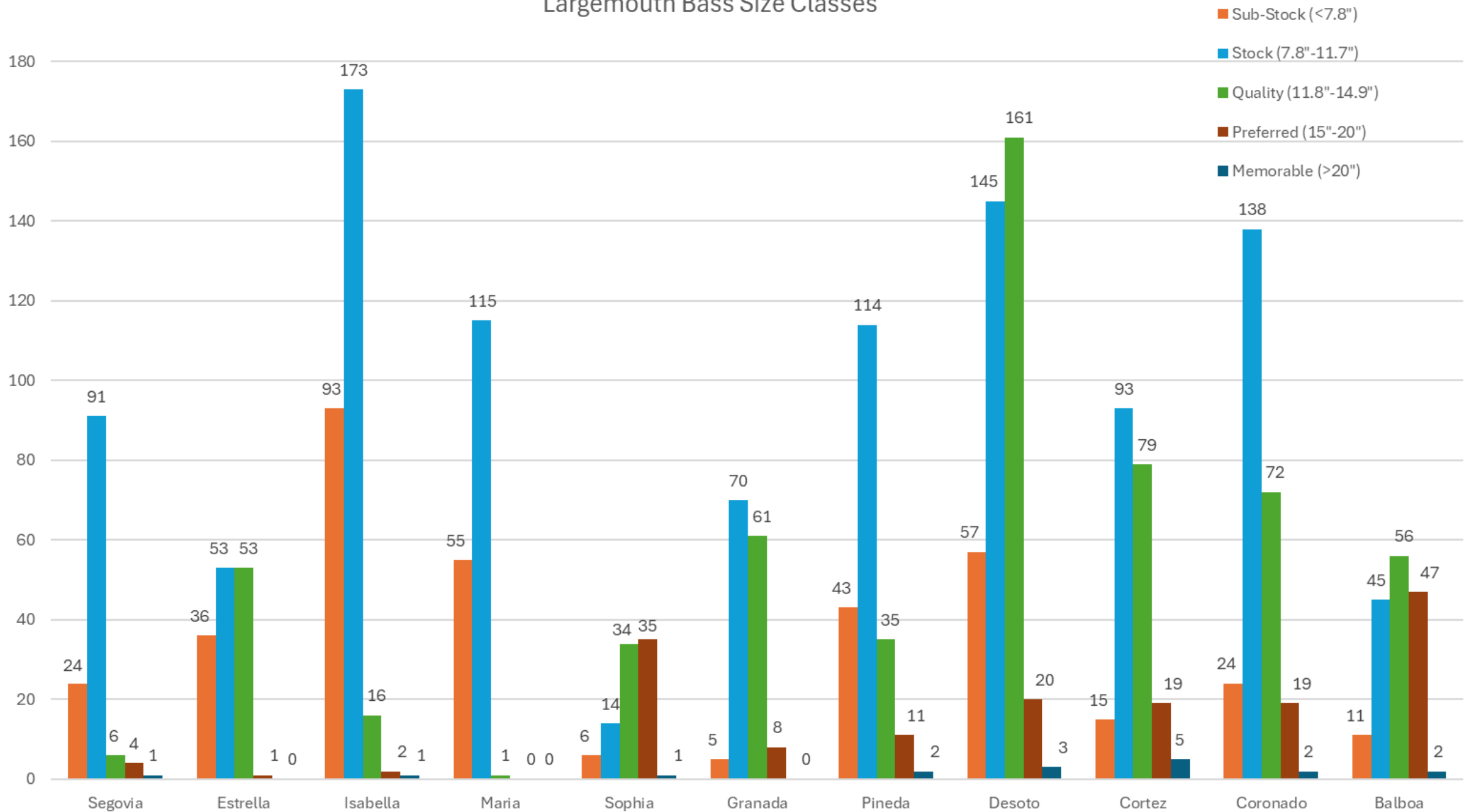
32.2 lbs 40.25" Blue Catfish



5 lbs



Largemouth Bass Size Classes



Questions?

