



HSV SPRING ELECTROFISHING 2023

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.

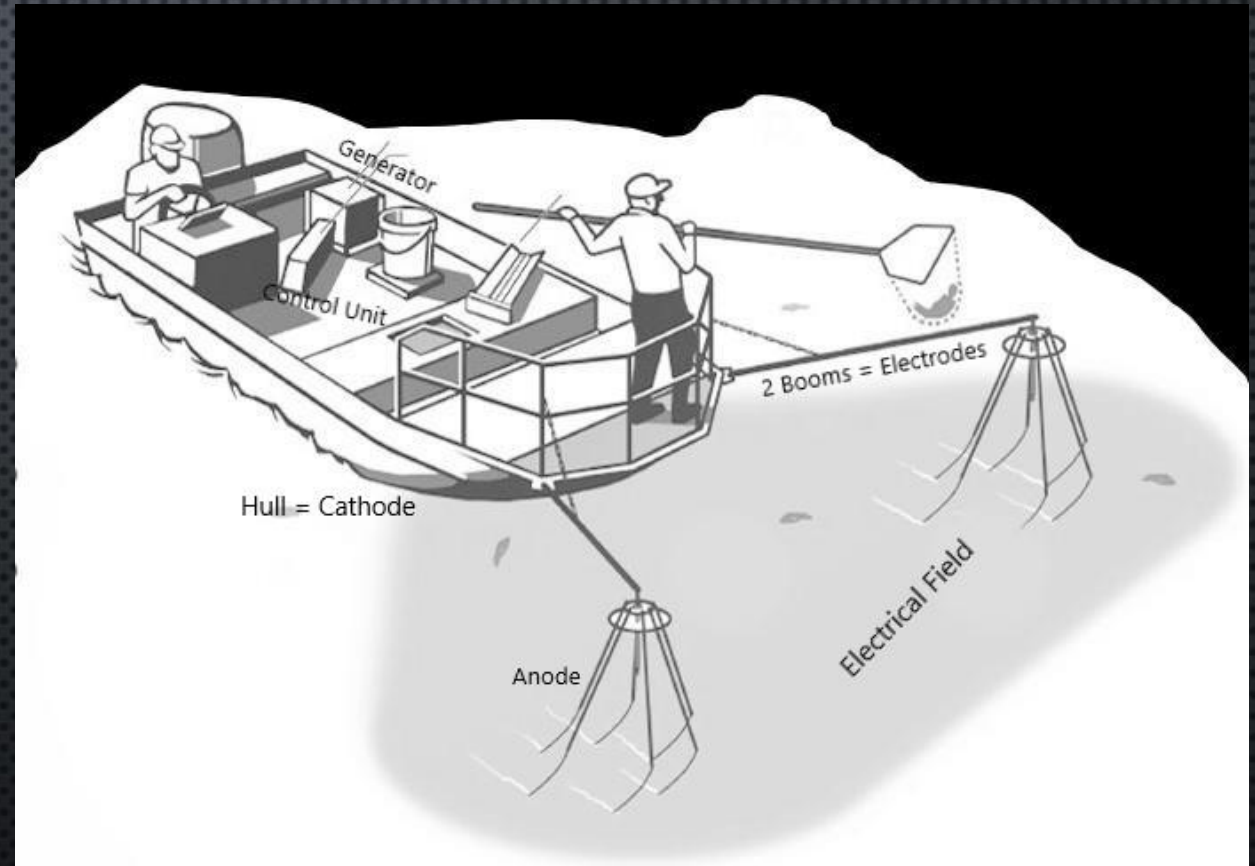
WHEN TO SAMPLE?

- Spring
- Water Temperature
 - 55° - 70°

SAMPLE SITES

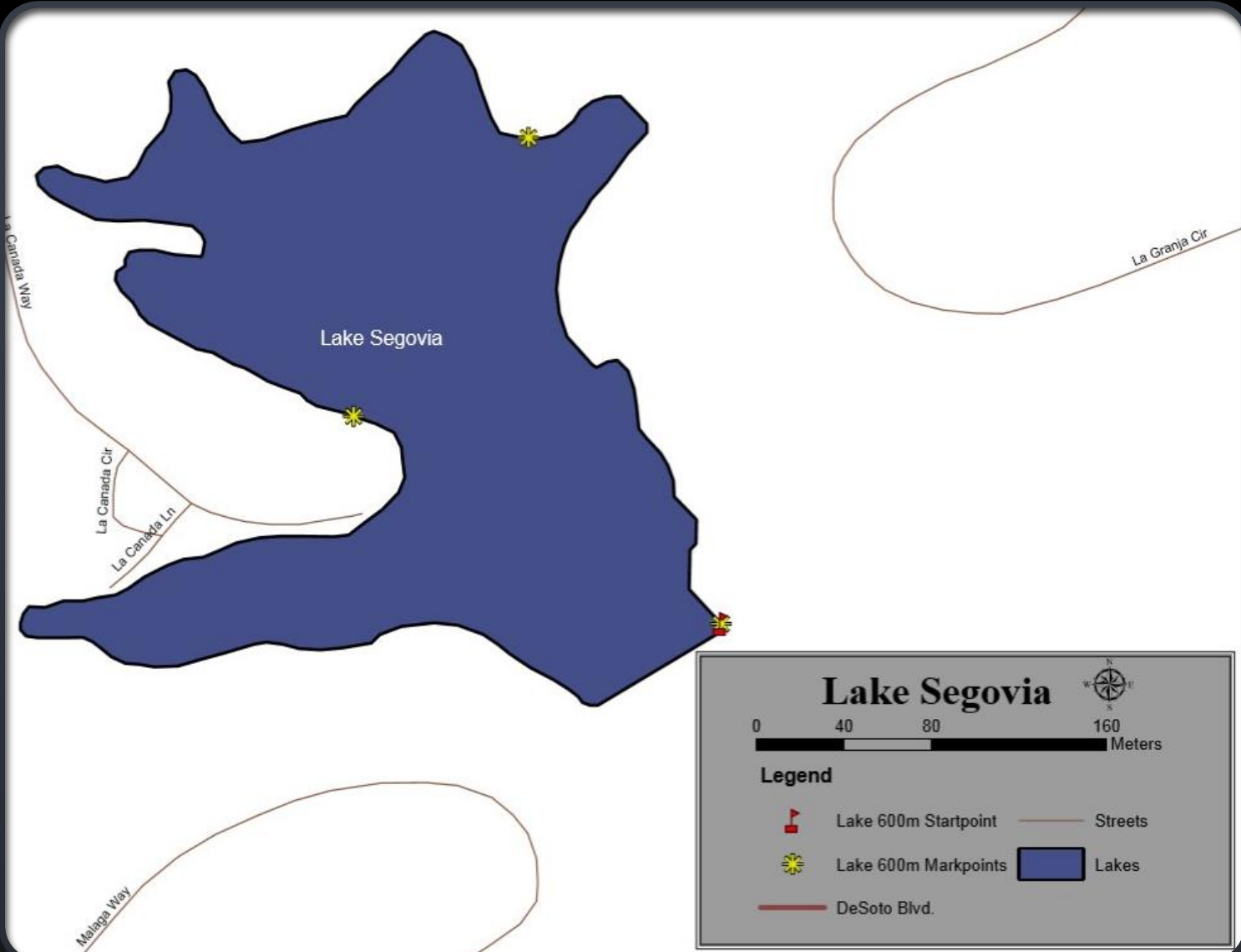
- Each waterbody is broke into 600 m sections.
- <2000 Acres = 10 Sample Sites
- < 10 Sample Sites = Whole Body of Water
- Water Temperature
 - 55° - 70°

HOW DOES IT WORK?



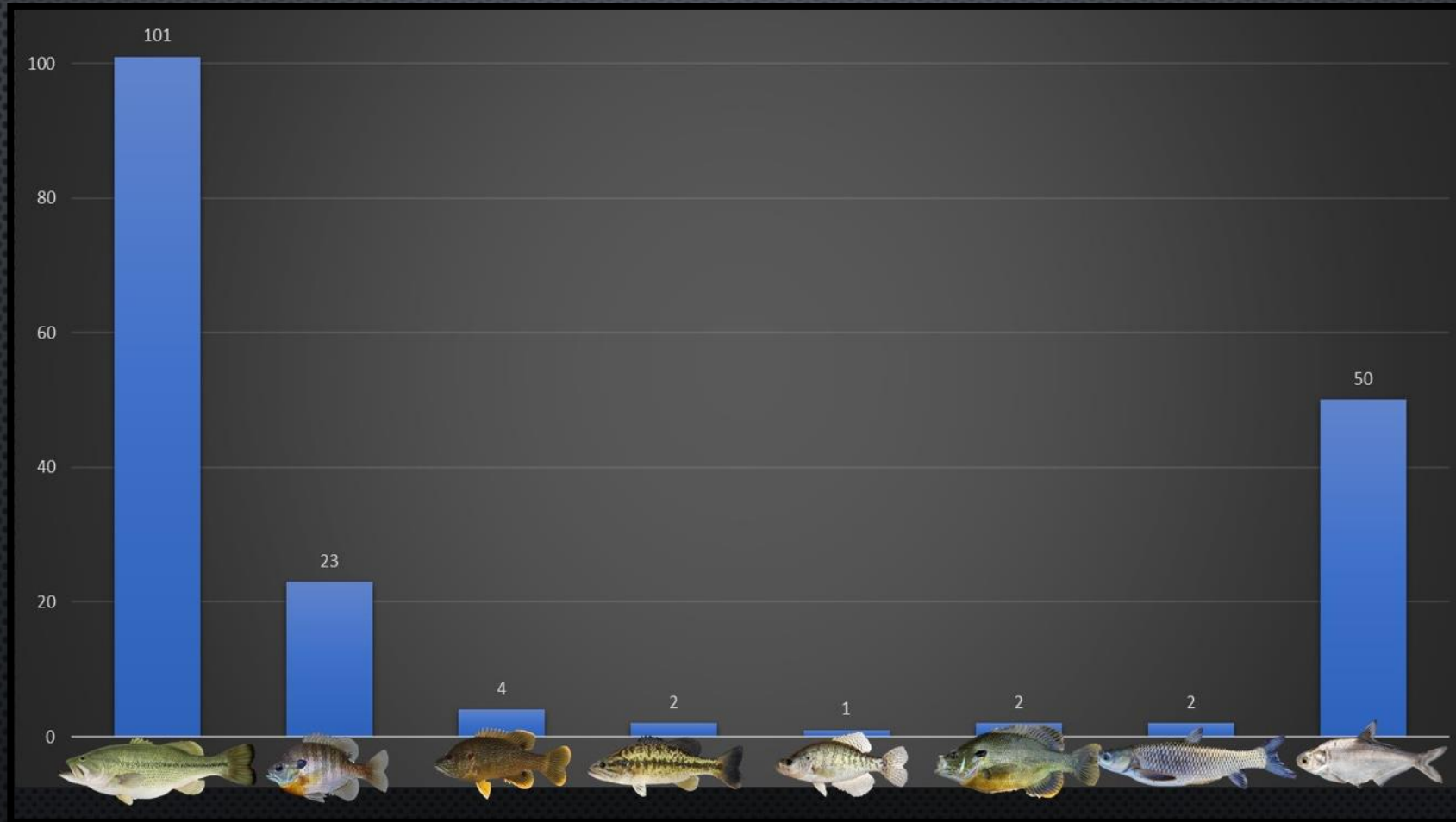
LAKE SEGOVIA

- 11 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 3' 11"
- WATER TEMP: 66.7°



LAKE SEGOVIA

ALL SPECIES SAMPLED



LAKE SEGOVIA

LARGEMOUTH BASS



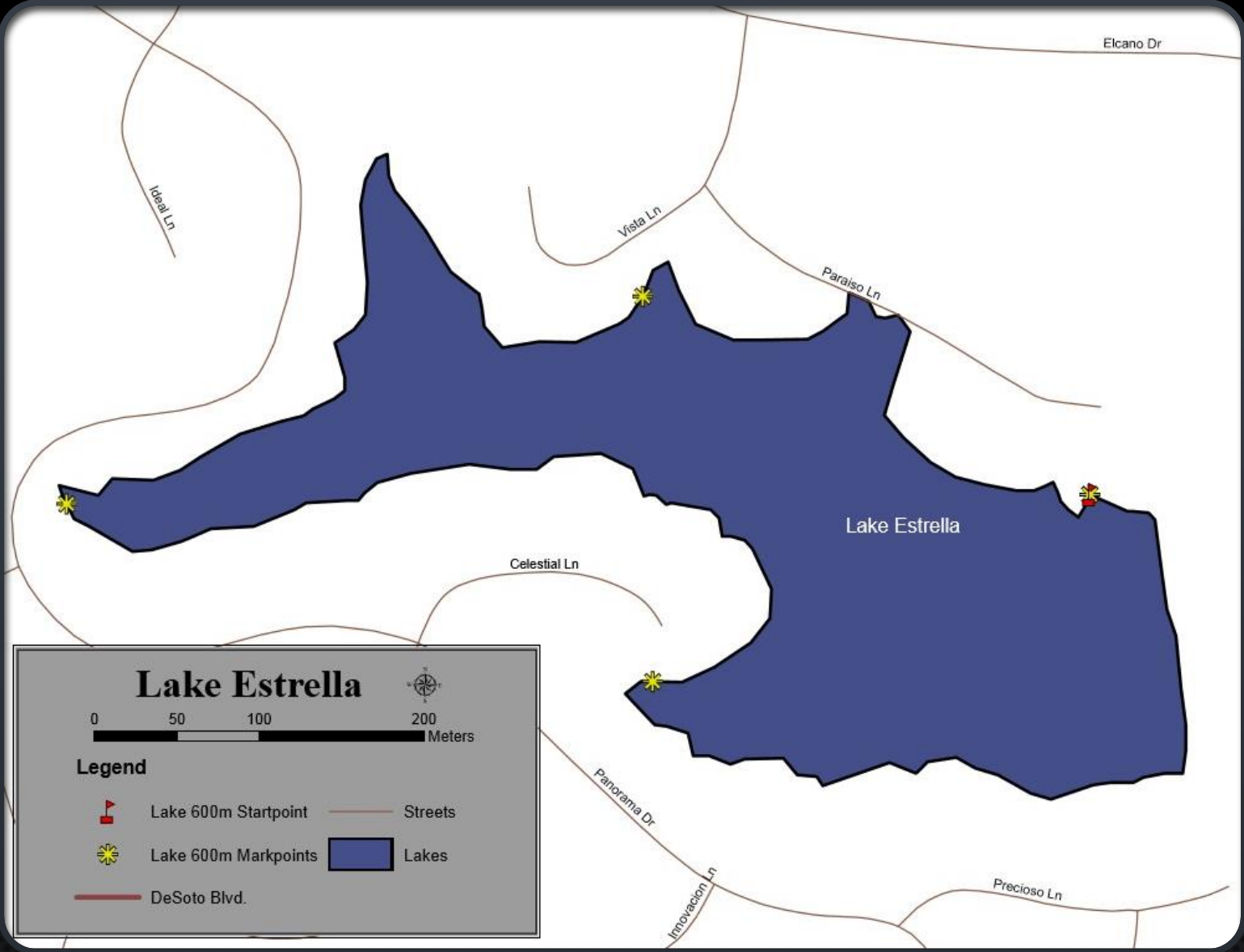
Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	29
Stock (200-299 mm)	7.8 - 11.7	65
Quality (300-379 mm)	11.8 - 14.9	7
Preferred (380-509 mm)	15.0-20.0	0
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		101

LAKE SEGOVIA



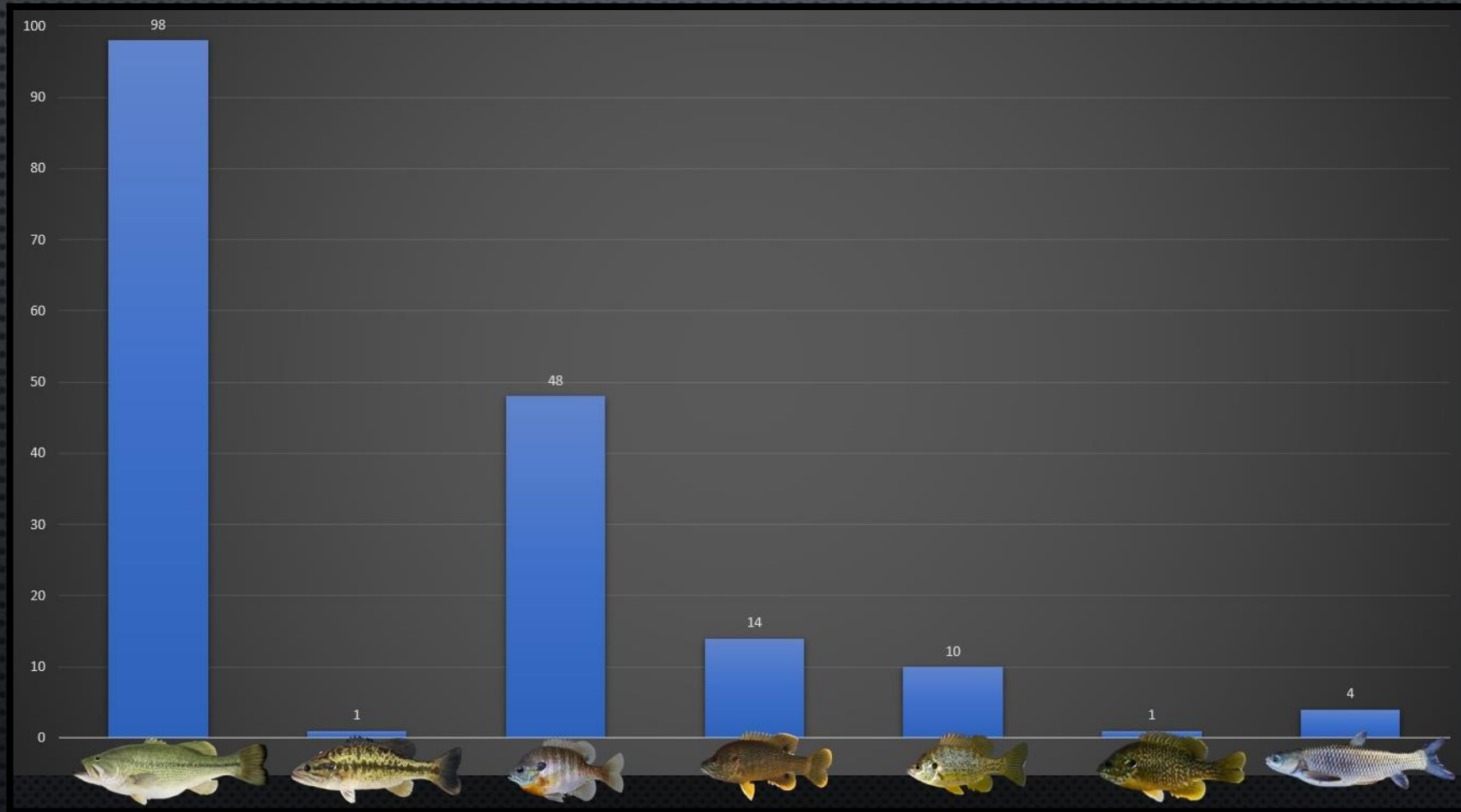
LAKE ESTRELLA

- 21 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 2' 1"
- WATER TEMP: 69.2°
- HEAVY RAIN/STORMS PREVIOUS NIGHT
- WATER TURBID



LAKE ESTRELLA

ALL SPECIES SAMPLED



LAKE ESTRELLA

LARGEMOUTH BASS



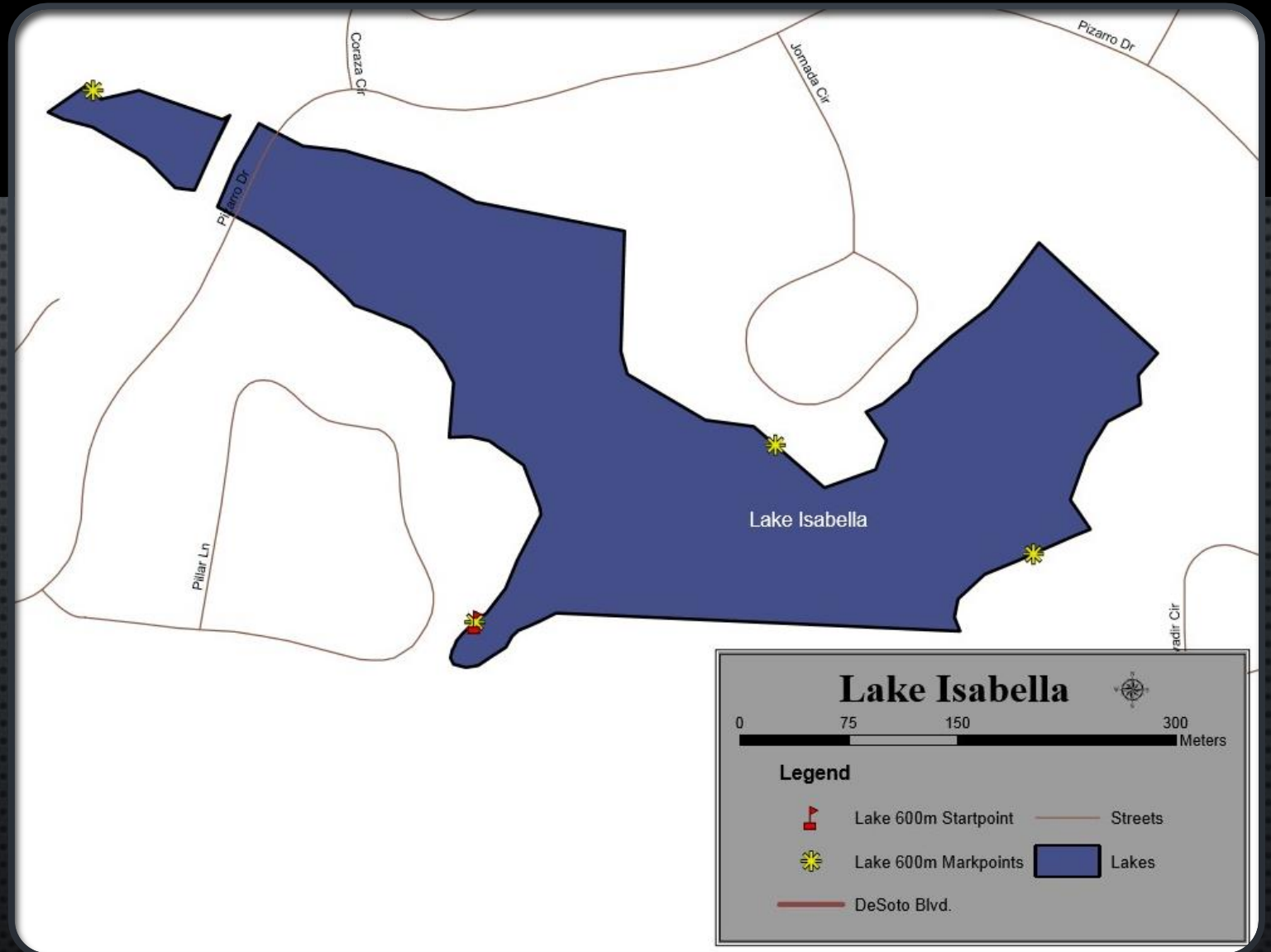
Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	25
Stock (200-299 mm)	7.8 - 11.7	41
Quality (300-379 mm)	11.8 - 14.9	32
Preferred (380-509 mm)	15.0-20.0	0
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		98

LAKE ESTRELLA



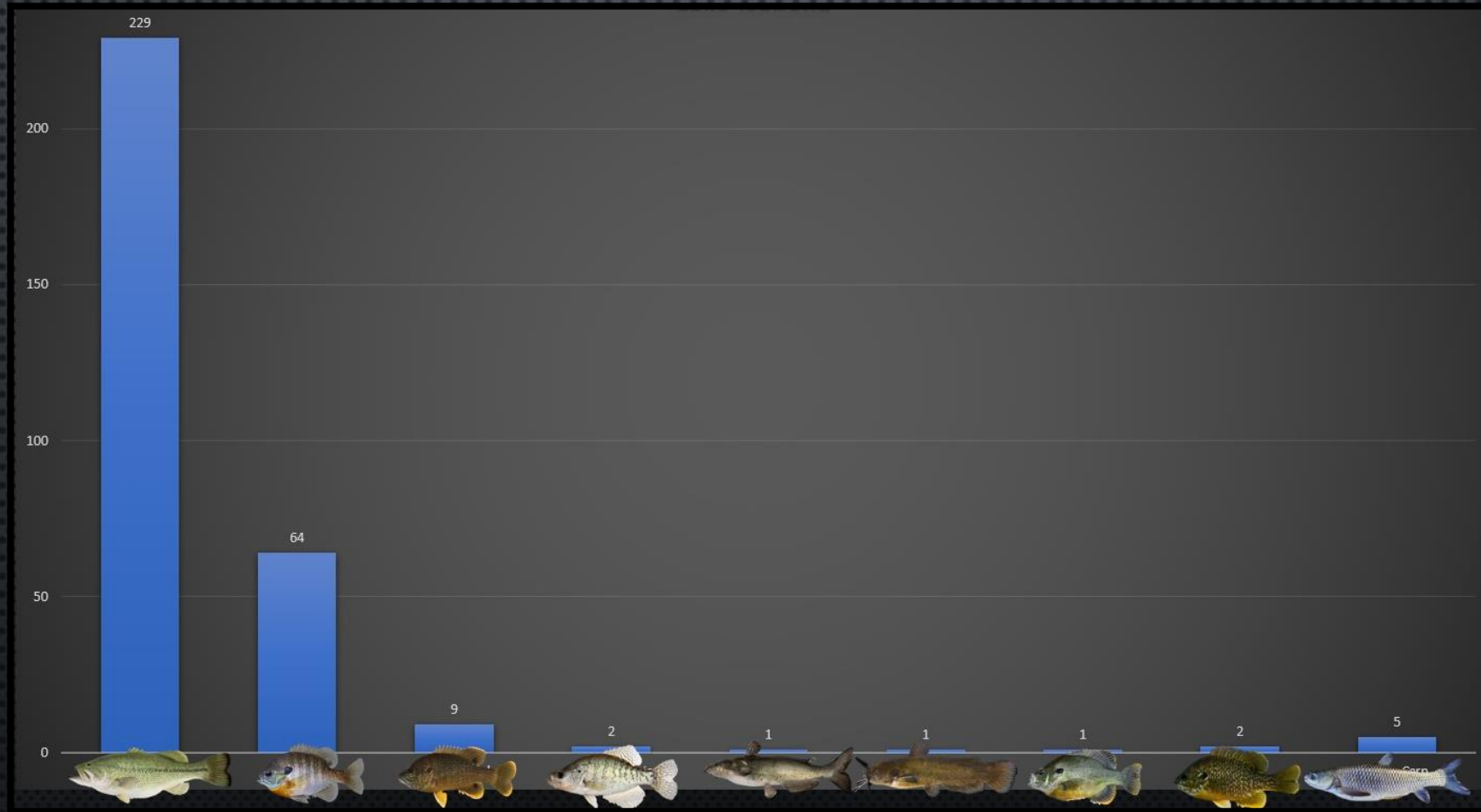
LAKE ISABELLA

- 25 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 3'8"
- WATER TEMP: 65.0°
- INFLUENCED BY VALVE ISSUES



LAKE ISABELLA

ALL SPECIES SAMPLED



LAKE ISABELLA

LARGEMOUTH BASS



Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	75
Stock (200-299 mm)	7.8 - 11.7	130
Quality (300-379 mm)	11.8 - 14.9	20
Preferred (380-509 mm)	15.0-20.0	1
Memorable (>510 mm)	> 20.0	3
Total Number of Fish		229

LAKE ISABELLA



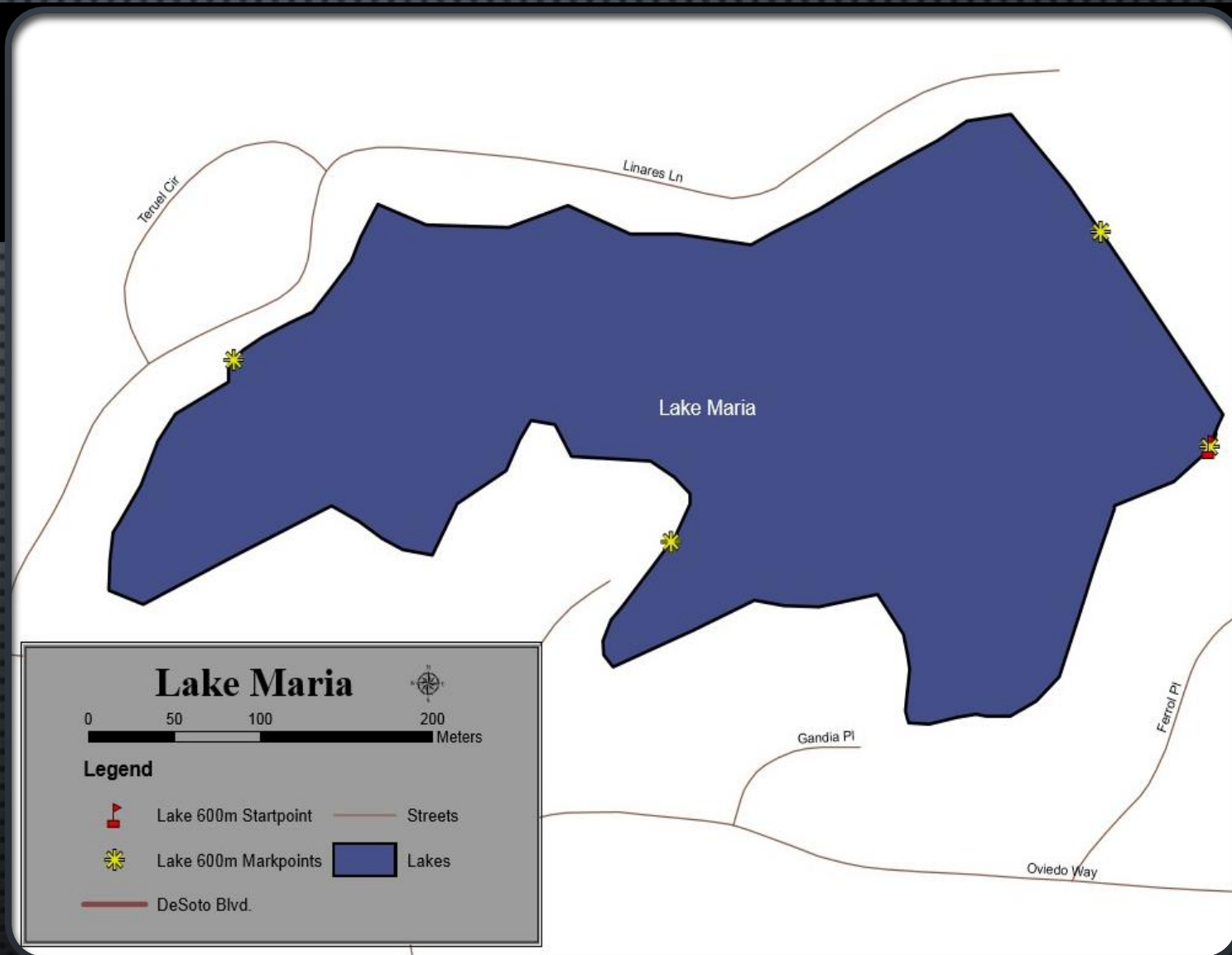
5.1lb

6.1lb

5.1lb

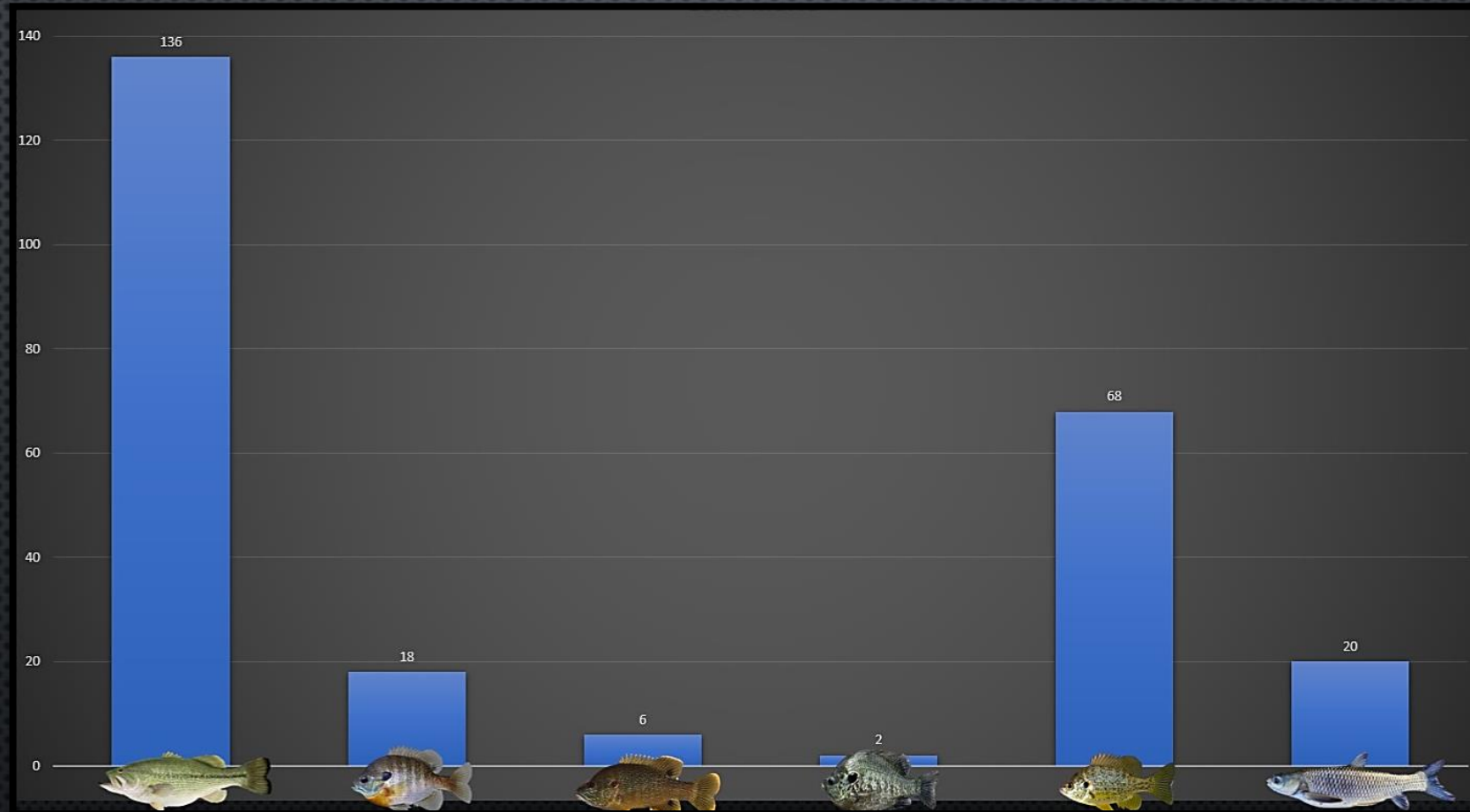
LAKE MARIA

- 27 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 4' 1"
- WATER TEMP: 73.7°
- NO AQUATIC VEGETATION



LAKE MARIA

ALL SPECIES SAMPLED



LAKE MARIA

LARGEMOUTH BASS



Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	31
Stock (200-299 mm)	7.8 - 11.7	93
Quality (300-379 mm)	11.8 - 14.9	11
Preferred (380-509 mm)	15.0-20.0	1
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		136

LAKE MARIA

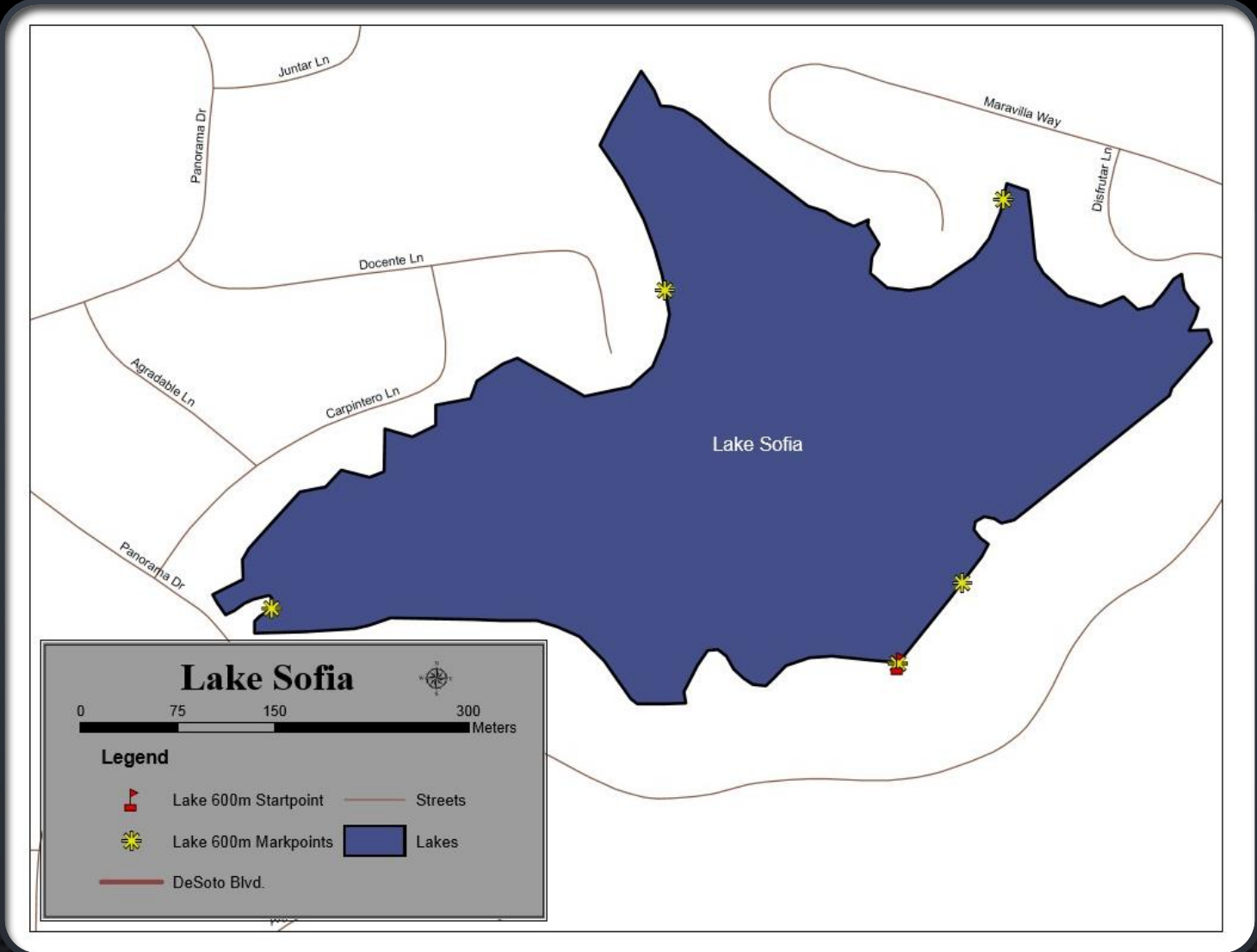


Duane Tarbet 4.1 lb



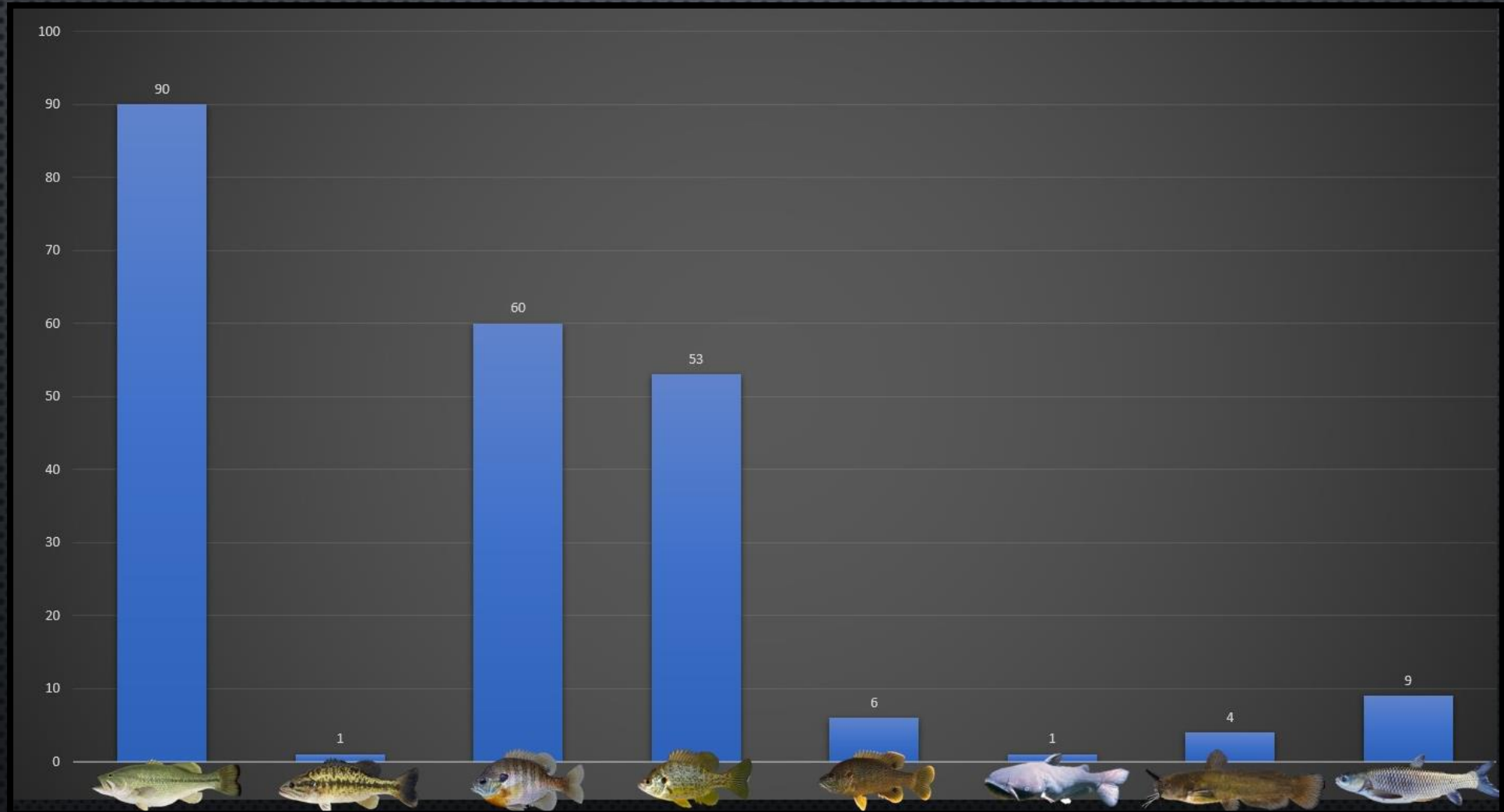
LAKE SOPHIA

- 36 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 5' 1"
- WATER TEMP: 69.2°



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

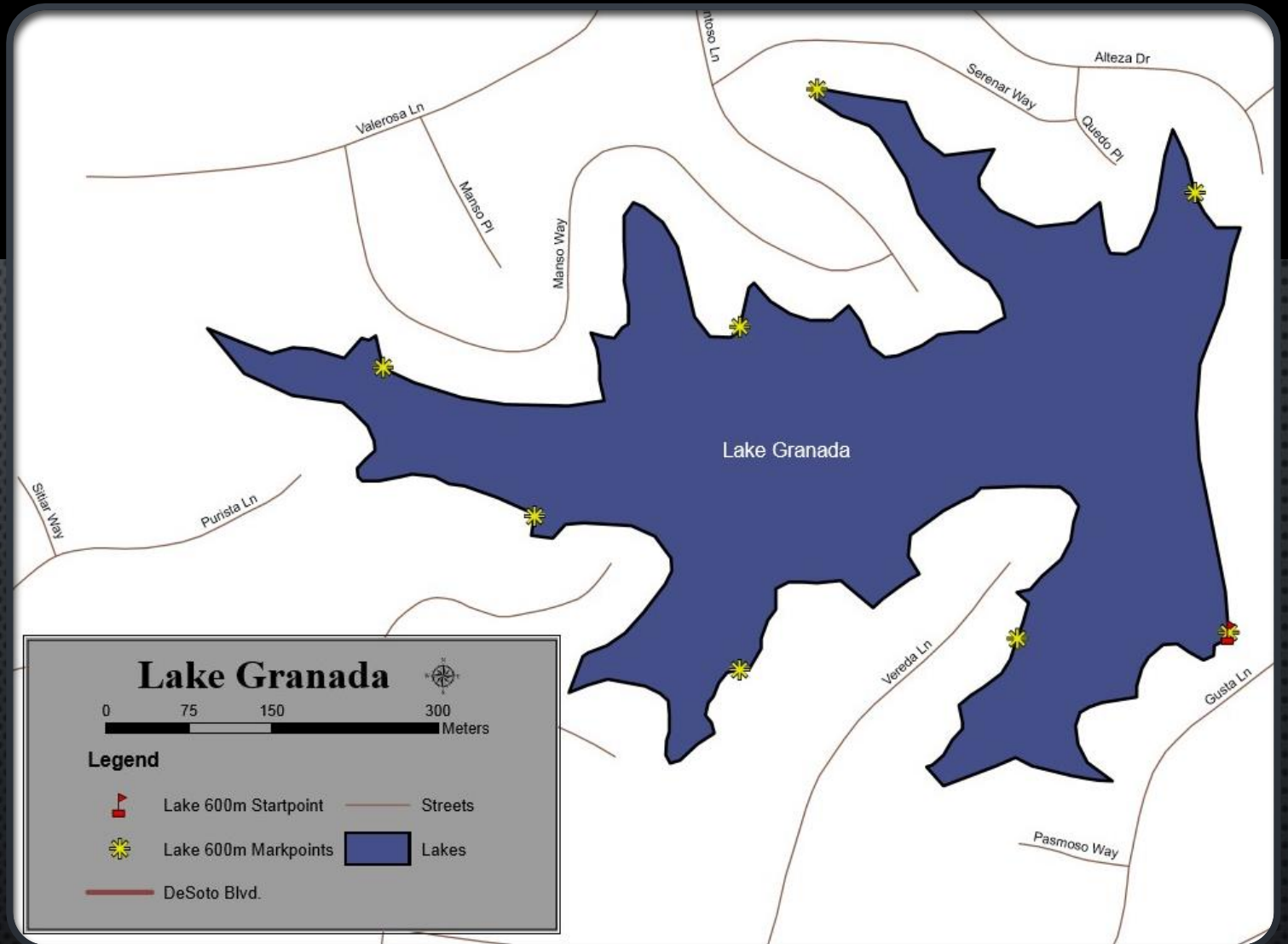
LAKE SOPHIA



BCF 13.1 lb

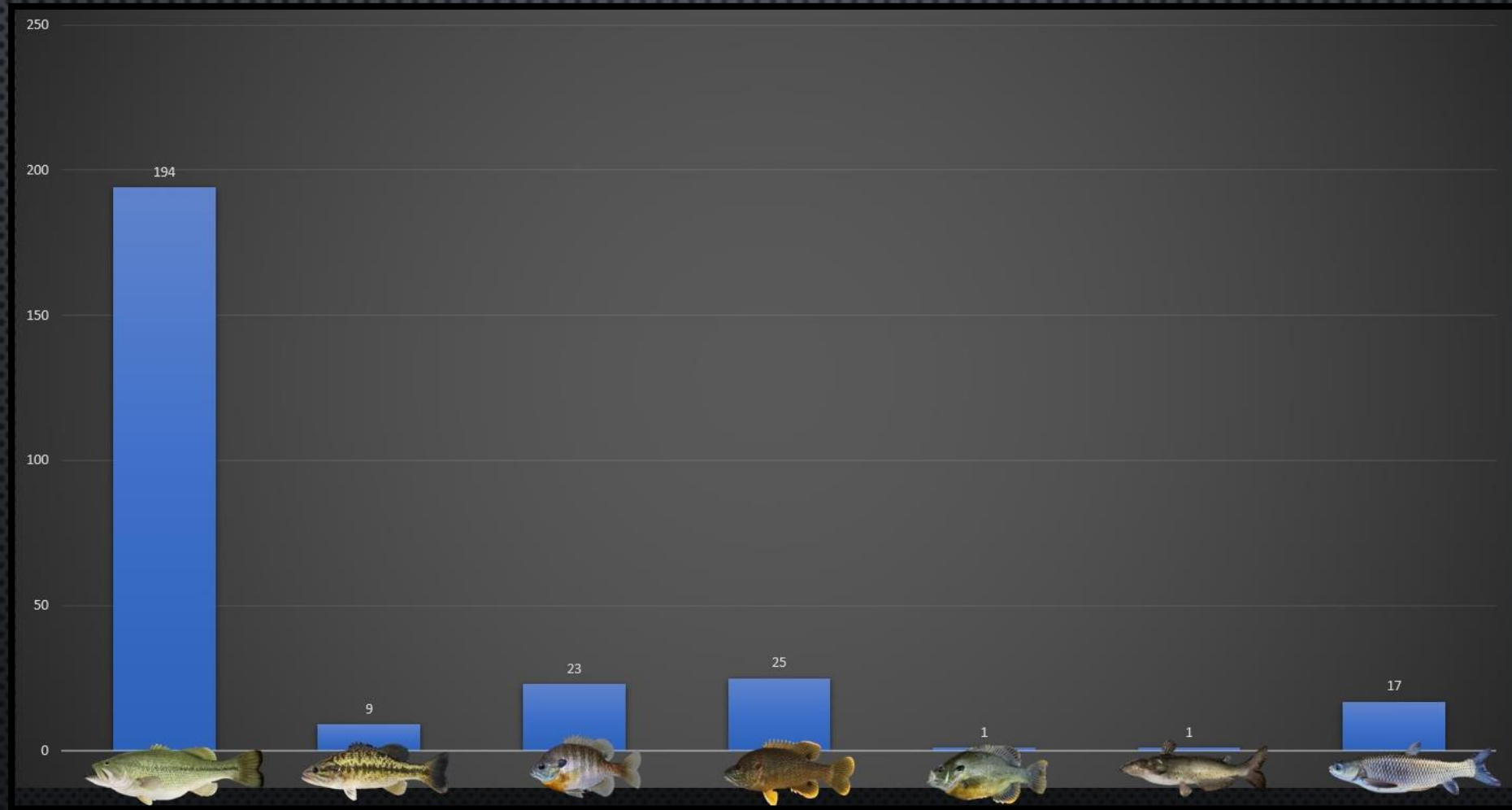
LAKE GRANADA

- 54 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 2' 10"
- WATER TEMP: 68.7°
- HEAVY RAIN/STORMS PREVIOUS NIGHT
- WATER TURBID



LAKE GRANADA

ALL SPECIES SAMPLED



LAKE GRANADA

LARGEMOUTH BASS

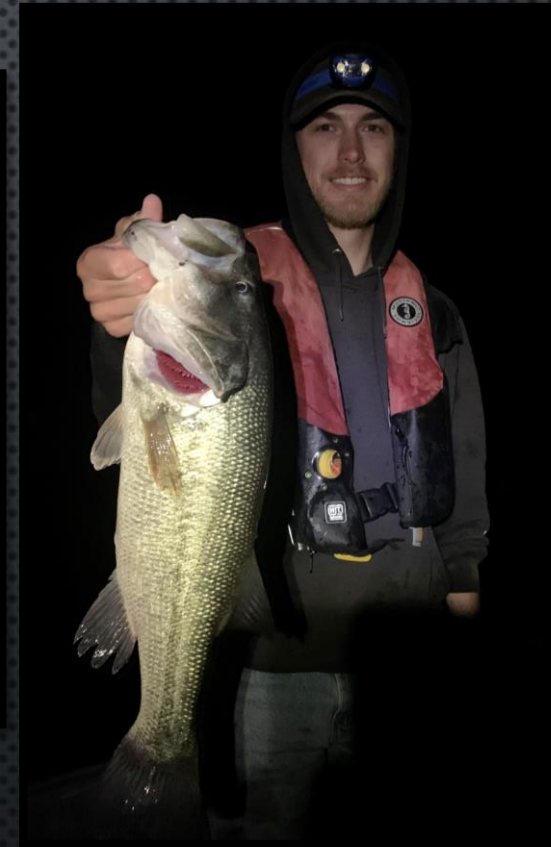


Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	15
Stock (200-299 mm)	7.8 - 11.7	152
Quality (300-379 mm)	11.8 - 14.9	20
Preferred (380-509 mm)	15.0-20.0	6
Memorable (>510 mm)	> 20.0	1
Total Number of Fish		194

LAKE GRANADA



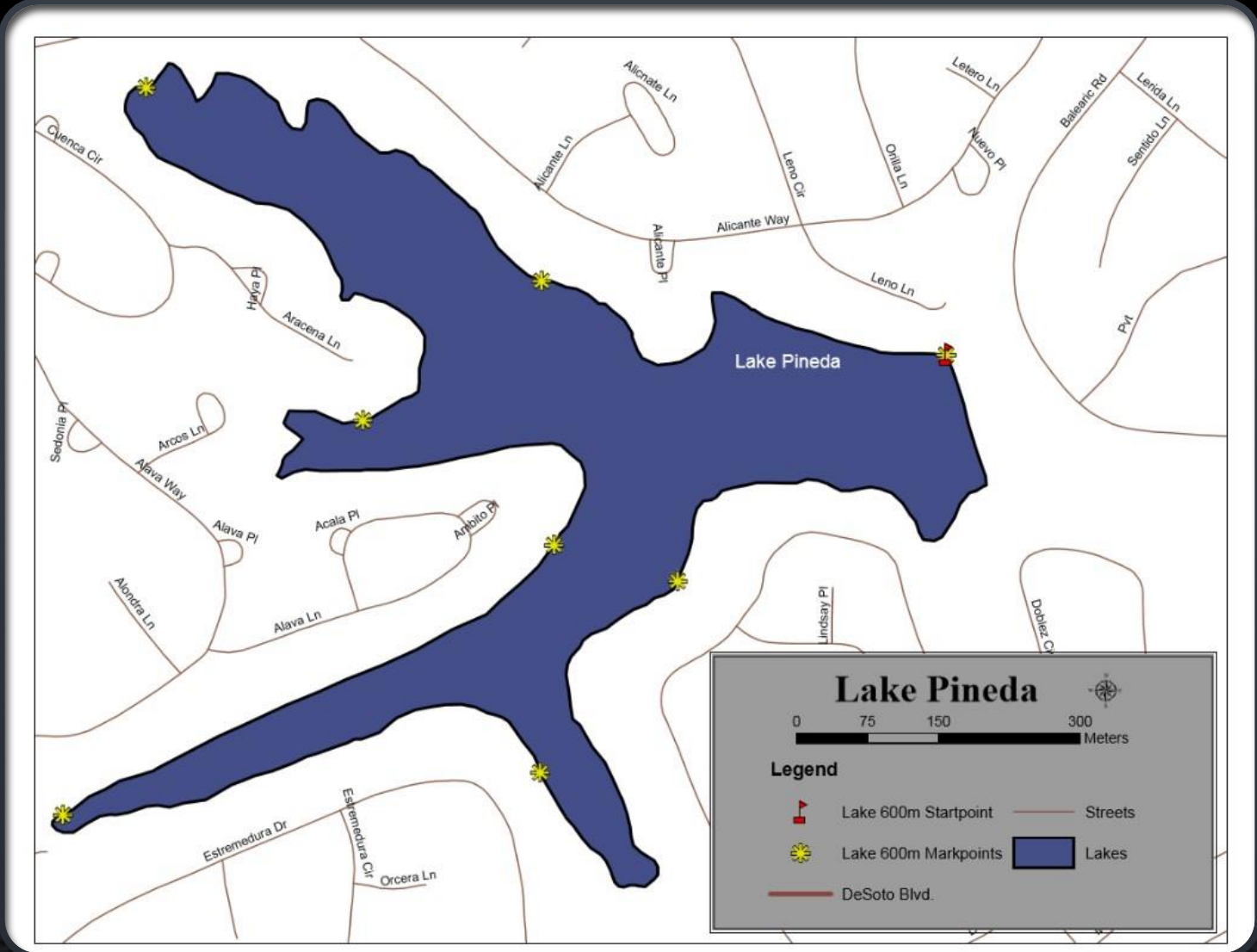
CCF 8.5 lb



3.9 lb

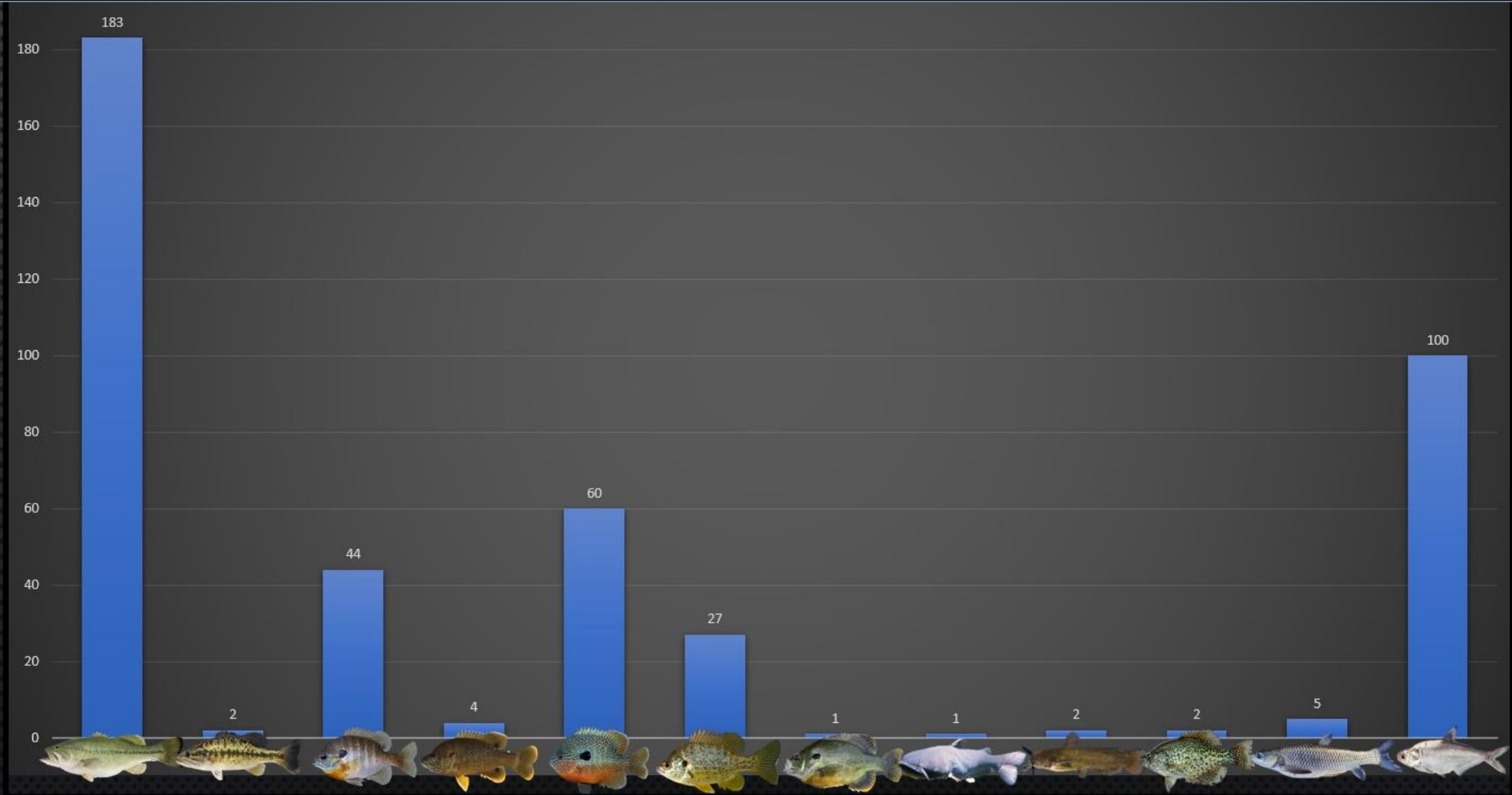
LAKE PINEDA

- 62 ACRES
- SAMPLED ENTIRE SHORELINE
- SECCHI: 3'8"
- WATER TEMP: 69.7°



LAKE PINEDA

ALL SPECIES SAMPLED



LAKE PINEDA

LARGEMOUTH BASS



Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	33
Stock (200-299 mm)	7.8 - 11.7	109
Quality (300-379 mm)	11.8 - 14.9	31
Preferred (380-509 mm)	15.0-20.0	10
Memorable (>510 mm)	> 20.0	0
Total Number of Fish		183

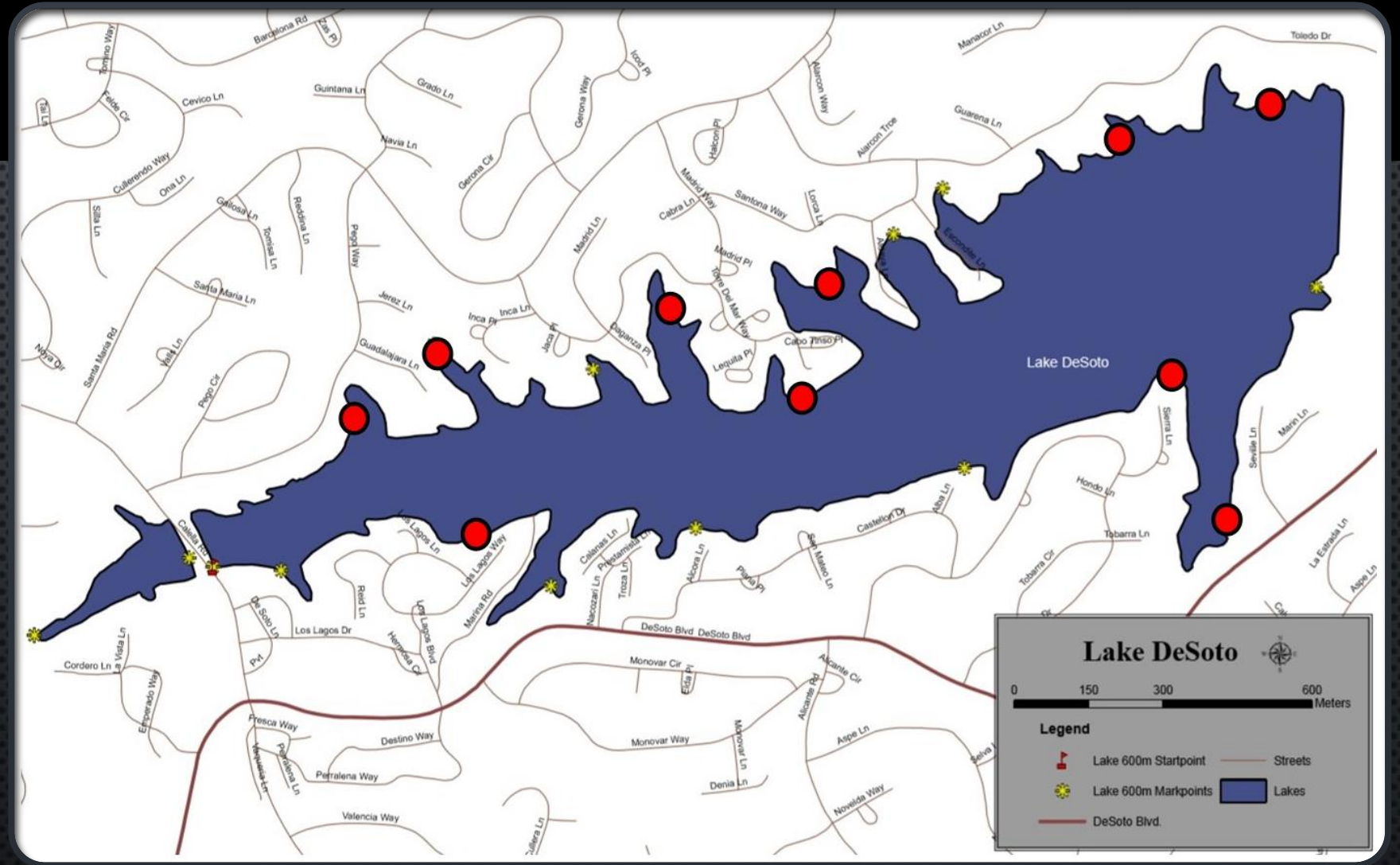
LAKE PINEDA



2.9 lb & 2.9 lb

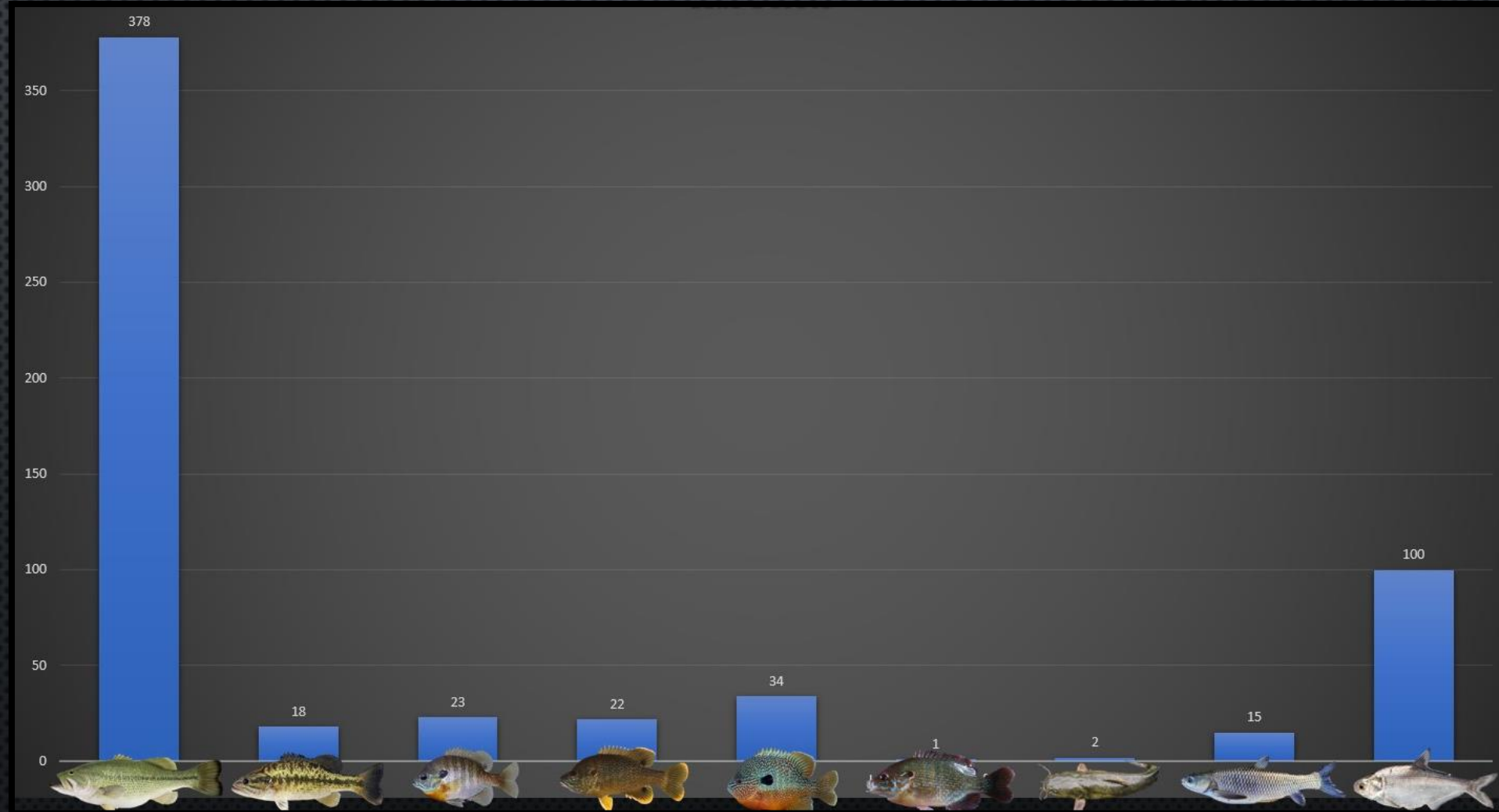
LAKE DESOTO

- 200 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 4' 5"
- WATER TEMP: 68.4°



LAKE DESOTO

ALL SPECIES SAMPLED



LAKE DESOTO

LARGEMOUTH BASS



Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	40
Stock (200-299 mm)	7.8 - 11.7	174
Quality (300-379 mm)	11.8 - 14.9	141
Preferred (380-509 mm)	15.0-20.0	17
Memorable (>510 mm)	> 20.0	6
Total Number of Fish		378

LAKE DESOTO



SPB 1.7 lb



4 lb

4 lb

5 lb



4.4 lb

5.8 lb

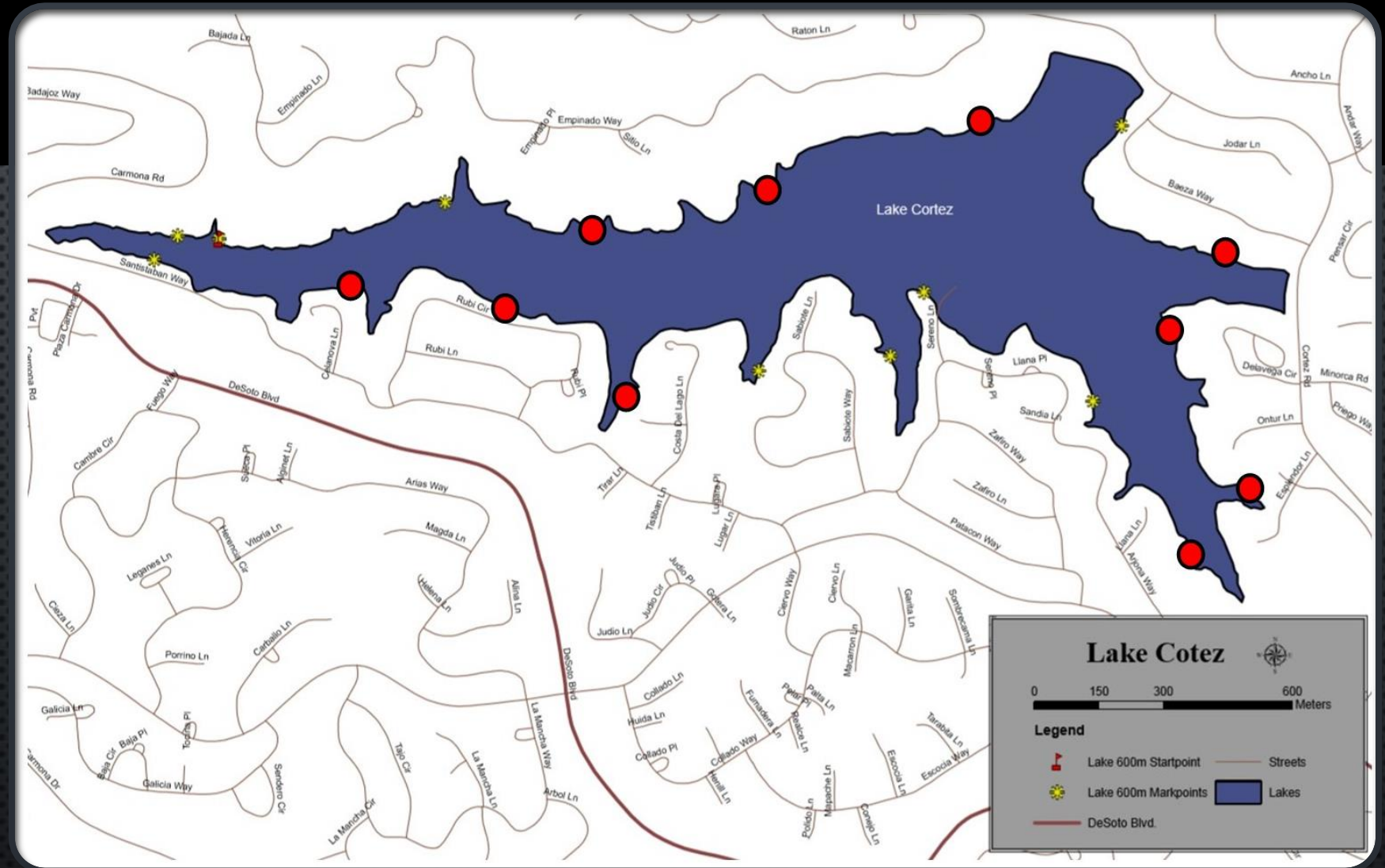


5.4 lb

5.3 lb

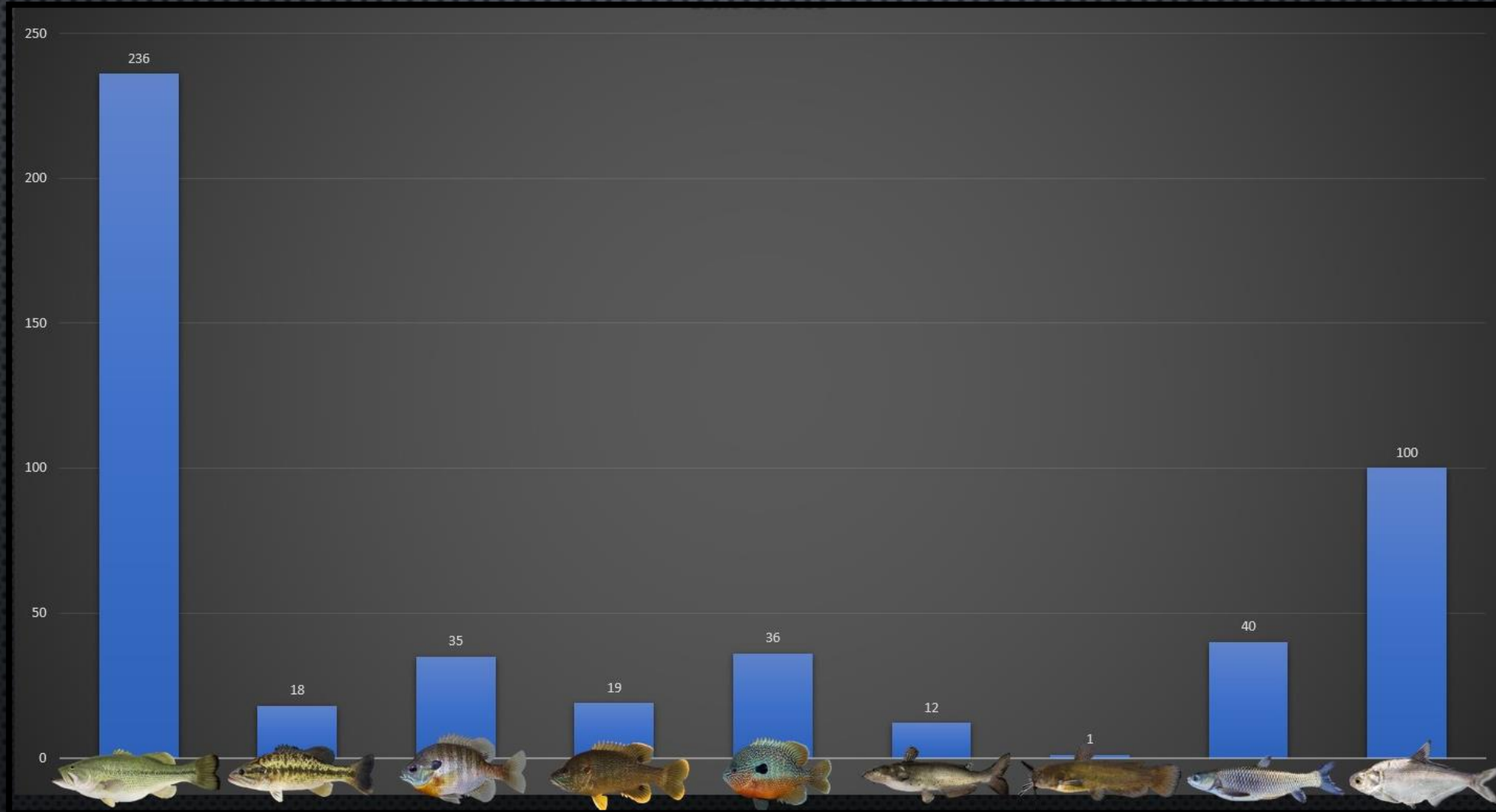
LAKE CORTEZ

- 245 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 4' 5"
- WATER TEMP: 65.4°



LAKE CORTEZ

ALL SPECIES SAMPLED



LAKE CORTEZ

LARGEMOUTH BASS



Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	24
Stock (200-299 mm)	7.8 - 11.7	92
Quality (300-379 mm)	11.8 - 14.9	99
Preferred (380-509 mm)	15.0-20.0	17
Memorable (>510 mm)	> 20.0	4
Total Number of Fish		236

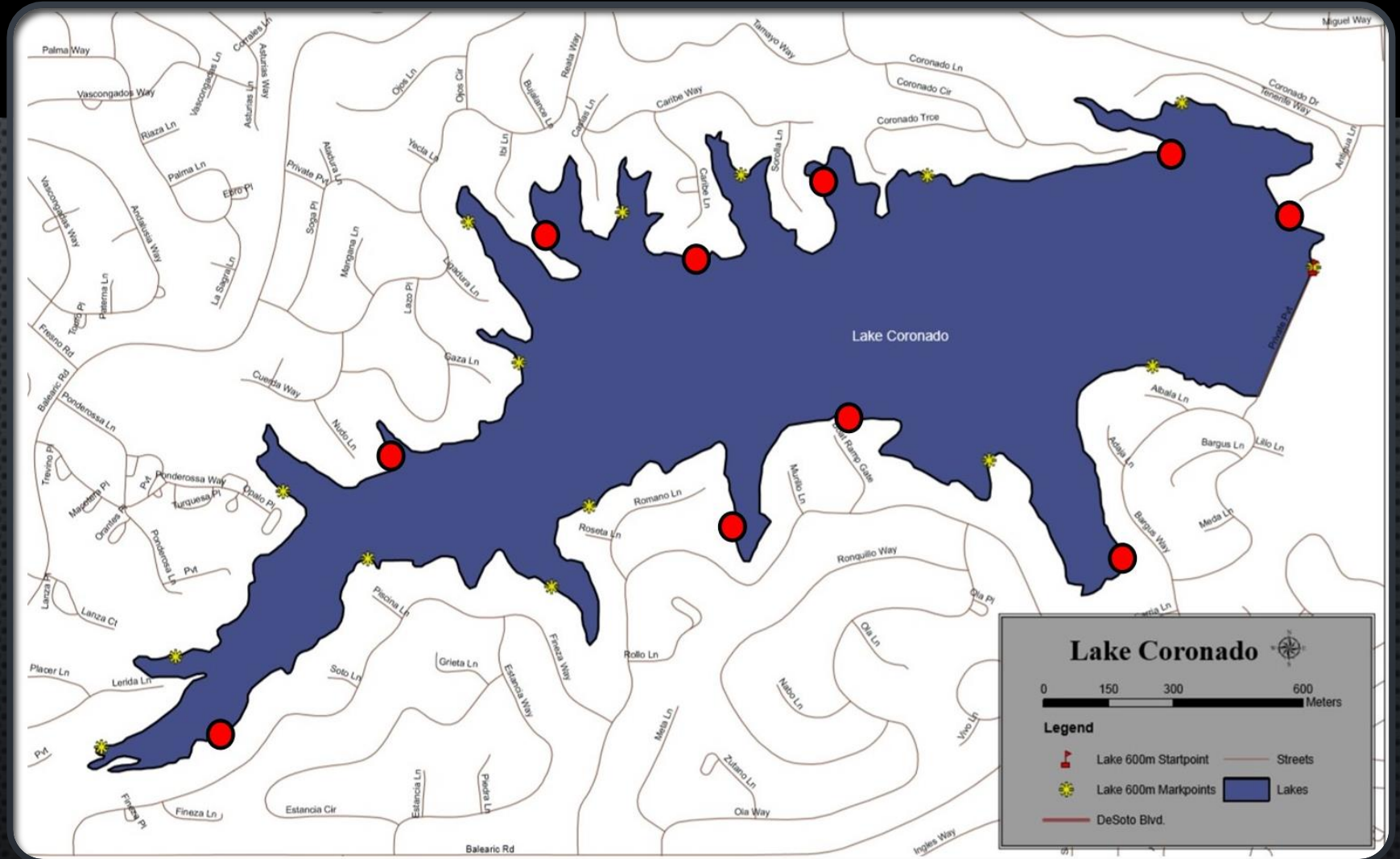
LAKE CORTEZ



Biggest LMB 7.7 lb

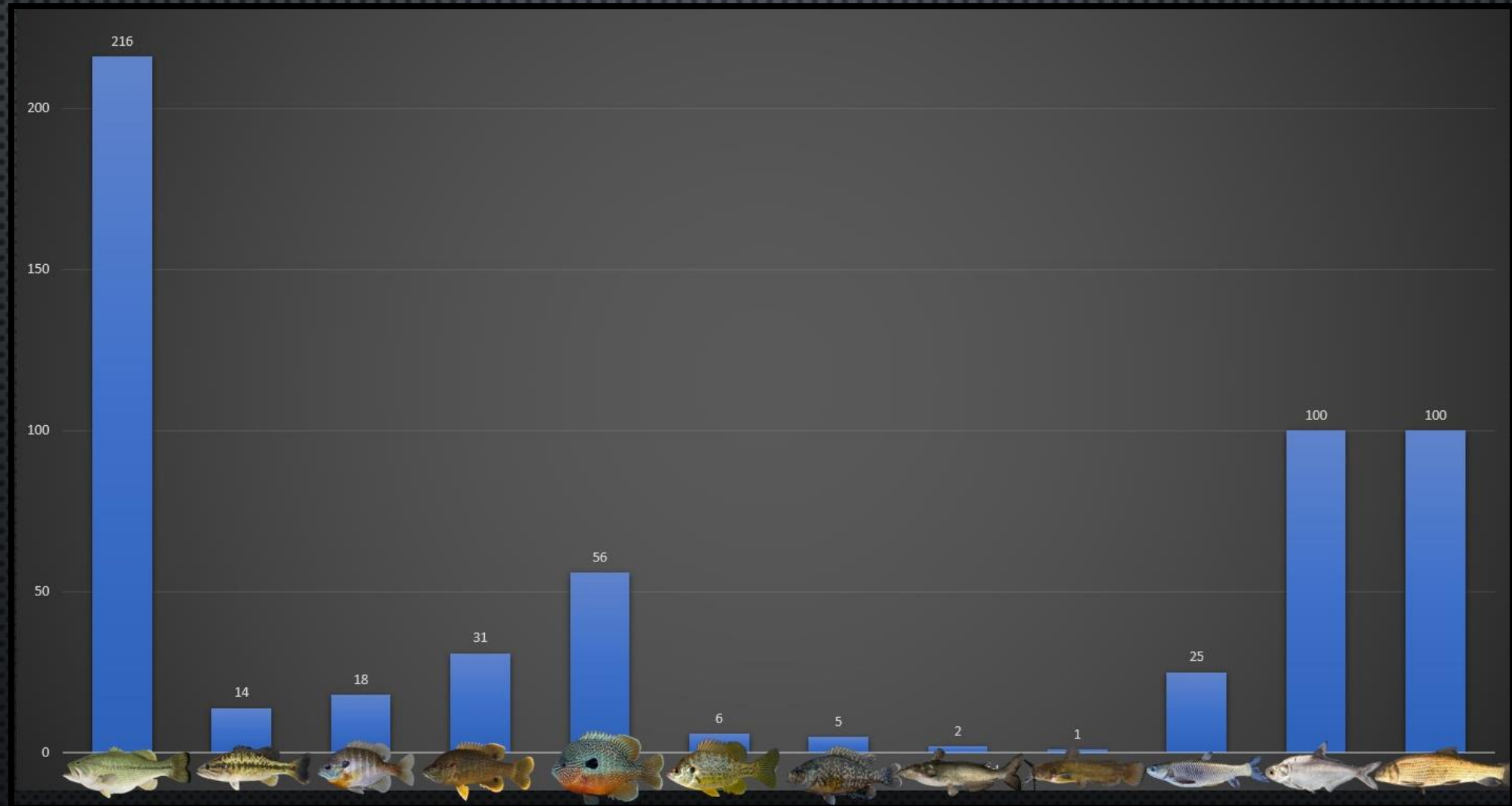
LAKE CORONADO

- 390 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 5' 4"
- WATER TEMP: 67.2°



LAKE CORONADO

ALL SPECIES SAMPLED



LAKE CORONADO

LARGEMOUTH BASS



Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	14
Stock (200-299 mm)	7.8 - 11.7	119
Quality (300-379 mm)	11.8 - 14.9	68
Preferred (380-509 mm)	15.0-20.0	11
Memorable (>510 mm)	> 20.0	4
Total Number of Fish		216

LAKE CORONADO

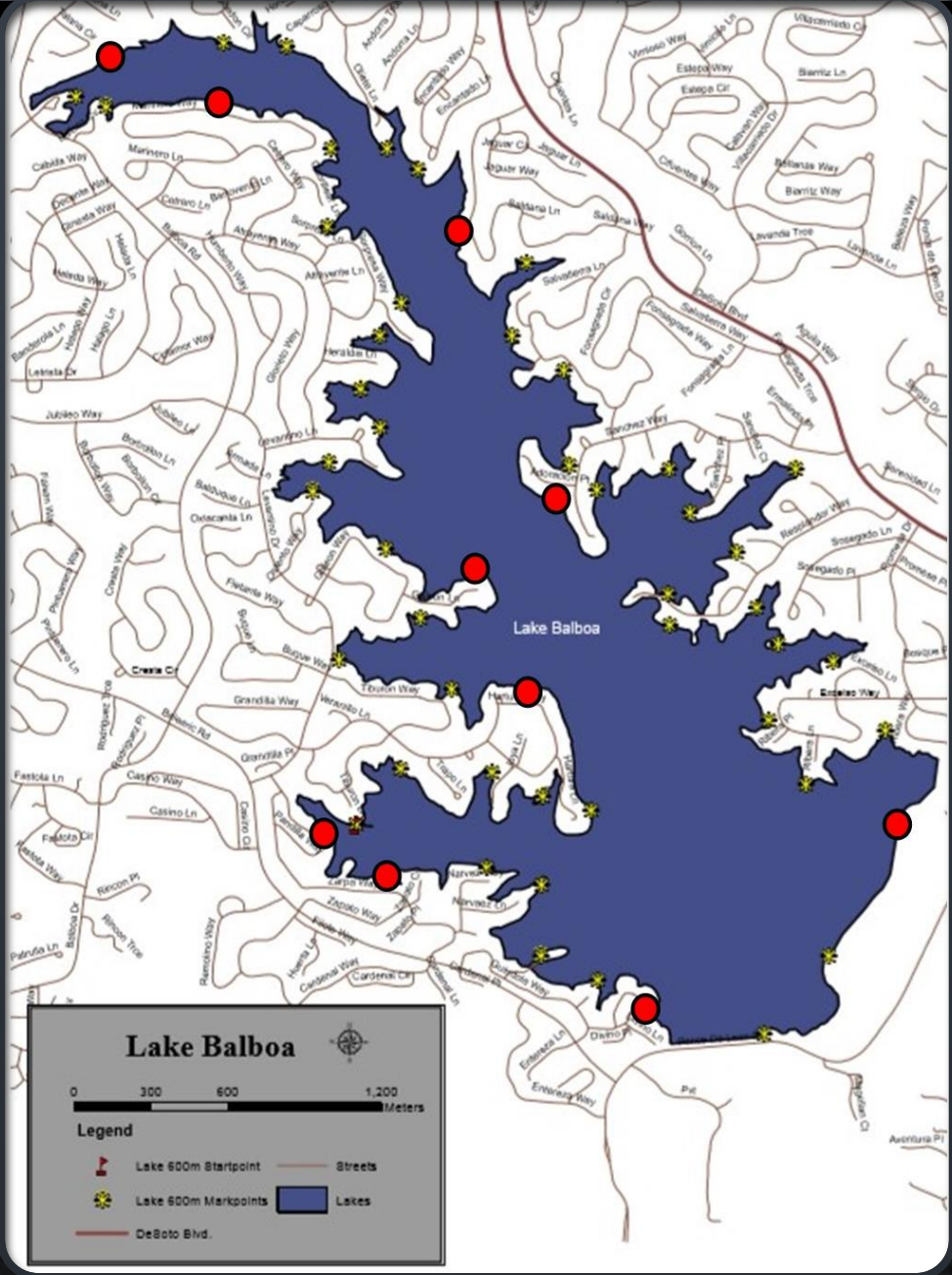


6.7 lb

6.5 lb

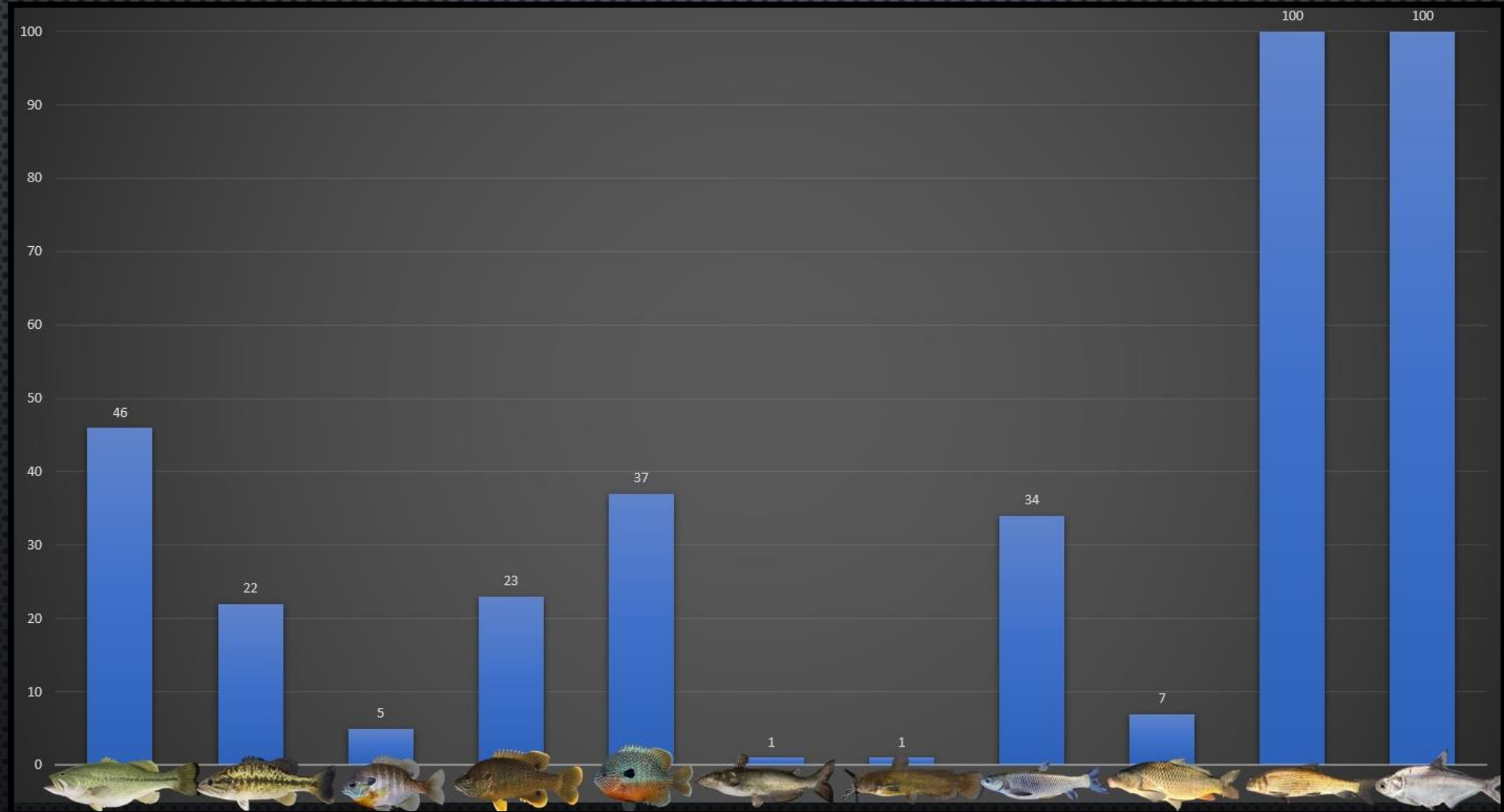
LAKE BALBOA

- 944 ACRES
- 10 RANDOMLY SELECTED SITES
- SECCHI: 8' 4"
- WATER TEMP: 65.9°



LAKE BALBOA

ALL SPECIES SAMPLED



LAKE BALBOA

LARGEMOUTH BASS



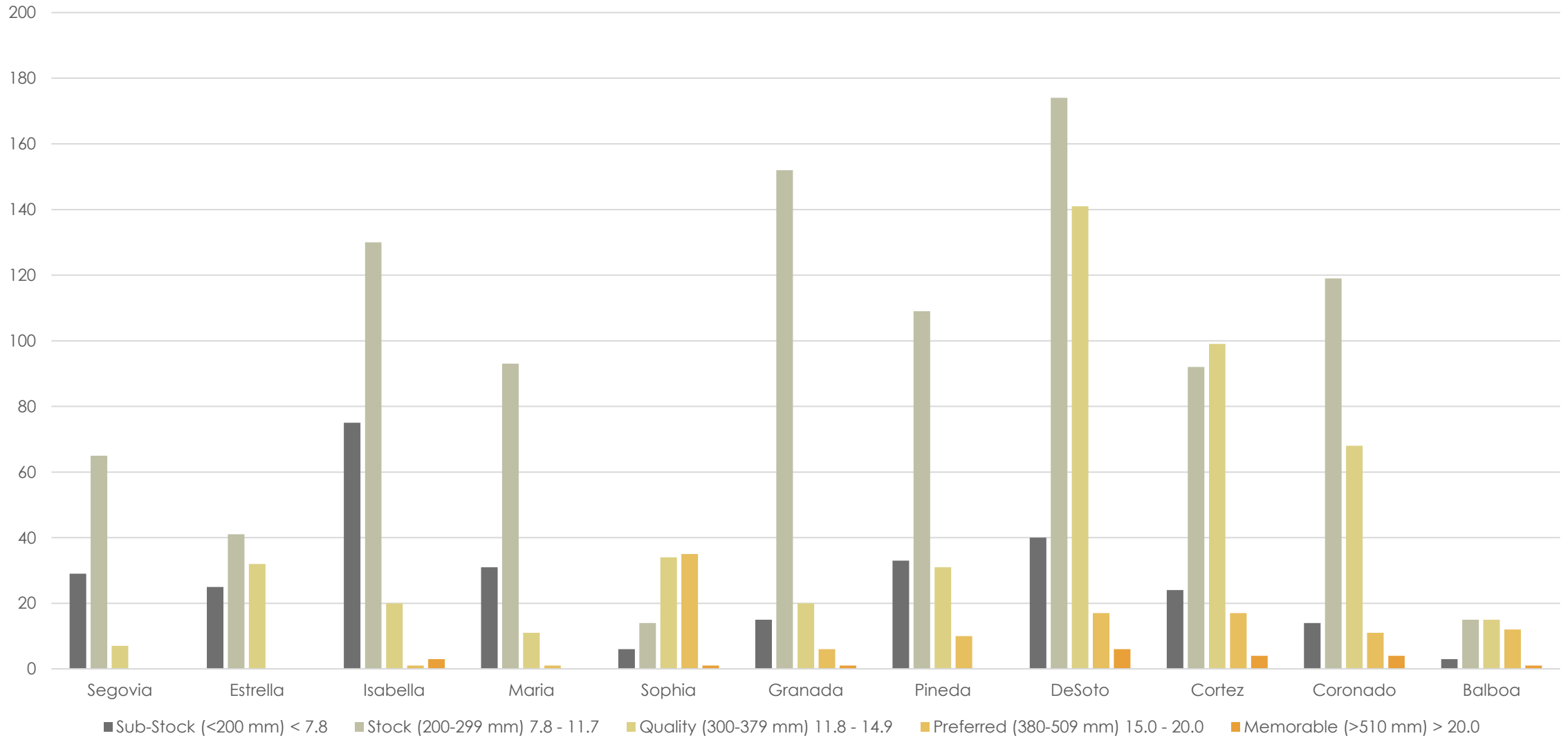
Category	TL Inches	Number of Fish
Sub-Stock (<200 mm)	< 7.8	3
Stock (200-299 mm)	7.8 - 11.7	15
Quality (300-379 mm)	11.8 - 14.9	15
Preferred (380-509 mm)	15.0-20.0	12
Memorable (>510 mm)	> 20.0	1
Total Number of Fish		46

LAKE BALBOA

LARGEMOUTH BASS



Largemouth bass



QUESTIONS?

