

Kim Nguyen

Bluegill_Lm32

Taxonomic information

Kingdom-Animalia

Class-Actinopterygii

Family-Centrarchiformes

Genus-Lepomis

Species-Lepomis macrochirus

Little mulberry park Gwinnett County GA and The Shannon index value of little mulberry H' was 1.722178515 that was found

Here a picture of blue gill *Lepomis macrochirus*



Physical Characteristics

They have blueish region on the cheek and gill cover, common length is 7.5 inches with a maximum length being 16 inches, the heaviest weight is 4 pounds and 12 ounces. They are “tall” and “flat” with a notably small mouth on a short head. Male changes their color during mating season and their vertical banding on their bodies and their cheeks vary from dark purple or blue color

Ecology of Bluegill

Habitat: They are commonly found in streams, rivers, lakes, ponds and wetlands like marsh east of the Rockies. They usually hiding in old tree stumps because it make easier for them to hide.

Reproduction: Once a male makes a nest the male waits and grunts to attract a female, once they attract a female they will swim in circles and stop and touch bellies of each other release their eggs and sperm then swim in circles again.

Species Interaction: About 20 to 50 colonies male make their nest but a school of bluegill fish contain about 10 to 20 fish only at night but during the day they try to stay hidden.

DNA sequence

LM32F22

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TCCCTNAAAGAAAGAAGACCGGTGCATGAGCCGGTAAAGTGGGTACGGCCCTAAGCCTAC
TCATTCGAGCAGAG
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ATGCATTCGTAATAA
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AACACCACTTTCTTTG
ACCCAGCGGGGGGCGGGGACCCAATCCTCTATCAGCACCTGTTCTGATTCTTCGGTCACC
CTGAAGTGTCATACTT
TTTTTTCCCGGGAA
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