Wiki Page

Species: (Red breast Sunfish_LM1) Cariss Stvil

Location: 3800 Hog Mountain Rd, Dacula, GA 30019

Taxonomy:

Kingdom: Animalia
Class: Actinopterygii
Family: Centrarchidae
Genus: Lepomis
Species: L. Auritus

Characteristics: The redbreast sunfish (*Lepomis auritus*) is a brightly colored fish with a deep, laterally compressed body, typically 4–6 inches long. Its olive to blue-green back turns to a vibrant orange or reddish on the belly, especially during breeding. A key distinguishing feature is its long, narrow black opercular flap ("ear"), often bordered with white or orange. It has a single dorsal fin with spiny and soft-ray portions, rounded pectoral fins, and a small mouth with blue-green streaks on its cheeks and gills. Subtle vertical bars and a red or orange eye further adds to its obvious appearance.

Basic Ecology: The redbreast sunfish (*Lepomis auritus*) inhabits clear, slow-moving streams, rivers, and lakes with sandy or rocky bottoms, aquatic vegetation, and sufficient cover. Flourishing in warm, well-oxygenated waters, it reproduces in late spring and summer, with males building and guarding nests in sandy or gravelly foundation. These fish are opportunistic feeders, consuming insects, crustaceans, mollusks, and small fish, helping control invertebrate populations. They also serve as prey for larger fish and birds and exhibit territorial behavior, particularly during spawning, often competing with other sunfish species for resources.

Sequence:

CCCTTTTTTTTTTTCTCCCAACAAACAAGTTATTTGGTGCATGAGCCGGAATGGTAGGC
ACAGCTTTAAGCCTACTTATTCGAGCAGAGCTCAGTCAACCAGGCGCCCTCCTCGGAGACG
ACCAGATTTACAATGTTATCGTAACAGCACATGCATTTGTAATAATTTTCTTTATAGTGATACCAATC
ATAATTGGAGGTTTCGGCAACTGACTTGTCCCCTTAATAATTGGCGCCCCTGATATGGCATTCCC
CCGAATGAACAACATAAGCTTTTGACTCCTTCCCCCCTCTTTCCTCCTTCTCCTTGCCTCCTCC
GGAGTCGAAGCCGGGGCTGGCACAGGTTGAACCGTCTATCCCCCTCTCGCCGGCAACCTCG
CCCATGCAGGAGCATCCGTTGACCTCACCATTTTTTCCCTGCATCTCGCAGGGGTCTCTTCAA
TTCTAGGGGCTATTAACTTTATTACCACAATTATCAATATGAAACCTCCTGCCATCTCCCAATACCA
GACACCACTGTTTGTATGATCAGTCCTAATTACTGCTGTTTTACTCCTACTTTCCCTCCCAGTCC
TCGCTGCAGGAATTACTATGCTTCTAACAGACCGAAATCTTAACACCACTTTCTTTGATCCGGCA
GGAGGCGGGGACCCCATCCTCTATCAACATCTGTTCTGATTCTTCGGTCACCCTGAAGTGTCA
TAGCTTGGTTTCCTGAAGGAATGA