

Redbreast_LMF3

- This individual was collected from the headwater stream in Little Mulberry Park in Gwinnett County, GA.
 - $H'=1.741358$
- Taxonomic Information:
 - Kingdom- Animalia
 - Class- Actinopterygii
 - Family- Centrarchidae
 - Genus- Lepomis
 - Species- *L. auritus*
- The Redbreast Sunfish can be distinguished from other sunfish by identifying the rounded pectoral fins, as other similar species have pointed pectoral fins. This species also has a dark in color opercular flap, which is a hard plate covering the gills of the fish.
- Redbreast Sunfish mainly feed on small insects and compete with fishes in the *Micropterus* genus for this food source. They prefer habitats with plenty of vegetation and boulders on the surrounding banks, providing protection from larger piscivorous fish. Male Redbreast Sunfish build nests and then protect the nest after the female lays eggs.



DNA Sequence:

AATAAATGTTGATATAGAATAGGATCCCCTCCTCCTGCTGGGTCAAAGAATGTAGTATTT
AAGTTACGGTCAGTGAGGAGTATAGTAATCCCGGCGGCTAGAACGGGTAATGACAGGAGT
AGAAGAACGGCAGTAACAAGCACGGCTCATACAAAGAGGGTGTGGTACTGAGAAATT
GCTGGGGGTTTCATATTAATAATTGTGGTAATAAAATTTACTGCCCCAAAATTGATGAT
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GAGGCTAATAACAATAGGAATGATGGGGGTAAAAGTCAGAAGCTTATGTTATTCATTCGT
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ATGAGAATTGGCATCACTATAAAGAAAATTATCACGAAGGCGTGAGCAGTAACAATAACA
TTATAGATTTGATCGTCACCTAGAAGTGAGCCGGGTTGACTTAGTTCAGCTCGAATAAGG
AGGCTTAAAGCGGTTCCCACTATTCCGGCCCAGGCACCAATACTAAATAAAGGGTGCCA
ATGTCTTTGTGGTTGGTTGACTGGCGCCCTTTTTTAAAAA