

Creek Chub RS27 – Allegra Joanna Mbwetshangol



Semotilus atromaculatus (Creek chub)

We collected this fish in the Rock Springs location on September 29, 2021. This creek is in Gwinnett County.

The H' Shannon values associated with that location are:

| | |
|----------|---------|
| H'RS | 1.55685 |
| var H'RS | 0.00221 |

The creek chub is native to North America.

Taxonomy information:

- Kingdom: Animalia
- Phylum: Chordata
- Class: Actinopterygii
- Order: Cypriniformes
- Family: Cyprinidae
- Subfamily: Leuciscinae
- Genus: *Semotilus*

DNA sequence: ORIGIN

```
ATAGGTGTTGGTACAGAATTGGGGTCTCCCCCTCCAGCTGGGTCAAAGAAGGTGGTATTC
AGGTTCCGGTCCGTAAGAAGTATTGTAATCCCGGCAGCTAGGACTGGTAGTGACAGGAGT
AGAAGTACTGCTGTCACAAGTACAGCCCACACGAAGAGAGGTGTCTGATATTGGGAAATA
GCTGGGGGCTTCATGTTAATAATTGTAGTAATAAAGTTAACTGCACCCAAGATTGATGAT
ACACCTGCTAGATGTAGGGAAAAAATTGTTAGGTCTACTGATGCTCCGGCGTGGGCGAGG
TTGCCTGCCAGTGGTGGGTAGACTGTTCAACCGTTCCGGCCCCGGCCTCGACACCAGAG
GAGGCTAGCAGTAGTAGGAACGATGGGGGCAGAAGTCAGAAGCTTATATTATTCATTCGG
GAAATGCTATGTCTGGCGCACCGATCATTAAATGGTACAAGTCAGTTCCCAAATCCACCA
ATAAGGATTGGTATTACTATAAAGAAAATTATTACGAAGGCGTGGGCGGTAACGATAACA
TTGTAATTTGATCATCGCCTAATAATGAGCCCGTTGGCTTAGTTCGGCCCGAATGAGA
AGGCTTAAAGCGGTCCCCACTATCCCGGCTCAGGCACCAATAACAAGATAAAGGGTGCCA
ATGCTTTGTGGTTGGTTGACTGGCCGAGAGGTTTGTACAATANNN
```

