

## WIKI PAGE

Ryan Davenport

Yellowfin Shiner DC\_8 – *Notropis lutipinnis*

Location: Headwater Stream in Duncan Creek Park, Gwinnet County, Georgia, USA

Diversity statistics:  $H' = 1.243939$

$\text{Var } H' = 0.004651$



Taxonomy: Kingdom: Animalia

Class: Teleostei

Family: Cyprinidae

Genus: Notropis

Species: Lutipinnis

Morphological ID: Long black band from the tip of mouth to end of caudal fin. Body above lateral line typically a mustard brown color. Fins yellow.

Species Ecology: The yellowfin shiners frequent cool, rocky, small streams in the southeast, and like to hide under low hanging brush and other cover. They typically feed on small terrestrial insects found in these areas. Yellowfin Shiner spawn in the spring and will see fry hatching throughout summer. They have been known to negatively interact with *Clinostomus funduloide*, known commonly as the rpy side dace, in Coweeta Creek Ga.

DNA Sequence:

NNAAATGGCTGTAGATCATGTAATAGGGATCCCCTCCTGCCTGCCTGGGTCAAAGAA  
TGTAGTATTTAAGTTACGGTCAGTGAGGAGTATAGTAATCCCGGCGGCTAGAACGG  
GTAATGACAGGAGTAGAAGAACGGCAGTAACAAGCACGGCTCATACAAAGAGGGG  
TGTTTGATACTGAGAAATTGCTGGGGGTTTCATATTAATAATTGTGGTAATAAAATT  
TACTGCCCCCAAATTGATGATACACCTGCCAGATGGAGGGAGAAGATCGTGAGAT  
CTACTGATGCCCCTGCGTGGGCAAGATTACCTGCAAGTGGGGGGTAAACAGTTCATC  
CTGTCCCAGCTCCGGCCTCGACCCAGAAAGAGGCTAATAACAATAGGAATGATGGG  
GGTAAAAGTCAGAAGCTTATGTTATTCATTCGTGGAAATGCCATGTCAGGTGCTCCA  
ATCATTAGAGGAACTAGTCAATTTCCAAACCCACCAATGAGAATTGGCATCACTATA  
AAGAAAATTATCACGAAGGCGTGAGCAGTAACAATAACATTATAGATTTGATCGTC  
ACCTAGAAGTGAGCCGGGTTGACTTAGTTCAGCTCGAATAAGGAGGCTTAAAGCGG  
TTCCCCTATTCCGGCCAGGCACCAAATACTAAATAAAGGGTGCCAATGTCTTTGT  
GGATAGGGGGACTGGCCGTCGGTGTAACAGACAA