

TABLE 2

**TARGET SPECIES BIOMASS AND CRUDE PROTEIN CONTENT  
RICHLAND CREEK 1-MILE SITE**

Target Species	Total Fish Sampled	Total Weight of Target Species	Average Weight of Target Species <sup>a</sup>	Time Spent Electrofishing <sup>b</sup>	Catch per Unit Effort <sup>c</sup>	Total Crude Protein Content <sup>d</sup>
<b>November 2002 Sampling Event</b>						
Long-Ear Sunfish	35	0.645 kg	18 g	70 minutes	0.553 kg/hr	103.2 g
White Suckers	12	1.039 kg	87 g		0.891 kg/hr	166.2 g
<b>2002 Total</b>	47	1.684 kg	36 g		1.444 kg/hr	269.4 g
<b>May 2003 Sampling Event</b>						
Long-Ear Sunfish	10	0.340 kg	34 g	70 minutes	0.291 kg/hr	54.4 g
White Suckers	16	0.944 kg	59 g		0.809 kg/hr	151.0 g
Rock Bass	3	0.349 kg	116 g		0.299 kg/hr	55.8 g
<b>2003 Total</b>	29	1.633 kg	56 g		1.399 kg/hr	261.2 g
<b>2002 and 2003 Total</b>	76	3.317 kg	44 g	140 minutes	1.422 kg/hr	530.6 g

## Notes:

hr = Hour  
g = Gram  
kg = Kilogram

- <sup>a</sup> Values cited for average weights are not comparable between years because different numbers of fish were sampled in each year. The largest specimens of long-ear sunfish and white suckers were within the same range during both years; the weight of smaller specimens ranged more widely (see Figure 1). The collection of numerous smaller specimens reduces the value reported for average weight.
- <sup>b</sup> "Time Spent Electrofishing" represents the total time spent collecting specimens, including time spent negotiating equipment around debris and solving operational problems. The time spent electrofishing can provide a rough measure of stream productivity.
- <sup>c</sup> "Catch Per Unit Effort" was about 1.4 kg/hr during both years, suggesting that the biomass available to subsistence fishermen remains relatively constant, with little interannual variability. Subsistence fishermen using a hook and line are not expected to obtain fish at this rate, although a full day of fishing might yield similar results.
- <sup>d</sup> Total Crude Protein Content (Froese and Pauly 2003) was equivalent for both sampling events, indicating that the selection of target species and the size of the specimens collected do not affect this measurement.