Table 1: Physical conditions in the lower Black River, Dexter, 9-13 May, 2005.

Date	Max Water Temp (^oF)	Discharge (cfs)	Median Discharge (cfs)
5/9	56	3570	4900
5/10	58	3190	4600
5/11	60	2800	4700
5/12	59	2580	4700
5/13	59	2610	4600

Table 2: Approximate area and type of substrate in the study area.

Substrate Class	**Area (ft^2)**	**% of Total Survey Area**
Bedrock	166,600	63
Cobble-Gravel	50,300	19
Cobble	20,200	8
Large Rock	27,000	10

Table 3: Biological data from 11 lake sturgeon captured in the lower Black River, Dexter, from 9-13 May, 2005.

Capture Date	**Sex**	**Stage**	**Total Length (in)**
5/10	M	Ripe	41.6
5/10	M	Ripe	46.5
5/10	M	Ripe	47.4
5/10	M	Ripe	46.7
5/11	F	Ripe	60.2
5/11	M	Ripe	61.8
5/11	M	Ripe	56.7
5/11	M	Ripe	45.5
5/11	M	Ripe	58.3
5/12	M	Ripe	41.9
5/12	M	Ripe	43.7

Table 4: Species, and relative abundance, of fish encountered in the study area from 9-13 May, 2005, utilizing underwater video.

Species	**Relative Abundance**
Redhorse (*Moxostoma* sp.)	Abundant
Quillback (*Carpiodes cyprinus*)	Common
Smallmouth bass (*Micropterus dolomieu*)	Common
Walleye (*Sander vitreus*)	Present
Logperch (*Percina caprodes*)	Present
Carp (*Cyprinus carpio*)	Present