

Lower Olentangy River Ecosystem Restoration Project

City of Columbus Capital Improvements Project No. 650706

Ohio State University Research Foundation (OSURF) Project 60005536

Data Section 3

Aquatic Habitat

Site 1	Dodridge Dam Long								
	Species	Species #	Sp Group	Feed guild	Polut toler	Breed Gui	IBI Group	River Size	Hab pref
1	Bluegill	7	s	l	p	c	s		p
2	logperch	4	d	i	m	s	d		b
3	Northern Hogsucker	1	r	i	m	s	r		r
4	Golden Redhorse	2	r	i	m	s	r		p
5	Gizzard Shad	1	gs	o		m			p
6	Central Stoneroller	25	m	h		n	n		b
7	Rockbass	20	b	c		c	s		p
8	Bluntnose minnow	4	m	o	t	c	n	p	b
9	Smallmouth Bass	21	b	c	m	c	f		p
10	Bluebreast darter	1	d	i	r	s	d		r
11	greenside darter	14	d	i	m	s	d		r
12	rainbow darter	19	d	i	m	s	d		r
13	banded darter	13	d	i	i	s	d		r
14	green sunfish	9	s	i	t	c	s	p	p
15	pumpkinseed sunfish	6	s	i	p	s	s		p
		Tot #	147		HN	-2.19739		HB	-1.84812
	Tot Weight MIWB 1619	Tot # for MIWB	134	MIWB Score			4.13005		
Site 2	Battel Longline					MIWB Form	.05lnN+.05lnB+HN+HB		
1	Saugeye	7	v	p			e		
2	Golden Redhorse	8	r	i	m	s	r		p
3	Bluegill	11	s	i	p	c	s		p
4	Smallmouth bass	24	b	c	m	c	f		p
5	Northern Hogsucker	14	r	i	m	s	r		r
6	River Chub	23	m	i	i	n	n		b
7	Logperch	2	d	i	m	s	d		b
8	Greenside darter	3	d	i	m	s	d		r
9	rainbow darter	1	d	i	m	s	d		r
10	banded darter	3	d	i	i	s	d		r
11	green sunfish	1	s	i	t	c	s	p	p
12	central stoneroller	4	m	h		n	n		b
13	Emerald Shiner	5	n	i		s	n		p
14	Golden shiner	2	n	i	t	m	n		p
15	white crappie	1	s			c	s		p
16	rockbass	1	b	c		c	s		p
17	Pumpkinseed sunfish	3	s	i	p	c	s		p
18	Common carp	6	g	o	t	m	e		p
		Tot #	119		HN	-2.17633		HB	-1.51486
	Tot Weight MIWB 8801	Tot # for MIWB	103	MIWB Score		3.84723			
Site 3	US Lane Ave. Longlin								
1	Bluegill	4	s	i	p	c	s		p
2	bluntnose minnow	2	m	o	t	c	n	p	b
3	golden redhorse	1	r	i	m	s	r		p
4	central stoneroller	1	m	h		n	n		b
5	Bluegill X Pumpkinseed	10	s						
6	Rockbass	2	b	c		c	s		p
7	green sunfish	3	s	i	t	c	s		p
8	Smallmouth bass	2	b	c	m	c	f		p
9	logperch	3	d	i	m	s	d		b
10	rainbow darter	9	d	i	m	s	d		r
11	greenside darter	6	d	i	m	s	d		r
12	quillback carpsucker	1	c	o		m	c		p
		Tot #	44						
Site 4	Highbanks longline								
1	Smallmouth bass	7	b	c	m	c	f		p
2	golden redhorse	1	r	i	m	s	r		p
3	rockbass	12	b	c		c	s		p
4	northern hogsucker	6	r	i	m	s	r		r
5	pumpkinseed sunfish	2	s	i	p	c	s		p
6	Green sunfish	1	s	i	t	c	s	p	p
7	Emerald Shiner	1	n	i		s	n		p
8	central stoneroller	3	m	h		n	n		b

9	Brown bullhead	2	f	i	t	c			p
10	spotfin shiner	1	n	i		m	n		b
11	banded darter	3	d	i	i	s	d		r
12	rainbow darter	6	d	i	m	s	d		r
13	greenside darter	17	d	i	m	s	d		r
14	bluntnose minnow	7	m	o	t	c	n	p	b
15	common carp	4	g	o	t	m	e		p
		Tot #	73			HN	-2.02527	HB	-1.3747
	Tot weight MIWB 3849	Tot # for MIWB	59			MIWB Score	3.48679		
Site 5	Graceland Longline								
1	Smallmouth bass	7	b	c	m	c	f		p
2	rockbass	3	b	c		c	s		p
3	pumpkinseed sunfish	7	s	i	p	c	s		p
4	golden redhorse	2	r	i	m	s	r		p
5	bluegill	1	s	i	p	c	s		p
6	central stoneroller	37	m	h		n	n		b
7	bluntnose minnow	6	m	o	t	c	n	p	b
8	emerald shiner	3	n	i		s	n		p
9	spotfin shiner	3	n	i		m	n		b
10	johnny darter	2	d	i		c	d	p	b
11	greenside darter	10	d	i	m	s	d		r
12	banded darter	19	d	i	i	s	d		r
13	rainbow darter	20	d	i	m	s	d		r
14	northern hogsucker	20	r	i	m	s	r		r
15	sand shiner	7	n	i	m	m	n		b
		Tot #	147			HN	-2.21168	HB	-1.46213
	Tot weight MIWB 2053	Tot # for MIWB	141			MIWB Score	3.77277		
Site 6	tangy UP of Scioto con								
1	Golden Redhorse	18	r	i	m	s	r		p
2	smallmouth bass	11	b	c	m	c	f		p
3	Northern hogsucker	7	r	i	m	s	r		r
4	river chub	1	m	i	i	n	n		b
5	largemouth bass	5	b	c		c	f		p
6	Bluegill X Green sunfish	6	s						
7	Golden Shiner	13	n	i	t	m	n		p
8	Pumpkinseed sunfish	3	s	i	p	c	s		p
9	Rockbass	3	b	c		c	s		p
10	Green sunfish	3	s	i	t	c	s	p	p
11	Bluegill	7	s	i	p	c	s		p
12	Bluegill X Pumpkinseed	22	s						
13	Emerald Shiner	8	n	i		s	n		p
14	Bluntnose minnow	8	m	o	t	c	n	p	b
15	Spotfin shiner	1	n	i		m	n		b
16	Rainbow darter	1	d	i	m	s	d		r
17	logperch	1	d	i	m	s	d		b
18	Common carp	7	g	o	t	m	e		p
		Tot #	125						
Site 7	Below Battel boat								
1	Golden redhorse	10	r	i	m	s	r		p
2	smallmouth bass	11	b	c	m	c	f		p
3	channel catfish	3	f			c	f		p
4	largemouth bass	1	b	c		c	f		p
5	saugeye	3	v	p			e		
6	river chub	1	m	i	i	n	n		b
7	logperch	1	d	i	m	s	d		b
8	northern hogsucker	9	r	i	m	s	r		r
9	emerald shiner	3	n	i		s	n		p
10	rockbass	2	b	c		c	s		p
11	bluntnose minnow	1	m	o	t	c	n	p	b
12	common carp	7	g	o	t	m	e		p
		Tot #	52						

Site 8	middle Drake pool								
1	common carp	4	g	o	t	m	e		p
2	warmouth	2	s	c		c	s		p
3	logperch	4	d	i	m	s	d		b
4	bluegill	39	s	i	p	c	s		p
5	rockbass	5	b	c		c	s		p
6	largemouth bass	13	b	c		c	f		p
7	pumpkinseed	17	s	i	p	c	s		p
8	golden shiner	7	n	i	t	m	n		p
9	green sunfish X bluegill	2	s						
10	green sunfish	4	s	i	t	c	s	p	p
11	pumpkinseed X bluegill	1	s						
12	gizzard shad	2	gs	o		m			p
13	pumpkinseed X green s	2	s						
14	bluntnose minnow	3	m	o	t	c	n	p	b
15	white crappie	1	s			c	s		p
16	emerald shiner	2	n	i		s	n		p
17	white bass	1	w	p		m	f	l	p
		Tot #	109			HN	-1.60214	HB	-1.81455
	Tot weight MIWB 1788	Tot # for MIWB	91			MIWB Score	3.39521		
Site 9	100 m below dodridge da								
1	Golden redborse	3	r	i	m	s	r		p
2	gizzard shad	9	gs	o		m			p
3	flathead	1	f	p		c	f	l	b
4	largemouth bass	1	b	c		c	f		p
5	black crappie	17	s			c	s		p
6	northern hogsucker	5	r	i	m	s	r		r
7	smallmouth bass	5	b	c	m	c	f		p
8	rockbass	9	b	c		c	s		p
9	white crappie	1	s			c	s		p
10	spotted bass X LMB	2	b						
11	bluegill	16	s	i	p	c	s		p
12	pumpkinseed	3	s	i	p	c	s		p
13	green sunfish	2	s	i	t	c	s	p	p
14	bluegill X green sunfish	3	s						
15	redeer sunfish	1	s	i		c	e		p
16	common carp	18	g	o	t	m	e		p
		Tot #	96						
Site 10	Drake pool dir ab 5th da								
1	golden redborse	4	r	i	m	s	r		p
2	largemouth bass	15	b	c		c	f		p
3	channel catfish	1	f			c	f		p
4	black crappie	4	s			c	s		p
5	spotted bass	2	b	c		c	f		p
6	common carp	9	g	o	t	m	e		p
7	pumpkinseed	34	s	i	p	c	s		p
8	bluegill	56	s	i	p	c	s		p
9	redeer sunfish	4	s	i		c	e		p
10	bluntnose minnow	16	m	o	t	c	n	p	b
11	golden shiner	128	n	i	t	m	n		p
12	smallmouth bass	5	b	c	m	c	f		p
13	bluegill X green sunfish	8	s						
14	white crappie	4	s			c	s		p
15	rock bass	2	b	c		c	s		p
16	pumpkinseed X green s	4	s						
17	brown bullhead	1	f	i	t	c			
18	logperch	1	d	i	m	s	d		p
19	yellow bullhead	1	f	i	t	c			b
20	gizzard shad	33	gs	o		m			p
21	green sunfish	2	s	i	t	c	s	p	p
22	pumpkinseed X bluegill	9	s						
		Tot #	343						

IBI

Common Name	IBI Codes			IBI Grp	River Size	Brd GlD	Hab Pref
	Spc Grp	Feed Guild	TOL				
banded darter	d	i	i	d		s	r
black crappie	s			s		c	p
bluegill sunfish	s	t	p	s		c	p
bluntnose minnow	m	o	t	n	p	c	b
brindled madtom	o	i				c	b
brook silversides	o	i	m			m	p
bullhead minnow	n	o		n		c	p
central quillback carpsucker	c	o		c		m	p
channel cat	f			f		c	p
common carp	g	o	t	g		m	p
common shiner	n	i		n		s	p
creek chub	m	g	t	n	p	n	b
emerald shiner	n	i		n		s	p
fathead minnow	m	o	t	n	p	c	b
gizzard shad	gs	o				m	p
golden redbreast	r	i	m	r		s	p
golden shiner	n	i	t	n		m	p
green sunfish	s	i	t	s	p	c	p
green sunfish hybrid	s						
greenside darter	d	i	m	d		s	r
hogsucker	r	i	m	r		s	r
johnny darter	d	i		d	p	c	b
largemouth bass	b	c		f		c	p
logperch	d	i	m	d		s	b
longear sunfish	s	i	m	s		c	p
mimic shiner	n	i	i	n		m	b
orangespotted sunfish	s	i		s		c	p
pumpkinseed sunfish	s	i	p	s		c	p
rainbow darter	d	i	m	d		s	r
river chub	m	i	i	n		n	b
rockbass	b	c		s		c	p
rosyface shiner	n	i		n	l	s	p
sand shiner	n	i	m	n		m	b
silver shiner	n	i	i	n		s	p
smallmouth bass	b	c	m	f		c	p
southern redbelly dace	m	h		n	h	s	b
spotfin shiner	n	i		n		m	b
stonecat madtom	o	i	i			c	r
stoneroller minnow	m	h		n		n	b
warmouth sunfish	s	c		s		c	p
white crappie	s			s		c	p
Site	High Banks	Graceland	Olentangy	Drake	Battelle		
Total native spp	14	25	14	15	15	Total native spp	3
Darters	4	4	4	0	4	Darters	5
Sunfish Species	0	3	1	7	1	Sunfish Speices	1
Sucker Species	2	3	1	0	1	Sucker Species	3
Intolerant Species	6	11	6	1	8	Intolerant Species	5
%tol indiv	0.20	0.03	0.17	0.06	0.18	%tol indiv	5
% omni indiv	0.32	0.37	0.37	0.03	0.39	% omni indiv	3
% insect indiv	0.47	0.14	0.36	0.34	0.48	% insect indiv	3
% Top Carinvore	0.15	0.42	0.20	0.63	0.06	% Top Carnivore	5
% lith	0.35	0.44	0.44	0.05	0.42	#lith	3
% DELT	0.00	0.00	0.00	0.00	0.06	% DELT	5
Rel.-Tol.	474	2196	363	180	96	Rel.-Tol.	3
						TOTAL	44
SCORES							
Drainage Area							

Highbanks	Graceland	Olentangy	Drake	Battelle
13	1	16	0	1
0	0	1	3	0
0	7	0	26	0
11	302	7	10	1
2	4	1	0	1
0	1	0	0	1
2	0	0	0	0
0	1	0	0	0
0	0	0	1	0
0	0	0	1	1
0	25	0	1	1
0	9	0	0	0
1	13	0	0	0
0	1	1	0	0
0	12	16	3	2
1	1	0	0	0
0	0	2	0	0
0	0	0	1	0
0	3	0	0	0
23	2	1	0	2
1	3	2	0	2
6	2	0	0	0
0	0	0	1	0
0	0	6	0	4
0	1	0	0	0
0	0	0	0	0
0	0	0	6	0
0	0	0	7	2
42	30	16	0	1
0	0	0	0	1
4	5	0	1	0
42	0	34	0	10
0	202	12	0	3
0	66	0	0	0
4	1	0	1	0
0	0	0	0	0
0	47	0	0	0
0	1	0	0	0
6	1	8	0	0
0	0	0	1	0
0	0	0	5	0
158	741	123	62	33
5	3	3	3	
5	5	1	5	
3	1	5	1	
5	1	1	1	
5	5	1	5	
5	5	5	5	
5	5	1	5	
1	3	3	3	
5	5	5	5	
5	5	1	5	
5	5	5	1	
5	3	1	1	
54	46	32	40	