

Appendix C. Stream Physical Habitat Types

[This table lists all the physical habitat types in Ohio, the average length of the segments, total length of that physical habitat type, and whether the physical habitat type was sampled for fish, crayfish, or bivalves. This table is also available in Excel format ([native\Appendix C.xls](#)). Physical habitat type codes based on concatenation of codes for: Shreve link, downstream Shreve link, sinuosity, gradient, bedrock, stream temperature, glacial thickness, glacial character (see [Appendix A](#) for description of these).]

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 4 1 4 3 3 4	558	1,373	766,310	1.40	1	1	0	2
4 3 1 3 2 3 1 3	660	1,009	666,104	1.21	1	1	1	3
6 (13) 1 1 2 3 1 2	436	1,294	564,044	1.03	1	1	0	2
4 3 1 3 4 3 1 3	509	1,075	547,345	1.00	1	1	1	3
6 (13) 2 1 2 3 1 2	428	1,126	481,799	0.88	1	1	0	2
4 3 1 3 1 3 1 3	519	804	417,281	0.76	1	1	1	3
3 2 2 3 4 3 3 4	419	955	400,082	0.73	1	1	1	3
1 1 3 1 4 3 3 4	226	1,603	362,203	0.66	1	1	0	2
1 1 4 1 5 3 3 4	275	1,239	340,622	0.62	0	1	0	1
4 3 1 1 1 3 1 3	385	843	324,530	0.59	1	1	1	3
2 1 4 1 4 3 3 4	306	1,037	317,457	0.58	1	1	0	2
2 1 2 2 2 3 1 2	268	1,155	309,613	0.56	1	1	1	3
6 (13) 1 1 2 3 1 3	274	1,044	285,963	0.52	1	1	1	3
4 3 2 3 2 3 2 1	190	1,476	280,421	0.51	1	1	1	3
1 1 4 2 4 3 3 4	154	1,702	262,092	0.48	0	1	0	1
1 1 2 1 2 3 1 2	209	1,217	254,451	0.46	1	1	0	2
2 1 2 3 2 3 1 2	216	1,164	251,432	0.46	1	1	1	3
6 (13) 2 1 2 3 1 3	292	861	251,401	0.46	1	1	0	2
3 2 2 3 4 3 1 3	334	733	244,706	0.45	1	1	1	3
2 1 2 2 4 3 3 4	231	1,055	243,639	0.44	1	1	1	3
3 5 2 2 4 3 3 4	80	2,987	238,935	0.44	0	0	0	0
4 5 1 2 4 3 3 4	299	792	236,824	0.43	0	1	1	2
2 1 2 1 2 3 1 2	204	1,126	229,663	0.42	1	1	1	3
2 1 2 1 4 3 3 4	230	989	227,454	0.41	1	1	1	3
3 2 1 3 2 3 1 3	184	1,161	213,714	0.39	1	1	1	3
4 3 2 2 4 3 2 1	126	1,648	207,711	0.38	1	1	1	3
5 (12) 1 1 2 3 1 3	269	762	205,110	0.37	1	1	1	3
4 3 2 3 3 3 1 3	263	779	204,794	0.37	1	1	1	3
2 1 2 3 4 3 3 4	204	987	201,385	0.37	1	1	1	3
4 3 1 3 1 3 2 1	207	938	194,138	0.35	1	1	1	3
1 1 2 2 2 3 1 2	116	1,658	192,313	0.35	1	1	0	2
1 1 2 1 1 3 1 2	137	1,343	183,988	0.34	1	1	0	2
5 (12) 1 2 2 3 1 3	194	919	178,191	0.32	1	1	1	3
4 5 2 2 4 3 3 4	172	1,032	177,551	0.32	0	0	1	1
2 1 2 2 1 3 1 2	127	1,382	175,529	0.32	0	1	1	2

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4 3 1 2 4 3 1 3	176	976	171,722	0.31	1	1	1	3
1 1 2 1 4 3 3 4	95	1,772	168,364	0.31	0	1	0	1
4 3 1 1 2 3 1 3	266	622	165,464	0.30	1	1	1	3
4 3 1 3 3 3 2 1	115	1,422	163,535	0.30	1	1	1	3
4 3 2 3 1 3 1 3	214	754	161,345	0.29	1	1	1	3
3 2 2 3 2 3 1 2	192	826	158,582	0.29	1	1	1	3
2 1 3 1 4 3 3 4	169	919	155,230	0.28	1	1	1	3
1 1 4 3 4 3 3 4	77	1,904	146,574	0.27	0	0	0	0
2 1 2 3 1 3 1 2	111	1,300	144,332	0.26	1	1	1	3
4 5 1 2 4 3 1 3	253	559	141,394	0.26	0	1	0	1
1 2 4 1 4 3 3 4	96	1,467	140,816	0.26	1	0	0	1
1 3 4 1 4 3 3 4	113	1,242	140,377	0.26	0	1	0	1
1 1 3 1 2 3 1 2	116	1,197	138,870	0.25	1	0	0	1
4 3 2 3 4 3 2 1	103	1,313	135,231	0.25	1	1	1	3
3 2 2 3 1 3 1 3	174	772	134,243	0.24	1	1	1	3
5 (12) 1 1 2 3 1 2	136	985	133,914	0.24	1	1	1	3
2 1 2 2 3 3 1 2	136	958	130,253	0.24	1	1	1	3
3 2 2 3 3 3 1 3	184	693	127,437	0.23	1	1	1	3
2 1 3 2 4 3 3 4	128	993	127,105	0.23	1	1	1	3
1 1 4 1 3 3 3 4	114	1,114	126,956	0.23	0	1	0	1
3 2 2 3 2 3 1 3	127	993	126,166	0.23	1	1	1	3
4 5 1 2 3 3 2 1	180	688	123,830	0.23	0	0	1	1
2 1 2 2 2 3 2 2	133	917	121,980	0.22	1	1	1	3
4 3 1 3 3 3 1 3	148	783	115,820	0.21	1	1	1	3
4 3 1 3 4 3 3 4	227	506	114,951	0.21	1	1	1	3
2 1 2 2 2 3 1 3	105	1,092	114,694	0.21	1	1	0	2
2 1 2 1 4 3 1 3	149	757	112,822	0.21	1	1	0	2
2 1 2 2 2 3 2 3	130	864	112,350	0.20	1	1	1	3
2 1 4 2 4 3 3 4	114	982	111,905	0.20	1	1	0	2
3 2 1 3 1 3 1 3	178	628	111,736	0.20	1	1	1	3
4 3 1 3 1 3 2 3	101	1,102	111,278	0.20	1	1	1	3
4 3 1 1 3 3 1 1	86	1,288	110,751	0.20	1	1	1	3
1 5 4 1 4 3 3 4	322	343	110,501	0.20	0	0	0	0
5 (12) 1 2 2 3 1 2	94	1,175	110,456	0.20	1	1	1	3
2 1 4 1 2 3 1 2	135	813	109,711	0.20	1	1	1	3
3 2 2 3 3 3 2 3	134	816	109,376	0.20	1	1	1	3
2 1 2 2 4 3 1 3	129	845	109,014	0.20	1	1	0	2
2 1 2 1 1 3 1 2	89	1,215	108,105	0.20	1	1	0	2
3 2 2 2 4 3 3 4	117	924	108,104	0.20	1	1	0	2
2 1 2 1 2 2 1 2	99	1,087	107,657	0.20	1	1	1	3
4 3 1 2 1 3 1 3	129	831	107,174	0.20	1	1	1	3
2 1 2 3 3 3 2 2	71	1,500	106,477	0.19	1	1	1	3
2 1 2 3 3 2 2 2	96	1,101	105,668	0.19	1	1	1	3
4 3 1 2 1 3 2 1	83	1,257	104,350	0.19	1	1	1	3

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3 2 2 3 1 2 1 3	92	1,131	104,030	0.19	1	1	1	3
4 3 2 3 4 3 1 3	148	699	103,444	0.19	1	1	1	3
1 1 1 1 2 3 1 2	64	1,612	103,146	0.19	1	1	0	2
1 1 2 3 2 3 1 2	59	1,735	102,394	0.19	0	0	0	0
1 1 3 1 3 3 1 2	135	758	102,319	0.19	1	1	0	2
1 1 4 1 3 3 1 2	123	830	102,120	0.19	1	1	0	2
3 2 1 3 4 3 1 3	132	769	101,516	0.19	1	1	1	3
4 5 2 1 2 3 2 2	121	825	99,773	0.18	0	0	1	1
2 1 1 3 2 3 1 2	79	1,261	99,602	0.18	1	1	0	2
2 1 2 1 3 3 2 3	110	901	99,086	0.18	1	1	1	3
4 3 2 2 2 3 2 1	96	1,023	98,222	0.18	1	1	1	3
4 3 2 3 2 3 1 2	147	660	97,054	0.18	1	1	1	3
2 1 2 3 4 3 1 3	123	789	97,004	0.18	1	1	1	3
2 1 2 3 2 3 1 3	96	999	95,885	0.17	1	1	1	3
4 5 1 2 3 3 2 3	143	642	91,871	0.17	0	1	1	2
1 1 3 2 4 3 3 4	58	1,577	91,481	0.17	0	1	0	1
3 2 2 2 1 3 1 3	123	740	91,008	0.17	1	1	1	3
1 1 2 1 3 3 1 2	86	1,053	90,581	0.17	1	1	0	2
1 1 3 2 3 3 1 2	83	1,091	90,561	0.17	0	1	1	2
2 1 1 2 2 3 1 2	53	1,703	90,259	0.16	1	1	1	3
2 1 2 3 3 3 1 2	103	872	89,835	0.16	1	1	1	3
2 1 3 3 4 3 3 4	78	1,144	89,240	0.16	0	1	0	1
1 3 4 1 5 3 3 4	70	1,268	88,786	0.16	0	0	0	0
2 1 2 2 1 3 1 3	84	1,042	87,515	0.16	1	1	1	3
3 2 2 2 3 3 1 3	124	704	87,315	0.16	1	1	1	3
4 3 2 3 2 3 1 3	117	741	86,733	0.16	1	1	1	3
4 3 1 1 1 3 2 1	83	1,029	85,446	0.16	1	1	1	3
2 1 2 2 2 2 1 2	60	1,415	84,876	0.15	1	1	0	2
4 3 1 2 2 3 1 3	95	886	84,195	0.15	1	1	1	3
3 2 2 2 2 3 1 2	99	844	83,512	0.15	1	1	1	3
4 5 2 1 1 3 1 2	140	596	83,419	0.15	0	1	1	2
3 2 1 2 1 3 1 3	92	902	83,010	0.15	1	1	1	3
3 2 1 3 4 3 3 4	124	663	82,203	0.15	1	1	1	3
2 1 3 2 2 3 1 2	77	1,059	81,530	0.15	1	1	0	2
1 1 2 2 3 3 1 2	59	1,378	81,303	0.15	0	1	0	1
2 2 2 3 4 3 3 4	76	1,067	81,096	0.15	1	1	0	2
2 1 2 3 3 2 1 2	96	840	80,655	0.15	1	1	1	3
3 2 2 2 4 3 1 3	132	608	80,303	0.15	1	1	1	3
3 5 1 1 3 3 1 2	67	1,187	79,525	0.14	0	0	0	0
2 1 2 1 1 3 2 2	70	1,133	79,295	0.14	1	1	1	3
2 1 2 2 3 2 1 2	85	928	78,866	0.14	1	1	0	2
2 1 2 1 2 3 1 3	104	754	78,429	0.14	1	1	1	3
2 1 3 1 4 2 3 4	55	1,424	78,304	0.14	1	1	0	2
4 3 1 1 3 3 2 1	63	1,238	78,020	0.14	1	1	1	3

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6 (13) 2 2 2 3 1 2	53	1,464	77,579	0.14	0	1	0	1
2 1 4 1 3 3 1 2	91	844	76,792	0.14	1	1	1	3
3 2 2 2 2 3 1 3	78	978	76,289	0.14	1	1	1	3
4 5 2 2 3 3 2 3	114	668	76,204	0.14	0	1	1	2
4 5 2 2 4 3 1 3	133	571	75,936	0.14	0	1	1	2
1 1 2 3 4 3 3 4	33	2,296	75,783	0.14	0	1	0	1
1 1 3 1 4 3 1 2	79	950	75,026	0.14	0	0	0	0
1 2 3 1 4 3 3 4	41	1,822	74,712	0.14	0	1	0	1
1 1 2 2 1 3 1 2	38	1,962	74,563	0.14	1	1	0	2
2 3 4 1 4 3 3 4	90	827	74,440	0.14	1	1	0	2
4 3 2 3 3 3 2 1	80	929	74,335	0.14	1	1	1	3
2 1 1 1 2 3 1 2	52	1,412	73,409	0.13	1	1	1	3
1 1 2 1 2 3 2 2	61	1,200	73,194	0.13	1	1	0	2
3 5 2 3 4 3 3 4	50	1,442	72,098	0.13	0	0	0	0
4 5 1 1 1 3 1 2	94	767	72,068	0.13	0	0	1	1
3 2 2 3 2 2 1 3	59	1,207	71,208	0.13	1	1	1	3
2 2 2 2 2 3 1 2	72	988	71,115	0.13	1	1	0	2
4 3 2 3 3 3 2 3	102	694	70,820	0.13	1	1	1	3
4 3 2 3 4 3 3 4	97	729	70,681	0.13	1	1	1	3
1 1 4 1 2 3 1 2	75	933	69,992	0.13	1	1	0	2
3 2 2 2 2 3 2 3	76	919	69,826	0.13	1	1	1	3
1 1 4 1 4 2 3 4	61	1,142	69,685	0.13	1	1	0	2
4 5 1 2 4 3 2 1	112	620	69,393	0.13	0	0	1	1
4 3 1 3 2 3 1 2	134	516	69,185	0.13	1	1	1	3
4 3 2 2 3 3 2 1	64	1,070	68,497	0.12	1	1	1	3
6 (12) 1 1 2 3 1 2	29	2,361	68,468	0.12	0	0	0	0
2 1 4 2 2 3 1 2	61	1,121	68,355	0.12	1	1	0	2
1 1 2 1 1 3 1 3	47	1,451	68,201	0.12	0	1	0	1
2 1 2 1 3 3 1 3	75	909	68,186	0.12	1	1	1	3
4 5 1 1 3 3 2 1	105	646	67,829	0.12	0	1	0	1
3 2 2 3 5 3 3 4	112	599	67,044	0.12	1	1	1	3
4 3 1 2 3 3 1 3	104	643	66,896	0.12	1	1	1	3
2 1 2 2 3 3 2 3	83	800	66,369	0.12	1	1	0	2
1 1 2 1 2 3 1 3	47	1,399	65,753	0.12	0	1	0	1
4 5 1 3 4 3 2 1	58	1,118	64,838	0.12	0	1	1	2
2 1 2 2 3 3 2 2	64	1,011	64,721	0.12	0	1	1	2
2 2 2 2 4 3 3 4	65	977	63,482	0.12	1	1	1	3
2 2 4 1 4 3 3 4	67	947	63,422	0.12	1	1	1	3
2 2 2 1 2 3 1 2	58	1,092	63,310	0.12	1	1	1	3
4 3 1 3 4 3 1 1	60	1,052	63,130	0.12	1	1	1	3
2 1 2 1 3 2 2 3	63	1,002	63,124	0.12	1	1	0	2
1 1 2 2 3 3 2 2	39	1,614	62,948	0.11	1	1	1	3
2 5 4 1 4 3 3 4	98	636	62,363	0.11	0	0	0	0
1 6 4 1 4 3 3 4	42	1,476	61,981	0.11	1	0	0	1

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1 1 4 2 3 3 1 2	63	982	61,882	0.11	1	1	0	2
2 1 2 1 2 3 2 2	61	1,013	61,816	0.11	0	1	0	1
1 1 2 2 4 3 3 4	34	1,805	61,365	0.11	0	1	0	1
1 1 4 1 3 2 1 2	71	861	61,150	0.11	0	1	0	1
4 5 1 1 2 2 1 2	84	723	60,694	0.11	0	0	0	0
4 3 2 2 4 3 1 3	80	757	60,552	0.11	1	1	1	3
4 5 1 2 4 3 2 3	99	610	60,413	0.11	0	0	0	0
4 3 1 3 2 2 1 3	54	1,117	60,334	0.11	1	1	1	3
2 1 4 1 3 3 1 3	109	554	60,332	0.11	0	1	0	1
2 3 2 2 2 3 1 2	41	1,469	60,225	0.11	1	1	1	3
1 1 4 2 5 3 3 4	47	1,279	60,118	0.11	0	0	0	0
1 1 3 2 2 3 1 2	57	1,054	60,096	0.11	0	0	0	0
2 1 3 1 2 3 1 2	69	869	59,973	0.11	0	1	0	1
1 1 2 2 2 2 1 2	25	2,387	59,668	0.11	1	1	0	2
1 1 3 1 3 2 1 2	64	932	59,660	0.11	0	0	0	0
4 5 2 1 1 3 1 3	101	588	59,412	0.11	0	1	1	2
4 3 1 1 2 3 2 1	72	818	58,865	0.11	1	1	1	3
3 2 2 3 3 2 1 3	89	649	57,731	0.11	1	1	1	3
1 1 3 1 4 2 3 4	36	1,601	57,631	0.11	0	1	0	1
2 1 3 2 3 3 1 2	83	689	57,182	0.10	1	1	0	2
4 5 2 1 2 3 1 2	98	581	56,939	0.10	0	1	1	2
2 1 3 1 3 3 1 2	59	962	56,753	0.10	0	1	0	1
2 1 2 3 2 2 1 2	55	1,028	56,548	0.10	1	1	0	2
3 2 2 2 3 3 2 3	71	794	56,368	0.10	1	1	1	3
5 (12) 2 1 2 3 1 2	48	1,174	56,333	0.10	0	1	0	1
1 1 3 3 3 3 1 2	53	1,058	56,069	0.10	1	0	0	1
4 5 2 2 4 2 1 3	126	445	56,061	0.10	0	0	1	1
3 5 2 1 4 2 2 3	54	1,037	56,021	0.10	0	0	0	0
4 3 1 3 2 3 2 1	49	1,141	55,892	0.10	1	1	1	3
1 3 2 2 2 3 1 2	20	2,783	55,662	0.10	0	1	1	2
4 3 2 2 1 3 1 3	81	686	55,536	0.10	1	1	1	3
4 5 1 2 3 3 1 3	91	610	55,485	0.10	0	1	1	2
1 1 2 3 1 3 1 2	25	2,210	55,245	0.10	0	1	0	1
2 2 2 3 4 3 1 3	53	1,042	55,232	0.10	1	1	0	2
1 1 3 3 4 3 3 4	29	1,901	55,136	0.10	0	1	0	1
2 5 2 1 4 3 1 2	113	486	54,960	0.10	0	0	0	0
2 1 2 1 1 3 1 3	58	942	54,652	0.10	1	1	0	2
4 3 2 3 1 2 1 3	60	910	54,578	0.10	1	1	1	3
1 1 4 1 4 3 1 3	115	474	54,565	0.10	1	1	0	2
2 1 2 3 2 3 2 3	55	991	54,503	0.10	1	1	1	3
1 2 4 1 5 3 3 4	57	956	54,467	0.10	0	0	0	0
2 1 4 1 3 3 3 4	75	719	53,888	0.10	1	1	0	2
1 1 2 1 1 3 2 2	40	1,347	53,882	0.10	0	0	0	0
2 1 3 1 4 3 1 3	75	717	53,772	0.10	1	1	0	2

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1 1 2 3 3 3 2 2	24	2,224	53,371	0.10	0	1	1	2
1 1 2 1 2 2 1 2	36	1,478	53,223	0.10	0	1	0	1
2 1 2 1 3 2 1 2	66	802	52,936	0.10	1	1	1	3
2 1 3 1 3 3 1 3	82	644	52,815	0.10	1	1	1	3
2 1 4 1 5 3 3 4	72	721	51,905	0.09	1	1	0	2
4 3 1 2 1 3 1 1	58	894	51,829	0.09	1	1	1	3
2 1 2 3 1 3 1 3	62	835	51,741	0.09	1	1	0	2
2 1 2 1 3 3 1 2	82	631	51,711	0.09	1	1	0	2
3 2 1 3 2 3 2 3	52	992	51,576	0.09	1	1	1	3
4 5 1 1 2 3 2 1	70	733	51,291	0.09	1	1	1	3
4 5 2 2 3 3 3 4	72	705	50,785	0.09	0	0	1	1
4 3 1 3 1 3 1 1	51	991	50,525	0.09	1	1	1	3
2 1 2 1 2 2 2 2	51	989	50,439	0.09	1	1	1	3
4 5 2 1 2 3 2 3	127	396	50,354	0.09	0	0	1	1
1 1 3 1 4 3 1 3	70	719	50,338	0.09	0	1	0	1
1 5 4 2 4 3 3 4	127	396	50,303	0.09	0	0	0	0
1 1 3 2 3 2 1 2	41	1,220	50,021	0.09	0	0	0	0
1 1 2 3 3 3 1 2	41	1,215	49,804	0.09	1	1	1	3
4 5 1 1 1 3 1 3	86	575	49,421	0.09	0	1	1	2
3 2 2 3 2 3 2 3	61	807	49,206	0.09	1	1	1	3
4 3 2 2 2 3 1 3	69	700	48,277	0.09	1	1	1	3
2 1 2 2 3 3 1 3	67	719	48,141	0.09	0	0	1	1
1 1 2 2 2 3 1 3	43	1,118	48,072	0.09	0	1	0	1
4 3 1 3 1 2 2 3	47	1,022	48,057	0.09	1	1	1	3
2 1 2 3 1 2 1 2	28	1,714	47,988	0.09	1	1	0	2
4 3 1 2 2 3 2 1	30	1,599	47,975	0.09	1	1	1	3
2 2 2 1 4 3 3 4	47	1,018	47,827	0.09	1	1	0	2
3 2 2 1 4 3 1 3	91	522	47,486	0.09	1	1	1	3
2 2 4 3 4 3 3 4	25	1,894	47,350	0.09	1	1	0	2
4 3 1 3 1 2 1 3	43	1,101	47,345	0.09	1	1	1	3
2 1 4 3 4 3 3 4	55	860	47,327	0.09	1	0	0	1
4 5 2 2 4 2 2 3	70	672	47,074	0.09	0	0	0	0
2 1 2 1 2 3 2 3	50	938	46,881	0.09	1	1	0	2
4 3 1 1 1 3 1 2	57	818	46,620	0.08	1	1	1	3
2 1 2 2 2 2 1 3	38	1,226	46,602	0.08	1	1	0	2
2 2 2 3 2 3 1 2	45	1,035	46,584	0.08	1	1	0	2
5 (12) 1 3 2 3 1 3	70	664	46,497	0.08	1	1	1	3
1 1 3 1 3 3 2 3	70	664	46,492	0.08	0	0	1	1
2 1 1 2 2 3 1 3	24	1,923	46,159	0.08	1	1	1	3
3 5 2 2 4 2 3 4	38	1,215	46,151	0.08	0	0	0	0
1 2 2 1 2 3 1 2	35	1,311	45,891	0.08	0	1	0	1
1 5 3 1 4 3 3 4	74	617	45,673	0.08	0	0	0	0
2 1 2 3 3 3 2 3	49	931	45,640	0.08	1	1	1	3
5 (12) 2 2 2 3 1 2	43	1,054	45,313	0.08	1	1	0	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 1 2 2 3 1 3	19	2,371	45,050	0.08	1	1	1	3
2 1 2 1 4 2 1 3	48	936	44,923	0.08	1	1	0	2
3 2 2 3 3 2 2 1	47	955	44,887	0.08	1	1	1	3
1 1 2 1 3 2 1 2	40	1,122	44,880	0.08	0	1	0	1
2 1 2 3 1 3 2 3	44	1,016	44,724	0.08	1	0	0	1
4 3 1 3 5 3 3 4	68	657	44,698	0.08	1	1	1	3
2 1 4 3 2 3 1 2	37	1,204	44,548	0.08	1	1	0	2
1 1 3 1 5 3 3 4	41	1,075	44,070	0.08	1	1	0	2
4 5 2 2 4 2 3 4	93	472	43,895	0.08	0	0	0	0
4 3 1 2 3 3 2 1	42	1,045	43,873	0.08	1	1	1	3
2 1 2 3 1 3 2 2	43	1,014	43,611	0.08	0	0	1	1
4 5 2 2 3 3 1 2	53	820	43,481	0.08	0	0	0	0
2 1 2 2 1 3 2 2	43	1,006	43,264	0.08	1	1	1	3
3 3 2 3 1 3 1 3	70	616	43,127	0.08	1	1	1	3
2 1 2 3 2 3 2 2	47	917	43,121	0.08	1	1	1	3
2 5 2 1 4 3 2 1	59	729	43,029	0.08	0	0	0	0
3 5 1 2 3 3 2 3	28	1,515	42,423	0.08	0	0	0	0
2 2 2 3 1 3 1 2	26	1,628	42,336	0.08	1	1	0	2
2 1 3 2 4 2 3 4	30	1,408	42,226	0.08	1	1	0	2
4 5 1 1 2 3 1 2	88	477	41,942	0.08	0	1	1	2
6 (13) 1 1 1 3 1 2	25	1,676	41,911	0.08	0	0	0	0
3 2 2 3 3 2 2 3	69	605	41,774	0.08	1	1	0	2
2 1 2 2 4 3 1 2	61	680	41,487	0.08	1	1	1	3
2 1 4 1 4 3 1 3	71	584	41,473	0.08	1	1	0	2
3 3 2 3 4 3 1 3	50	827	41,367	0.08	1	1	1	3
3 2 2 2 3 3 2 1	49	844	41,343	0.08	1	1	1	3
2 1 3 3 3 3 1 2	53	775	41,070	0.07	1	1	0	2
2 5 2 1 4 3 2 3	84	488	40,964	0.07	0	0	0	0
4 5 2 3 4 3 3 4	45	910	40,949	0.07	0	1	1	2
2 2 2 2 4 3 1 3	51	803	40,943	0.07	1	1	1	3
1 7 4 1 4 3 3 4	69	592	40,852	0.07	0	0	0	0
5 (12) 2 1 2 3 1 3	44	928	40,837	0.07	0	0	1	1
4 3 1 1 4 3 1 3	40	1,021	40,830	0.07	1	1	1	3
2 1 2 1 4 2 3 4	34	1,200	40,786	0.07	1	1	1	3
4 5 2 3 2 3 1 2	79	516	40,741	0.07	0	0	1	1
4 3 1 3 5 3 1 1	38	1,066	40,493	0.07	1	1	1	3
4 3 1 2 3 3 1 1	43	937	40,308	0.07	1	1	1	3
1 2 4 3 4 3 3 4	28	1,436	40,196	0.07	0	0	1	1
2 1 2 3 4 2 3 4	44	909	39,986	0.07	1	1	0	2
2 1 2 3 5 3 3 4	42	951	39,938	0.07	0	0	1	1
2 1 2 2 3 2 2 3	48	827	39,696	0.07	1	1	1	3
3 3 2 3 4 3 3 4	53	746	39,537	0.07	1	1	1	3
1 1 3 1 3 3 2 2	42	941	39,526	0.07	0	0	0	0
4 5 1 1 4 3 1 3	70	563	39,426	0.07	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 1 3 2 2 1 3	46	853	39,220	0.07	1	1	1	3
1 3 4 2 4 3 3 4	40	968	38,700	0.07	0	0	0	0
2 1 2 2 3 2 2 2	35	1,099	38,473	0.07	1	1	1	3
4 3 2 2 4 3 1 1	52	738	38,393	0.07	0	0	1	1
2 1 4 2 5 3 3 4	58	659	38,230	0.07	0	1	0	1
1 1 2 1 4 3 1 2	44	868	38,173	0.07	0	0	0	0
2 2 2 2 2 3 2 3	38	1,001	38,046	0.07	1	1	0	2
1 1 2 1 4 2 3 4	20	1,899	37,982	0.07	0	0	0	0
2 1 3 2 3 2 2 2	28	1,356	37,974	0.07	1	1	1	3
2 1 4 1 3 2 1 2	52	726	37,741	0.07	1	1	0	2
1 1 3 1 3 3 1 3	50	753	37,628	0.07	0	0	0	0
4 5 2 2 4 3 2 3	76	495	37,606	0.07	0	0	1	1
1 1 2 2 3 2 1 2	27	1,393	37,600	0.07	1	1	0	2
1 1 2 1 3 3 2 3	30	1,250	37,513	0.07	0	0	0	0
1 2 2 2 2 3 1 2	21	1,773	37,240	0.07	1	1	0	2
4 3 2 3 3 2 2 1	31	1,197	37,111	0.07	1	1	1	3
1 1 4 1 4 3 1 2	57	650	37,039	0.07	0	0	0	0
1 1 2 1 3 3 2 2	33	1,119	36,918	0.07	0	0	0	0
1 1 3 1 3 2 2 2	34	1,082	36,792	0.07	0	0	0	0
3 5 2 1 3 3 2 1	38	968	36,787	0.07	0	0	0	0
2 2 2 2 2 3 2 2	34	1,080	36,719	0.07	1	1	1	3
1 1 2 2 2 3 2 2	32	1,146	36,683	0.07	0	1	0	1
2 1 1 3 2 3 1 3	27	1,352	36,495	0.07	1	1	0	2
4 5 2 1 2 3 1 3	81	447	36,228	0.07	0	1	1	2
4 5 1 3 4 3 1 3	57	633	36,076	0.07	0	1	1	2
3 2 2 2 3 3 1 2	43	832	35,771	0.07	1	1	1	3
3 2 1 3 3 3 1 3	36	993	35,746	0.07	1	1	1	3
2 2 1 1 2 3 1 2	21	1,696	35,623	0.06	1	0	0	1
4 5 1 3 3 3 2 1	46	771	35,486	0.06	0	0	0	0
2 2 2 1 4 3 1 3	38	933	35,447	0.06	1	1	0	2
1 1 2 1 4 3 1 3	34	1,043	35,445	0.06	1	1	0	2
1 1 4 1 3 3 2 3	100	354	35,382	0.06	0	0	0	0
2 1 2 2 4 2 3 4	35	1,010	35,342	0.06	1	1	0	2
1 1 3 1 1 3 1 2	35	1,009	35,332	0.06	0	0	0	0
5 (12) 2 2 2 3 1 3	70	504	35,261	0.06	0	0	0	0
2 1 3 2 1 3 1 2	46	766	35,243	0.06	1	1	0	2
2 1 4 1 4 2 3 4	31	1,123	34,822	0.06	1	1	0	2
4 3 2 2 1 3 2 3	26	1,327	34,491	0.06	1	1	1	3
3 2 1 2 2 3 1 3	43	798	34,302	0.06	1	1	0	2
2 1 2 1 2 2 1 3	39	878	34,245	0.06	1	1	0	2
1 3 4 2 2 3 1 2	28	1,223	34,240	0.06	0	1	0	1
2 1 2 3 3 3 1 3	50	684	34,214	0.06	1	1	0	2
4 5 2 1 2 2 2 1	28	1,219	34,141	0.06	0	1	0	1
2 1 1 1 1 3 1 2	22	1,550	34,097	0.06	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 1 1 2 3 1 3	29	1,173	34,028	0.06	0	0	0	0
2 1 2 1 3 3 2 2	36	945	34,012	0.06	0	1	1	2
2 3 2 2 1 3 1 3	32	1,063	34,004	0.06	1	1	0	2
4 3 2 2 3 3 1 3	51	666	33,957	0.06	1	1	1	3
3 5 2 2 4 1 3 4	9	3,763	33,863	0.06	0	0	0	0
3 2 2 1 3 3 2 3	51	664	33,862	0.06	1	1	1	3
3 2 2 3 1 3 2 3	52	650	33,790	0.06	1	1	1	3
1 1 4 1 3 3 1 3	73	462	33,696	0.06	0	0	0	0
4 3 1 2 4 3 1 1	33	1,021	33,694	0.06	1	1	1	3
3 2 2 2 3 2 2 3	52	645	33,559	0.06	1	1	1	3
1 6 4 2 4 3 3 4	17	1,971	33,510	0.06	0	0	0	0
2 1 4 2 3 3 3 4	33	1,014	33,455	0.06	0	1	0	1
3 2 2 2 3 2 2 1	34	983	33,437	0.06	1	1	1	3
3 2 1 3 3 3 2 3	32	1,039	33,248	0.06	1	1	1	3
2 1 2 3 4 2 1 3	36	922	33,181	0.06	1	1	0	2
2 2 4 1 2 3 1 2	45	737	33,159	0.06	1	1	1	3
2 2 2 2 2 3 1 3	36	919	33,068	0.06	1	1	1	3
4 3 2 1 2 2 2 1	23	1,437	33,053	0.06	1	1	1	3
2 1 1 1 2 3 1 3	25	1,311	32,770	0.06	1	1	0	2
3 5 2 1 4 3 2 3	40	819	32,770	0.06	0	0	0	0
1 1 2 1 2 3 2 3	25	1,310	32,751	0.06	1	0	0	1
3 2 1 3 1 2 1 3	35	934	32,705	0.06	1	1	1	3
3 5 2 1 3 3 1 3	86	380	32,703	0.06	0	0	0	0
2 1 2 3 3 2 2 3	28	1,168	32,695	0.06	1	1	1	3
1 2 4 1 3 3 3 4	29	1,127	32,692	0.06	1	0	0	1
1 3 4 1 2 3 1 2	30	1,089	32,677	0.06	0	0	0	0
6 (13) 2 1 2 3 1 1	35	933	32,661	0.06	0	0	0	0
3 2 1 2 2 3 1 2	46	710	32,645	0.06	1	1	1	3
1 3 2 1 1 3 1 3	26	1,255	32,625	0.06	0	1	0	1
6 (13) 2 1 1 3 1 3	31	1,049	32,527	0.06	0	0	1	1
3 2 2 1 2 3 1 3	39	833	32,468	0.06	1	1	1	3
2 2 3 1 4 3 3 4	40	810	32,410	0.06	1	1	0	2
2 2 3 2 4 3 3 4	32	1,010	32,306	0.06	1	1	1	3
6 (13) 1 1 1 3 1 3	36	890	32,040	0.06	0	0	1	1
3 2 2 3 4 2 1 3	46	693	31,885	0.06	1	1	1	3
3 2 2 1 2 1 2 1	20	1,577	31,541	0.06	1	1	1	3
2 2 2 2 3 3 1 2	29	1,086	31,498	0.06	1	1	1	3
3 5 2 1 4 3 3 4	30	1,048	31,435	0.06	0	0	0	0
6 (13) 1 3 2 3 1 2	22	1,413	31,080	0.06	0	0	0	0
2 1 3 1 5 3 3 4	34	913	31,033	0.06	1	1	0	2
4 5 1 2 3 3 3 4	58	533	30,928	0.06	0	1	0	1
2 5 2 1 4 3 3 4	49	630	30,859	0.06	0	0	1	1
2 3 2 1 2 3 1 2	26	1,181	30,706	0.06	1	1	1	3
4 5 2 1 4 3 2 1	38	806	30,640	0.06	0	1	1	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 3 1 3 3 3 2 3	51	600	30,605	0.06	1	1	1	3
2 1 2 2 1 2 1 2	22	1,388	30,531	0.06	1	1	0	2
2 3 4 1 2 3 1 2	48	636	30,510	0.06	1	1	0	2
3 2 2 3 4 2 3 4	29	1,046	30,332	0.06	1	1	0	2
3 2 2 3 1 3 1 2	51	592	30,190	0.06	1	1	1	3
2 1 3 3 5 3 3 4	44	685	30,154	0.05	1	1	1	3
4 5 1 3 4 3 2 3	31	972	30,123	0.05	0	1	0	1
3 2 2 1 3 3 1 3	43	697	29,985	0.05	1	1	0	2
2 1 4 2 3 2 1 2	50	595	29,725	0.05	1	1	1	3
1 1 2 2 4 3 1 2	24	1,236	29,667	0.05	0	0	1	1
1 3 4 1 1 3 1 2	35	847	29,636	0.05	1	1	1	3
3 2 2 2 1 3 1 2	41	717	29,397	0.05	1	1	0	2
1 1 2 1 1 2 1 2	22	1,336	29,396	0.05	0	1	0	1
3 5 1 3 2 3 1 2	39	750	29,262	0.05	0	0	0	0
2 1 2 2 4 3 2 3	33	885	29,212	0.05	1	1	0	2
3 2 2 1 2 3 2 3	26	1,118	29,077	0.05	1	1	1	3
4 3 4 2 4 3 1 1	26	1,117	29,038	0.05	1	0	0	1
2 1 3 1 3 3 2 3	47	617	29,014	0.05	1	0	0	1
2 1 3 1 3 2 2 3	36	805	28,964	0.05	1	1	0	2
3 5 1 2 4 3 2 3	28	1,033	28,924	0.05	0	0	0	0
6 (12) 1 1 1 3 1 2	11	2,623	28,852	0.05	0	0	0	0
2 5 2 2 4 3 1 3	45	641	28,835	0.05	0	0	1	1
3 5 1 1 1 3 1 3	75	383	28,755	0.05	0	0	0	0
6 (12) 2 1 2 3 1 2	13	2,195	28,538	0.05	0	0	0	0
4 3 2 3 5 3 3 4	40	713	28,527	0.05	1	1	1	3
2 1 3 2 3 3 1 3	36	792	28,507	0.05	1	1	0	2
2 2 1 2 2 3 1 2	19	1,500	28,501	0.05	1	1	1	3
4 3 1 3 2 3 2 3	53	537	28,483	0.05	1	1	1	3
4 5 1 1 4 2 1 3	67	423	28,364	0.05	0	0	0	0
4 3 1 1 1 3 2 3	53	535	28,354	0.05	1	1	1	3
6 (13) 2 1 1 3 1 2	19	1,485	28,222	0.05	0	0	0	0
2 1 2 2 1 3 2 3	36	782	28,152	0.05	1	1	1	3
1 1 4 3 5 3 3 4	20	1,407	28,131	0.05	0	0	0	0
1 1 2 1 3 2 2 2	25	1,123	28,087	0.05	1	1	0	2
1 1 1 2 2 3 1 2	15	1,861	27,921	0.05	0	0	1	1
2 2 2 1 3 3 2 3	43	648	27,851	0.05	1	1	0	2
2 1 2 1 2 2 2 3	29	955	27,691	0.05	1	1	1	3
1 1 2 1 1 3 1 1	24	1,153	27,666	0.05	0	0	0	0
2 5 2 2 4 3 3 4	57	484	27,610	0.05	0	0	0	0
2 5 2 1 4 3 1 3	59	468	27,597	0.05	0	0	0	0
1 1 4 1 5 2 3 4	25	1,099	27,480	0.05	1	0	0	1
2 1 3 3 2 3 1 2	24	1,145	27,479	0.05	0	0	0	0
1 1 3 2 3 2 2 2	18	1,524	27,436	0.05	0	0	0	0
3 5 1 2 4 3 1 3	34	804	27,352	0.05	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 2 2 3 3 2 3	30	904	27,108	0.05	1	1	0	2
3 2 1 1 3 3 2 3	41	661	27,103	0.05	1	1	1	3
2 1 2 3 4 3 1 2	36	752	27,060	0.05	1	0	0	1
2 1 3 2 3 2 1 2	36	752	27,059	0.05	0	1	0	1
1 1 2 1 3 2 2 3	16	1,688	27,009	0.05	0	0	0	0
4 5 1 1 4 3 3 4	20	1,350	27,008	0.05	0	0	0	0
2 1 4 1 2 3 1 3	43	622	26,748	0.05	1	1	1	3
4 5 2 1 2 3 2 1	45	593	26,697	0.05	0	0	0	0
1 5 1 1 2 3 2 2	34	784	26,640	0.05	0	0	0	0
1 1 4 2 2 3 1 2	17	1,565	26,612	0.05	1	1	0	2
3 2 1 3 5 3 3 4	25	1,064	26,608	0.05	1	1	1	3
1 3 4 3 4 3 3 4	23	1,157	26,607	0.05	0	0	0	0
1 6 3 1 4 3 3 4	14	1,899	26,581	0.05	0	0	0	0
4 3 2 3 1 3 1 2	67	396	26,564	0.05	1	1	1	3
1 1 2 3 3 2 1 2	19	1,394	26,492	0.05	1	1	1	3
2 1 2 1 4 3 1 2	41	643	26,373	0.05	0	1	0	1
1 1 2 2 1 2 1 2	13	2,028	26,366	0.05	1	1	0	2
4 5 2 3 2 3 1 3	71	371	26,340	0.05	0	0	1	1
2 1 2 1 1 2 1 2	31	847	26,267	0.05	1	1	1	3
3 2 2 1 4 3 3 4	55	477	26,251	0.05	1	1	0	2
1 5 3 1 3 3 1 2	85	308	26,175	0.05	0	0	0	0
1 7 4 1 2 3 1 2	30	872	26,171	0.05	0	1	0	1
4 3 1 2 3 3 2 3	26	1,004	26,095	0.05	1	1	1	3
5 (12) 2 3 2 3 1 2	12	2,169	26,024	0.05	1	1	1	3
3 2 2 2 2 2 1 3	30	867	26,017	0.05	1	1	1	3
2 5 2 1 3 3 1 3	47	553	25,997	0.05	0	0	0	0
2 3 2 2 2 3 1 3	43	604	25,979	0.05	1	1	1	3
2 1 2 1 2 1 2 1	19	1,366	25,959	0.05	1	1	0	2
1 5 1 1 2 3 1 2	29	893	25,900	0.05	0	0	0	0
4 3 1 3 3 3 1 1	22	1,176	25,866	0.05	1	1	1	3
1 1 4 1 3 3 2 2	25	1,031	25,787	0.05	1	0	0	1
4 3 2 2 1 3 2 1	17	1,511	25,690	0.05	1	1	1	3
3 2 1 3 2 3 1 2	61	419	25,584	0.05	1	1	1	3
2 1 1 2 2 3 2 3	21	1,216	25,539	0.05	1	1	0	2
2 3 4 2 4 3 3 4	42	607	25,490	0.05	0	1	0	1
2 2 2 1 2 3 1 3	32	795	25,433	0.05	0	1	1	2
4 3 2 3 1 3 2 3	39	651	25,404	0.05	1	1	1	3
1 1 4 3 3 3 1 2	28	907	25,400	0.05	0	0	0	0
3 2 2 3 2 3 2 1	33	768	25,347	0.05	1	1	1	3
4 3 1 1 3 3 1 3	53	478	25,324	0.05	1	1	0	2
4 3 1 3 4 2 1 3	23	1,100	25,305	0.05	1	1	1	3
1 1 3 1 4 2 1 2	25	1,011	25,281	0.05	1	1	0	2
1 1 2 3 5 3 3 4	12	2,089	25,068	0.05	0	0	1	1
2 1 2 2 1 2 2 2	18	1,387	24,970	0.05	1	1	1	3

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 5 1 1 2 3 2 2	49	509	24,963	0.05	0	1	0	1
1 3 2 1 2 3 2 2	12	2,078	24,932	0.05	1	0	0	1
2 1 1 2 1 3 1 2	18	1,383	24,902	0.05	0	0	1	1
4 3 2 3 2 3 1 1	24	1,038	24,900	0.05	1	1	1	3
4 5 1 1 2 3 2 3	53	468	24,802	0.05	0	1	1	2
4 3 2 3 4 2 3 4	18	1,369	24,644	0.04	0	0	0	0
4 5 2 1 4 3 3 4	13	1,894	24,622	0.04	0	0	0	0
2 2 2 2 1 3 1 2	20	1,231	24,611	0.04	1	1	1	3
4 3 2 1 4 3 2 1	31	791	24,507	0.04	1	1	1	3
2 1 4 2 3 3 1 2	28	875	24,496	0.04	0	0	0	0
4 5 1 1 4 3 2 3	45	543	24,437	0.04	0	1	1	2
1 3 2 2 3 3 1 2	21	1,158	24,314	0.04	0	0	0	0
3 5 1 3 2 3 2 2	26	934	24,294	0.04	0	0	0	0
1 1 2 2 4 2 3 4	12	2,024	24,284	0.04	0	0	0	0
2 1 4 1 1 3 1 2	30	809	24,266	0.04	1	1	0	2
4 5 1 1 2 2 2 2	32	758	24,255	0.04	0	0	0	0
1 2 2 1 4 3 3 4	15	1,612	24,174	0.04	0	1	0	1
1 2 2 1 2 3 2 2	12	1,997	23,963	0.04	0	0	0	0
4 9 1 3 1 3 2 1	4	5,965	23,859	0.04	1	1	0	2
1 3 3 1 4 3 3 4	21	1,133	23,800	0.04	1	0	0	1
2 2 3 2 3 3 1 2	26	915	23,794	0.04	1	1	0	2
1 1 4 2 3 2 1 2	25	950	23,753	0.04	0	0	0	0
2 1 2 2 5 3 3 4	22	1,079	23,749	0.04	0	1	0	1
3 2 2 3 3 3 1 2	62	381	23,606	0.04	1	1	1	3
4 3 2 2 4 3 3 4	56	420	23,528	0.04	1	1	1	3
2 2 2 1 2 3 2 3	26	903	23,471	0.04	1	1	1	3
1 1 3 2 5 3 3 4	15	1,564	23,454	0.04	0	0	0	0
1 1 2 1 2 2 2 2	15	1,561	23,421	0.04	1	1	0	2
2 2 2 2 1 3 1 3	32	731	23,404	0.04	1	1	0	2
2 2 2 3 3 3 2 3	23	1,013	23,292	0.04	1	1	0	2
1 1 3 3 3 3 2 3	21	1,107	23,256	0.04	0	1	0	1
1 1 2 1 2 2 1 3	15	1,550	23,255	0.04	1	1	0	2
3 3 2 3 3 3 1 3	29	802	23,245	0.04	1	1	1	3
2 1 2 3 2 2 2 3	22	1,052	23,154	0.04	1	1	0	2
4 5 1 1 2 3 1 3	50	463	23,149	0.04	0	1	1	2
2 5 2 1 3 3 2 3	46	503	23,130	0.04	0	1	0	1
2 3 3 1 4 3 3 4	28	824	23,075	0.04	0	0	0	0
2 1 2 1 4 3 2 3	34	676	22,980	0.04	1	1	0	2
1 2 4 1 3 3 1 2	28	820	22,968	0.04	0	0	0	0
2 1 2 2 4 2 2 3	24	953	22,878	0.04	1	1	1	3
2 2 4 1 3 3 1 2	26	876	22,783	0.04	0	1	0	1
1 1 1 2 3 3 2 1	32	712	22,778	0.04	1	0	0	1
2 1 2 2 4 3 2 2	25	911	22,774	0.04	0	1	0	1
2 1 3 1 3 2 1 3	24	946	22,710	0.04	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 2 4 2 4 3 3 4	20	1,135	22,710	0.04	0	0	0	0
4 5 2 3 1 3 1 2	7	3,243	22,699	0.04	0	0	0	0
2 1 3 2 4 3 1 3	43	528	22,692	0.04	1	1	0	2
5 9 1 1 2 3 1 3	42	540	22,686	0.04	0	1	1	2
1 1 2 1 3 3 1 3	23	983	22,605	0.04	0	0	0	0
1 3 3 1 2 3 1 2	15	1,503	22,551	0.04	0	0	0	0
3 2 1 1 2 3 1 3	22	1,022	22,473	0.04	1	1	1	3
2 1 1 3 1 3 1 3	43	522	22,446	0.04	1	1	0	2
2 2 4 2 4 3 3 4	20	1,121	22,411	0.04	1	1	0	2
3 3 1 3 2 3 1 3	17	1,307	22,212	0.04	1	1	1	3
4 3 2 3 3 2 2 3	22	1,008	22,171	0.04	1	1	1	3
4 5 1 2 3 3 1 2	60	367	22,032	0.04	0	0	0	0
4 3 2 3 5 3 1 3	42	523	21,976	0.04	1	1	0	2
3 2 2 3 3 3 2 2	40	547	21,894	0.04	1	1	1	3
1 1 3 2 4 3 1 2	25	875	21,877	0.04	0	0	0	0
2 1 3 2 2 3 1 3	34	643	21,869	0.04	1	1	0	2
2 3 2 2 1 3 1 2	10	2,184	21,841	0.04	1	1	0	2
2 1 1 3 2 3 2 3	14	1,559	21,825	0.04	1	1	0	2
2 1 2 2 2 2 2 2	24	907	21,776	0.04	1	1	1	3
3 2 2 1 3 3 2 1	26	835	21,716	0.04	1	1	0	2
1 1 2 3 3 2 2 2	10	2,171	21,710	0.04	0	0	0	0
2 1 2 3 4 3 2 3	26	835	21,704	0.04	1	1	0	2
1 2 2 3 4 3 3 4	13	1,668	21,683	0.04	0	0	0	0
1 1 3 1 3 2 2 3	28	774	21,675	0.04	1	1	0	2
2 1 3 2 3 3 2 3	35	619	21,667	0.04	1	1	0	2
3 2 2 2 2 3 2 1	26	833	21,651	0.04	1	1	0	2
3 2 1 1 2 3 2 3	21	1,028	21,590	0.04	1	0	0	1
4 3 2 1 2 3 2 1	30	719	21,574	0.04	1	1	1	3
2 2 2 1 2 2 2 1	9	2,391	21,523	0.04	1	1	1	3
2 2 1 3 2 3 1 2	17	1,265	21,507	0.04	0	0	0	0
1 1 3 2 3 3 2 3	23	931	21,407	0.04	0	0	0	0
1 1 4 2 4 3 1 3	34	629	21,390	0.04	0	0	1	1
1 3 2 1 2 3 1 2	13	1,640	21,326	0.04	0	0	0	0
2 2 2 3 2 3 1 3	21	1,015	21,321	0.04	1	0	1	2
3 2 2 3 1 3 2 2	30	709	21,282	0.04	1	1	0	2
1 1 3 3 4 3 1 2	18	1,180	21,244	0.04	0	0	0	0
4 3 2 2 2 3 1 2	29	732	21,225	0.04	1	1	1	3
1 2 3 1 4 3 1 3	21	1,006	21,116	0.04	0	1	0	1
2 1 4 1 3 3 2 3	37	568	21,022	0.04	0	0	0	0
4 5 2 3 4 3 2 3	21	1,001	21,021	0.04	0	0	1	1
2 1 2 1 3 2 1 3	32	653	20,882	0.04	0	1	1	2
1 1 3 2 4 3 1 3	29	720	20,880	0.04	1	0	0	1
3 2 2 3 3 2 1 2	59	353	20,825	0.04	1	1	1	3
4 5 1 3 4 3 3 4	29	718	20,824	0.04	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 3 1 1 1 3 3 4	26	801	20,813	0.04	1	1	1	3
4 3 2 3 3 3 1 2	81	257	20,805	0.04	1	1	1	3
3 2 1 3 2 2 1 2	36	576	20,723	0.04	0	0	1	1
1 1 4 2 3 3 2 2	20	1,035	20,704	0.04	0	0	0	0
2 1 1 2 1 3 1 3	35	591	20,672	0.04	1	1	0	2
3 5 1 1 4 2 1 2	26	795	20,664	0.04	0	0	0	0
2 1 2 1 4 2 2 3	31	664	20,593	0.04	1	1	1	3
2 5 2 3 4 3 3 4	17	1,208	20,542	0.04	0	0	0	0
1 3 3 1 1 3 1 2	17	1,199	20,389	0.04	1	1	0	2
1 1 3 1 2 3 1 3	32	637	20,369	0.04	0	0	0	0
6 (13) 2 3 2 3 1 2	13	1,564	20,332	0.04	0	0	0	0
1 3 3 1 1 3 2 2	17	1,195	20,313	0.04	0	0	0	0
2 2 2 1 2 2 1 2	22	921	20,257	0.04	1	1	1	3
3 5 1 3 4 3 3 4	2	10,099	20,197	0.04	0	0	0	0
2 3 2 3 4 3 1 3	26	775	20,142	0.04	0	1	1	2
2 3 2 2 4 3 3 4	30	671	20,131	0.04	0	0	1	1
2 3 4 1 4 3 1 3	45	447	20,122	0.04	0	1	0	1
3 5 4 2 4 3 3 4	5	4,017	20,083	0.04	0	0	0	0
1 1 3 1 2 3 2 2	27	744	20,077	0.04	0	0	0	0
2 2 2 2 2 2 1 3	19	1,055	20,046	0.04	1	1	1	3
2 5 4 1 3 3 1 2	67	298	19,961	0.04	0	0	0	0
2 1 2 1 1 3 2 3	24	832	19,958	0.04	0	1	0	1
1 5 2 1 2 3 1 2	41	486	19,927	0.04	0	0	0	0
4 5 1 1 2 2 2 1	36	553	19,920	0.04	0	0	0	0
2 1 2 1 4 2 1 2	28	709	19,862	0.04	1	1	0	2
4 5 2 3 4 3 1 3	52	382	19,857	0.04	0	1	0	1
6 (13) 1 1 2 3 1 1	28	708	19,821	0.04	0	0	0	0
1 5 2 3 3 3 1 2	26	762	19,813	0.04	0	0	0	0
2 1 2 1 2 3 2 1	20	990	19,800	0.04	1	1	0	2
3 2 2 3 4 3 2 3	43	459	19,729	0.04	1	1	0	2
1 1 4 2 4 2 3 4	15	1,315	19,721	0.04	0	0	0	0
2 2 1 3 4 3 3 4	10	1,971	19,706	0.04	1	1	0	2
1 5 3 1 4 3 1 2	73	270	19,703	0.04	0	0	0	0
3 2 2 1 3 2 2 1	12	1,639	19,673	0.04	1	1	1	3
1 1 1 2 1 3 1 2	9	2,185	19,669	0.04	0	0	1	1
4 3 2 2 5 3 1 1	44	447	19,648	0.04	1	1	0	2
1 3 2 1 3 3 1 2	14	1,400	19,603	0.04	1	1	1	3
2 1 2 1 4 2 2 1	18	1,088	19,578	0.04	1	1	0	2
2 1 2 3 2 2 2 2	26	751	19,534	0.04	1	1	0	2
2 1 3 1 2 3 1 3	23	846	19,454	0.04	0	0	0	0
2 5 2 2 3 3 2 1	16	1,215	19,432	0.04	0	0	0	0
3 2 1 1 1 3 1 3	27	720	19,429	0.04	0	1	1	2
2 1 4 1 1 3 1 3	38	511	19,410	0.04	1	1	0	2
5 (13) 1 1 2 3 1 2	15	1,288	19,316	0.04	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 3 3 2 3 1 2	21	917	19,266	0.04	1	0	1	2
1 1 1 1 1 3 1 2	11	1,749	19,243	0.04	0	0	0	0
2 1 4 1 3 3 2 2	20	960	19,204	0.04	1	1	0	2
1 6 3 1 2 3 1 2	17	1,129	19,201	0.03	1	1	0	2
1 2 2 1 2 2 1 2	8	2,389	19,113	0.03	1	1	0	2
1 3 4 2 5 3 3 4	18	1,059	19,059	0.03	0	0	0	0
2 3 4 3 4 3 3 4	26	729	18,941	0.03	1	0	0	1
4 3 2 3 4 2 1 3	19	996	18,927	0.03	1	1	1	3
2 1 2 2 2 3 2 1	22	859	18,901	0.03	1	1	1	3
3 2 2 3 1 2 2 3	29	651	18,885	0.03	1	0	1	2
5 (12) 1 3 2 3 1 2	29	651	18,883	0.03	1	1	0	2
2 2 3 3 4 3 3 4	16	1,178	18,855	0.03	0	1	0	1
2 1 4 1 1 3 3 4	30	626	18,791	0.03	1	0	0	1
4 3 1 2 4 3 3 4	48	391	18,761	0.03	1	1	1	3
3 3 2 3 2 3 1 3	23	813	18,694	0.03	1	1	1	3
3 5 2 1 4 3 2 1	37	505	18,694	0.03	0	0	0	0
1 1 3 2 3 3 2 2	22	849	18,675	0.03	0	0	0	0
1 2 2 3 3 3 1 2	20	934	18,670	0.03	0	0	0	0
1 7 3 1 4 3 3 4	15	1,239	18,588	0.03	0	0	0	0
2 1 1 3 2 2 2 3	14	1,327	18,573	0.03	1	1	1	3
2 5 2 1 3 3 1 2	51	363	18,511	0.03	0	1	1	2
2 1 1 3 2 2 1 2	12	1,534	18,408	0.03	1	1	1	3
3 2 2 1 3 3 1 2	24	765	18,362	0.03	1	0	1	2
4 3 3 3 4 3 1 3	14	1,310	18,342	0.03	1	1	1	3
2 2 2 2 3 3 1 3	33	555	18,312	0.03	1	1	0	2
2 1 2 2 4 2 1 3	32	572	18,311	0.03	0	0	0	0
3 2 2 3 4 2 1 2	28	654	18,310	0.03	1	1	1	3
1 1 2 3 2 3 2 2	12	1,526	18,307	0.03	0	0	0	0
2 1 3 3 3 3 2 2	13	1,408	18,301	0.03	0	0	0	0
2 1 3 2 1 3 2 2	19	963	18,292	0.03	0	0	0	0
1 3 4 1 3 3 3 4	21	870	18,261	0.03	0	0	0	0
3 5 2 2 4 3 1 3	31	588	18,224	0.03	0	0	1	1
4 3 4 2 5 3 1 1	35	520	18,208	0.03	0	0	0	0
2 1 3 1 3 2 2 2	27	671	18,125	0.03	0	1	1	2
2 1 2 2 2 1 2 1	17	1,064	18,087	0.03	0	1	1	2
1 1 3 1 4 3 2 3	24	753	18,073	0.03	0	0	0	0
2 2 1 2 1 3 1 3	20	902	18,034	0.03	0	0	0	0
2 6 3 1 4 3 3 4	15	1,197	17,948	0.03	0	1	0	1
3 3 1 3 4 3 1 3	23	779	17,926	0.03	1	1	1	3
2 3 4 2 5 3 3 4	26	689	17,913	0.03	0	1	0	1
4 5 2 2 4 3 2 1	33	540	17,814	0.03	0	0	0	0
1 2 2 2 1 3 1 2	6	2,966	17,795	0.03	0	0	0	0
2 1 3 2 4 3 1 2	24	740	17,749	0.03	1	1	1	3
3 3 2 2 2 3 1 3	22	805	17,710	0.03	1	1	0	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 2 2 3 2 1 2	21	841	17,668	0.03	1	1	1	3
2 1 2 3 2 2 1 3	29	608	17,640	0.03	1	1	1	3
4 5 1 3 3 3 2 3	23	766	17,615	0.03	0	0	1	1
2 1 3 1 1 3 2 2	10	1,758	17,578	0.03	1	0	1	2
2 3 2 1 4 3 1 3	31	566	17,561	0.03	1	1	1	3
3 2 1 1 1 3 1 2	9	1,951	17,560	0.03	1	0	0	1
3 2 2 2 4 3 2 3	30	585	17,557	0.03	1	1	0	2
4 5 1 1 3 3 2 3	23	763	17,540	0.03	0	1	0	1
1 5 4 1 5 3 3 4	59	297	17,523	0.03	0	0	0	0
5 (12) 1 3 1 3 1 2	18	972	17,493	0.03	1	1	0	2
2 1 3 2 5 3 3 4	20	869	17,383	0.03	0	1	0	1
1 1 2 2 3 2 2 2	10	1,726	17,263	0.03	1	1	0	2
2 5 3 1 4 3 3 4	35	493	17,261	0.03	0	0	0	0
4 9 2 3 1 3 1 3	17	1,014	17,241	0.03	1	1	1	3
2 3 4 1 3 3 1 2	25	690	17,240	0.03	1	1	0	2
2 1 3 2 2 2 1 2	14	1,229	17,203	0.03	1	1	0	2
2 2 2 1 3 3 1 3	27	636	17,165	0.03	0	0	0	0
3 2 1 1 1 2 1 3	14	1,226	17,160	0.03	0	1	0	1
1 7 4 1 3 3 1 2	24	715	17,154	0.03	0	0	0	0
2 1 2 1 2 1 2 3	12	1,429	17,154	0.03	1	0	0	1
1 2 2 2 4 3 3 4	10	1,714	17,138	0.03	0	0	0	0
2 2 2 1 2 2 2 2	12	1,428	17,132	0.03	1	1	1	3
3 5 2 2 3 2 2 1	32	534	17,098	0.03	0	1	0	1
2 3 4 2 2 3 1 2	21	814	17,086	0.03	1	1	0	2
2 1 3 1 3 2 1 2	25	683	17,079	0.03	0	1	0	1
1 1 3 1 1 3 2 2	19	898	17,063	0.03	1	0	0	1
3 2 2 2 3 2 1 3	26	655	17,028	0.03	1	1	1	3
2 2 1 1 1 3 1 3	9	1,891	17,015	0.03	0	1	0	1
1 1 3 3 3 3 2 2	17	1,000	16,994	0.03	0	1	0	1
2 5 2 2 4 3 2 1	26	650	16,905	0.03	0	0	0	0
1 1 3 2 3 3 1 3	15	1,127	16,899	0.03	1	1	0	2
2 3 2 3 2 3 1 2	21	804	16,889	0.03	1	1	0	2
1 2 4 1 3 2 1 2	21	801	16,822	0.03	0	0	0	0
3 3 2 3 2 3 1 2	21	801	16,811	0.03	1	1	1	3
1 4 4 1 4 3 3 4	13	1,291	16,777	0.03	0	0	0	0
2 1 2 2 2 2 2 3	13	1,291	16,777	0.03	1	1	0	2
3 5 2 1 4 2 1 2	42	399	16,749	0.03	0	0	0	0
3 2 1 3 1 3 1 2	31	540	16,747	0.03	1	1	1	3
1 3 2 1 1 3 2 2	15	1,114	16,709	0.03	0	0	0	0
2 3 2 3 1 3 1 3	17	978	16,630	0.03	1	1	0	2
5 (12) 2 2 2 2 1 2	8	2,077	16,614	0.03	1	1	0	2
1 6 2 2 2 3 1 2	10	1,660	16,600	0.03	0	1	0	1
2 1 4 2 4 3 1 2	18	921	16,587	0.03	1	1	0	2
4 5 2 2 3 3 2 1	25	663	16,585	0.03	0	1	1	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 2 3 3 2 2 1	13	1,276	16,585	0.03	0	0	1	1
4 3 2 2 1 3 1 1	19	872	16,566	0.03	1	1	1	3
4 5 2 3 1 3 1 3	25	663	16,563	0.03	0	0	0	0
2 1 1 2 1 3 2 2	10	1,654	16,543	0.03	0	0	0	0
3 5 2 3 2 3 1 2	33	501	16,518	0.03	0	0	1	1
6 (13) 2 1 1 3 1 1	14	1,180	16,514	0.03	0	0	0	0
1 1 3 2 4 2 3 4	14	1,178	16,498	0.03	0	0	0	0
1 1 4 2 3 3 2 3	49	337	16,489	0.03	0	0	0	0
2 1 2 1 2 2 2 1	15	1,097	16,458	0.03	1	1	0	2
4 3 1 3 1 3 1 2	75	218	16,379	0.03	1	1	1	3
2 3 2 1 4 3 3 4	22	742	16,318	0.03	0	0	0	0
3 5 2 1 2 3 2 3	33	494	16,307	0.03	0	1	1	2
2 1 2 2 3 2 2 1	15	1,083	16,239	0.03	1	1	1	3
1 2 3 2 3 3 1 2	17	955	16,231	0.03	0	1	0	1
3 3 2 2 4 3 1 3	22	737	16,214	0.03	0	1	0	1
2 2 3 2 3 3 2 3	15	1,080	16,199	0.03	1	1	0	2
4 3 1 2 2 3 1 1	17	952	16,189	0.03	1	1	1	3
2 1 4 2 1 3 1 2	20	804	16,087	0.03	0	1	0	1
2 2 2 2 4 2 1 3	17	944	16,042	0.03	0	1	0	1
1 (12) 1 1 2 3 1 2	6	2,673	16,039	0.03	0	0	0	0
2 5 3 2 4 3 3 4	33	484	15,968	0.03	0	0	0	0
4 3 2 2 3 3 2 3	19	840	15,953	0.03	1	1	1	3
3 2 1 1 2 2 1 3	18	886	15,950	0.03	0	0	1	1
3 2 2 1 2 3 2 1	14	1,136	15,901	0.03	1	1	0	2
2 2 2 3 1 3 1 3	25	636	15,892	0.03	1	1	0	2
2 2 2 3 3 3 1 3	23	690	15,861	0.03	0	1	0	1
4 7 2 3 2 3 1 2	30	528	15,852	0.03	1	1	1	3
1 3 2 3 2 3 1 2	10	1,581	15,812	0.03	0	0	0	0
1 5 2 2 3 3 1 2	26	606	15,767	0.03	0	0	0	0
4 5 1 1 4 2 1 2	51	308	15,702	0.03	0	0	0	0
4 3 1 1 2 3 1 1	37	424	15,692	0.03	1	1	1	3
2 2 2 3 3 3 1 2	22	712	15,668	0.03	1	1	0	2
2 2 1 2 1 3 1 2	15	1,042	15,629	0.03	1	1	0	2
2 2 2 2 3 3 2 2	11	1,421	15,626	0.03	1	1	1	3
2 1 3 3 3 3 2 3	19	822	15,618	0.03	0	0	0	0
1 1 3 2 1 3 1 2	22	709	15,591	0.03	0	1	0	1
2 3 3 2 4 3 3 4	20	777	15,535	0.03	1	1	0	2
1 1 2 2 2 2 2 2	12	1,294	15,534	0.03	1	1	0	2
1 6 2 1 4 3 1 2	10	1,552	15,517	0.03	0	1	0	1
3 2 2 1 2 3 1 2	37	419	15,499	0.03	1	1	1	3
1 5 1 2 4 3 2 3	11	1,409	15,494	0.03	0	0	0	0
3 5 3 2 4 3 3 4	9	1,720	15,484	0.03	0	0	0	0
1 9 1 3 1 3 1 3	28	553	15,482	0.03	0	0	0	0
1 7 3 1 3 3 1 2	24	643	15,438	0.03	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 3 2 3 3 2 2	14	1,102	15,427	0.03	0	0	1	1
1 3 4 1 4 3 1 1	40	385	15,417	0.03	0	0	0	0
6 (13) 2 1 2 3 2 3	27	569	15,357	0.03	1	1	0	2
2 1 2 2 3 2 1 3	17	903	15,349	0.03	0	1	0	1
3 2 2 2 2 2 2 1	13	1,179	15,330	0.03	1	1	1	3
2 3 3 1 4 3 1 3	18	849	15,290	0.03	1	1	0	2
2 3 4 1 5 3 3 4	34	449	15,272	0.03	0	0	0	0
2 1 1 3 2 3 2 2	13	1,175	15,272	0.03	0	0	0	0
4 5 1 3 2 3 1 3	54	283	15,272	0.03	0	0	0	0
2 1 2 3 2 2 2 1	9	1,689	15,198	0.03	1	1	0	2
1 2 2 1 2 3 1 3	15	1,012	15,177	0.03	0	0	1	1
3 3 1 3 1 3 1 3	21	722	15,170	0.03	1	1	1	3
2 2 1 1 2 3 2 3	8	1,888	15,100	0.03	1	1	0	2
3 5 1 1 2 3 1 2	42	357	15,011	0.03	0	0	1	1
2 1 3 3 3 2 1 2	19	789	15,000	0.03	1	1	0	2
4 3 1 3 1 3 3 4	12	1,250	14,996	0.03	1	1	1	3
3 2 2 3 2 2 2 3	20	750	14,993	0.03	1	1	1	3
2 1 4 3 2 3 3 4	12	1,246	14,950	0.03	0	0	0	0
1 1 4 1 1 3 1 2	20	743	14,861	0.03	0	0	0	0
2 1 2 1 1 3 1 1	24	619	14,852	0.03	0	0	1	1
1 1 2 3 3 3 2 3	10	1,483	14,834	0.03	0	0	1	1
2 2 2 2 1 2 1 2	17	872	14,822	0.03	1	1	1	3
2 5 1 2 4 3 2 3	10	1,480	14,801	0.03	0	0	0	0
1 1 4 3 3 3 3 4	17	868	14,764	0.03	1	1	0	2
4 3 2 2 2 2 2 1	11	1,334	14,672	0.03	1	1	0	2
5 (13) 2 1 1 3 1 2	4	3,667	14,668	0.03	0	0	0	0
1 1 3 3 3 2 1 2	11	1,333	14,668	0.03	0	0	0	0
4 3 1 1 1 3 1 1	16	915	14,647	0.03	1	1	1	3
4 3 1 3 3 2 2 3	21	696	14,609	0.03	1	1	1	3
3 2 2 3 1 2 1 2	40	364	14,564	0.03	1	1	1	3
2 1 4 3 5 3 3 4	36	404	14,561	0.03	0	1	0	1
1 5 4 1 4 3 1 2	62	234	14,490	0.03	0	0	0	0
2 2 2 3 3 2 1 2	14	1,033	14,463	0.03	1	1	1	3
1 3 2 1 4 3 1 2	18	802	14,429	0.03	0	0	0	0
1 1 4 2 4 3 1 2	25	577	14,415	0.03	0	0	0	0
1 1 4 2 3 3 1 3	19	758	14,410	0.03	0	0	0	0
2 2 2 2 3 2 2 3	16	899	14,389	0.03	1	0	0	1
1 2 4 1 3 3 2 3	19	757	14,383	0.03	0	0	0	0
1 1 2 2 3 3 2 3	11	1,304	14,348	0.03	1	1	0	2
2 2 3 3 4 3 1 3	17	843	14,330	0.03	1	1	0	2
4 3 2 1 1 3 1 3	29	494	14,315	0.03	1	1	1	3
2 6 4 1 3 3 1 2	21	681	14,307	0.03	0	0	0	0
1 5 2 1 4 3 2 1	15	953	14,294	0.03	0	0	0	0
3 5 1 1 3 3 2 3	20	714	14,283	0.03	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 6 2 3 1 3 1 2	4	3,571	14,283	0.03	0	1	0	1
2 1 2 3 3 3 3 4	23	620	14,264	0.03	0	1	0	1
1 (12) 2 1 2 3 1 3	7	2,034	14,240	0.03	1	1	0	2
3 2 2 3 2 2 1 2	28	508	14,233	0.03	1	1	0	2
2 1 3 1 4 2 1 3	19	749	14,231	0.03	0	1	0	1
1 2 3 1 3 2 2 2	11	1,293	14,227	0.03	0	0	0	0
3 3 2 2 2 3 1 2	24	592	14,204	0.03	1	1	1	3
3 2 2 1 3 2 2 3	23	617	14,186	0.03	1	1	1	3
1 1 3 1 4 2 1 3	16	886	14,184	0.03	0	0	0	0
1 3 3 2 2 3 1 2	15	943	14,151	0.03	0	1	0	1
2 3 2 1 1 3 1 3	24	590	14,149	0.03	1	0	0	1
4 5 2 3 4 2 2 1	24	589	14,144	0.03	0	1	1	2
1 7 4 2 4 3 3 4	20	706	14,116	0.03	0	0	0	0
2 1 2 1 3 3 2 1	21	670	14,075	0.03	1	1	0	2
3 3 1 3 2 2 1 3	7	2,010	14,072	0.03	1	1	1	3
1 5 2 1 4 3 3 4	33	426	14,066	0.03	0	0	0	0
3 2 4 3 1 3 1 3	24	586	14,057	0.03	1	1	0	2
4 3 2 2 5 3 3 4	33	426	14,054	0.03	0	0	0	0
2 5 1 1 3 3 2 3	21	668	14,034	0.03	0	0	0	0
2 3 2 2 4 3 1 3	27	519	14,020	0.03	1	1	0	2
3 5 1 1 2 3 1 3	46	305	14,015	0.03	0	0	0	0
2 1 3 3 3 3 1 3	18	777	13,979	0.03	0	1	0	1
1 2 2 1 3 3 1 2	11	1,267	13,932	0.03	0	0	0	0
3 5 1 1 2 3 2 2	11	1,266	13,930	0.03	0	0	0	0
2 2 2 3 2 2 1 3	13	1,070	13,916	0.03	1	1	1	3
1 1 3 3 2 3 1 2	6	2,319	13,915	0.03	0	0	0	0
3 2 2 2 4 3 2 1	23	605	13,912	0.03	0	1	0	1
1 1 1 1 1 3 1 3	11	1,265	13,910	0.03	0	1	0	1
4 5 2 3 3 3 2 3	23	605	13,904	0.03	0	1	1	2
1 3 4 1 4 3 1 3	35	397	13,902	0.03	0	0	0	0
4 6 2 3 2 3 1 2	26	532	13,839	0.03	1	1	1	3
1 2 3 2 3 3 2 3	11	1,258	13,834	0.03	0	0	0	0
2 3 4 2 4 3 1 3	31	445	13,809	0.03	1	1	0	2
2 3 1 3 2 3 1 2	5	2,758	13,792	0.03	1	1	0	2
3 5 1 3 3 3 2 3	28	492	13,787	0.03	0	0	1	1
4 5 1 3 1 3 1 3	31	444	13,750	0.03	0	1	1	2
4 5 1 1 4 3 1 2	50	275	13,746	0.03	0	0	1	1
2 3 2 3 4 3 3 4	18	763	13,730	0.03	0	1	0	1
2 2 2 1 1 3 1 3	17	807	13,715	0.02	0	1	0	1
4 5 1 3 3 3 1 3	18	762	13,713	0.02	0	1	0	1
2 1 4 2 3 3 2 3	20	683	13,667	0.02	0	1	0	1
3 3 2 2 1 3 1 3	20	683	13,652	0.02	0	1	1	2
3 2 1 2 3 3 2 3	14	975	13,645	0.02	1	1	1	3
4 3 1 2 5 3 1 3	10	1,362	13,618	0.02	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 6 4 1 3 3 1 2	24	567	13,613	0.02	0	0	0	0
1 1 4 3 3 3 1 3	12	1,134	13,612	0.02	0	0	0	0
1 3 1 3 5 3 3 4	5	2,719	13,596	0.02	0	0	0	0
1 6 2 1 2 3 1 2	12	1,132	13,582	0.02	0	0	0	0
6 (13) 2 2 2 3 1 3	17	798	13,564	0.02	0	0	0	0
3 3 2 2 2 3 2 1	14	968	13,549	0.02	1	1	0	2
4 3 2 3 4 3 2 3	14	968	13,546	0.02	1	1	1	3
4 3 1 3 5 3 1 3	24	564	13,544	0.02	1	1	1	3
3 2 2 1 2 2 2 1	9	1,504	13,534	0.02	1	1	1	3
3 2 3 2 4 3 3 4	16	845	13,517	0.02	1	1	1	3
3 5 1 1 3 3 1 3	37	365	13,498	0.02	0	0	0	0
3 3 2 2 3 3 2 1	17	791	13,453	0.02	1	1	0	2
2 1 4 3 3 3 1 2	10	1,344	13,442	0.02	0	1	0	1
2 1 4 2 3 3 1 3	27	497	13,420	0.02	0	0	0	0
1 1 3 3 5 3 3 4	13	1,032	13,411	0.02	0	1	0	1
2 1 2 3 1 2 1 3	23	583	13,406	0.02	1	1	0	2
1 3 1 1 1 3 1 3	5	2,667	13,335	0.02	0	0	0	0
1 1 4 1 3 2 2 2	28	476	13,328	0.02	0	0	0	0
1 6 4 1 2 3 1 2	18	740	13,319	0.02	0	0	0	0
2 3 2 1 2 3 1 3	29	458	13,289	0.02	1	1	1	3
2 3 2 2 3 2 1 2	10	1,328	13,278	0.02	1	1	0	2
1 1 2 3 2 3 2 1	4	3,307	13,230	0.02	0	0	0	0
2 2 3 1 2 3 1 2	16	825	13,207	0.02	0	1	0	1
1 3 2 2 2 3 1 3	20	659	13,188	0.02	0	1	0	1
3 2 1 2 3 3 2 1	12	1,097	13,168	0.02	1	0	0	1
3 2 1 3 2 2 2 3	9	1,463	13,166	0.02	1	1	0	2
1 5 2 1 4 3 1 2	42	313	13,158	0.02	0	0	0	0
1 5 2 1 1 3 1 3	42	313	13,142	0.02	0	0	0	0
1 5 2 1 2 3 1 3	60	218	13,097	0.02	0	1	0	1
2 1 3 1 1 3 3 4	22	595	13,094	0.02	0	0	0	0
2 2 4 3 2 3 1 2	18	726	13,072	0.02	1	1	0	2
4 5 2 3 4 2 2 3	17	769	13,070	0.02	0	1	0	1
3 5 2 1 3 3 1 2	48	272	13,068	0.02	0	0	0	0
2 1 2 2 2 1 2 3	18	724	13,029	0.02	0	1	1	2
2 3 2 2 2 2 1 2	8	1,626	13,008	0.02	1	1	0	2
1 1 1 3 5 3 3 4	7	1,854	12,980	0.02	0	0	0	0
4 5 2 1 4 3 1 3	26	499	12,980	0.02	0	0	1	1
4 7 2 3 2 3 1 3	22	589	12,964	0.02	1	1	1	3
2 6 4 1 4 3 3 4	17	761	12,940	0.02	0	0	0	0
2 3 2 2 3 3 1 3	22	588	12,940	0.02	1	1	0	2
6 (13) 1 2 2 3 1 3	24	539	12,935	0.02	0	0	0	0
3 2 2 1 1 3 1 3	17	760	12,917	0.02	1	1	0	2
1 1 2 1 1 3 2 3	13	993	12,910	0.02	0	0	0	0
1 1 3 3 3 2 2 2	9	1,431	12,880	0.02	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 2 2 2 2 1	6	2,141	12,846	0.02	1	1	0	2
3 3 2 2 4 3 3 4	22	584	12,843	0.02	1	1	1	3
3 2 2 2 3 3 3 4	33	389	12,836	0.02	1	1	1	3
1 3 4 3 4 3 1 3	26	492	12,797	0.02	0	1	1	2
3 5 1 1 4 2 2 3	25	512	12,795	0.02	0	0	0	0
1 7 4 1 5 3 3 4	16	800	12,794	0.02	0	0	0	0
1 3 2 1 1 3 2 1	19	672	12,770	0.02	0	0	0	0
3 5 1 1 5 3 3 4	12	1,064	12,766	0.02	0	0	0	0
1 3 2 1 2 3 1 3	7	1,823	12,764	0.02	0	0	0	0
3 5 1 1 4 3 1 3	9	1,418	12,758	0.02	0	1	0	1
1 3 2 2 1 3 1 3	10	1,275	12,746	0.02	0	0	0	0
1 1 2 1 5 3 3 4	11	1,158	12,735	0.02	0	0	0	0
2 1 3 1 3 3 3 4	26	489	12,722	0.02	1	1	0	2
2 2 2 1 2 1 2 1	6	2,118	12,709	0.02	1	1	0	2
2 2 4 2 5 3 3 4	13	976	12,694	0.02	0	0	0	0
3 5 2 1 2 3 2 1	16	793	12,689	0.02	0	0	0	0
2 1 3 2 2 3 2 3	15	845	12,678	0.02	1	1	0	2
1 1 4 1 3 2 1 3	19	665	12,634	0.02	0	0	0	0
2 1 3 1 1 3 1 2	20	631	12,612	0.02	0	0	0	0
3 2 2 2 2 2 2 3	12	1,051	12,608	0.02	1	1	1	3
3 3 2 3 1 3 2 3	14	899	12,591	0.02	1	0	1	2
1 2 3 1 3 2 1 2	14	898	12,573	0.02	0	0	0	0
3 2 2 2 2 1 2 3	9	1,392	12,531	0.02	1	1	1	3
2 2 4 1 3 2 1 2	16	783	12,522	0.02	1	1	0	2
2 2 4 1 5 3 3 4	22	568	12,498	0.02	0	0	0	0
2 2 3 1 4 3 1 3	27	463	12,488	0.02	0	1	0	1
4 3 1 2 2 2 2 1	8	1,561	12,486	0.02	1	1	1	3
4 5 2 2 3 3 1 3	38	328	12,477	0.02	0	0	0	0
3 2 2 2 4 2 2 1	9	1,385	12,462	0.02	1	1	1	3
2 1 2 3 4 2 1 2	26	479	12,460	0.02	1	1	0	2
3 3 2 1 3 3 2 1	9	1,383	12,447	0.02	1	1	0	2
2 1 1 1 1 3 2 3	11	1,129	12,421	0.02	0	1	1	2
2 3 3 3 4 3 3 4	10	1,241	12,411	0.02	0	1	0	1
2 2 1 3 2 3 1 3	11	1,128	12,404	0.02	1	1	0	2
2 3 2 1 4 2 1 3	8	1,547	12,378	0.02	1	1	0	2
6 (13) 2 1 2 2 1 2	8	1,547	12,376	0.02	0	1	0	1
1 7 4 1 3 2 1 2	20	618	12,351	0.02	0	1	0	1
3 2 1 2 2 2 2 3	9	1,371	12,338	0.02	1	1	1	3
1 5 4 2 4 2 3 4	28	441	12,336	0.02	0	0	0	0
2 2 2 3 4 2 3 4	12	1,026	12,310	0.02	1	1	0	2
4 3 1 2 4 3 2 1	12	1,025	12,305	0.02	1	1	0	2
3 2 2 3 3 3 2 1	13	946	12,293	0.02	1	1	1	3
1 7 3 2 4 3 3 4	7	1,753	12,274	0.02	0	0	0	0
3 2 3 3 2 3 1 3	16	767	12,267	0.02	1	1	0	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 4 1 3 3 3 4	19	645	12,256	0.02	1	0	0	1
1 6 3 1 3 2 1 2	16	766	12,252	0.02	0	0	0	0
1 2 4 2 3 3 2 2	6	2,037	12,222	0.02	0	0	0	0
1 3 3 2 4 3 3 4	10	1,221	12,208	0.02	0	0	0	0
5 (12) 1 3 1 3 1 3	11	1,110	12,206	0.02	1	1	0	2
3 2 1 1 4 3 1 3	6	2,033	12,201	0.02	1	1	0	2
6 (12) 2 1 2 3 1 3	13	937	12,185	0.02	0	0	0	0
3 2 1 3 2 3 2 2	20	605	12,109	0.02	0	1	0	1
2 2 3 1 2 3 2 2	15	806	12,089	0.02	1	1	0	2
3 5 2 1 4 2 2 1	16	754	12,058	0.02	0	0	0	0
3 3 2 3 3 2 2 1	6	2,008	12,051	0.02	1	1	1	3
1 2 3 1 3 3 2 2	6	2,007	12,043	0.02	0	0	0	0
4 5 1 1 1 2 1 3	20	602	12,032	0.02	0	0	1	1
2 1 2 3 3 2 1 3	20	601	12,028	0.02	1	1	0	2
1 3 2 1 3 3 2 2	13	924	12,010	0.02	0	0	0	0
1 5 2 1 3 3 1 2	37	325	12,009	0.02	0	0	0	0
2 1 1 2 3 2 2 3	13	924	12,007	0.02	0	0	0	0
2 2 2 1 2 2 1 3	14	856	11,990	0.02	1	1	1	3
2 5 2 2 3 3 1 2	22	545	11,986	0.02	0	0	1	1
2 1 3 3 1 3 1 2	11	1,089	11,982	0.02	0	0	0	0
1 2 4 1 4 3 1 3	24	497	11,936	0.02	0	0	0	0
1 2 2 3 2 3 2 2	4	2,982	11,930	0.02	0	1	0	1
2 2 2 1 2 3 2 2	18	663	11,926	0.02	0	0	0	0
3 3 1 3 1 2 1 3	15	795	11,922	0.02	1	1	1	3
1 5 4 1 3 3 3 4	37	322	11,912	0.02	0	0	0	0
1 3 3 3 5 3 3 4	5	2,377	11,887	0.02	0	0	0	0
3 2 1 3 1 3 1 1	26	456	11,858	0.02	1	0	0	1
4 3 1 3 2 2 2 1	10	1,184	11,841	0.02	1	1	0	2
1 3 2 3 3 3 1 2	6	1,972	11,834	0.02	0	0	0	0
1 (12) 1 1 1 3 1 2	7	1,689	11,826	0.02	1	1	0	2
2 1 2 3 5 2 3 4	17	693	11,783	0.02	0	1	0	1
2 2 2 3 3 3 2 2	14	839	11,751	0.02	1	1	1	3
1 1 1 1 1 3 1 1	9	1,299	11,693	0.02	0	0	0	0
2 3 4 1 3 3 1 3	24	487	11,680	0.02	0	0	0	0
2 2 2 2 3 2 1 3	11	1,061	11,674	0.02	1	1	1	3
1 5 4 2 4 3 1 3	27	432	11,673	0.02	0	0	0	0
2 3 2 3 1 3 1 2	7	1,668	11,673	0.02	0	1	0	1
1 5 2 2 3 3 1 3	12	971	11,648	0.02	0	0	0	0
1 3 4 1 4 3 1 2	13	896	11,645	0.02	0	0	0	0
1 1 2 2 2 2 2 3	7	1,662	11,634	0.02	0	1	0	1
1 1 2 1 4 2 1 3	15	776	11,633	0.02	0	0	0	0
1 5 2 3 2 3 1 2	14	830	11,615	0.02	0	1	0	1
2 1 4 3 3 3 3 4	10	1,161	11,607	0.02	1	0	0	1
4 3 2 3 4 3 1 1	27	429	11,589	0.02	1	0	0	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 1 1 1 2 1 2	6	1,929	11,575	0.02	0	0	0	0
2 1 4 3 2 3 1 3	21	551	11,573	0.02	1	1	0	2
4 3 2 3 3 3 2 2	29	399	11,572	0.02	1	1	1	3
2 1 1 1 3 3 1 2	18	641	11,546	0.02	1	0	0	1
1 1 1 1 3 3 2 2	9	1,283	11,544	0.02	0	0	0	0
1 1 2 1 2 3 2 1	13	887	11,525	0.02	0	1	0	1
2 2 2 1 3 3 2 1	16	720	11,518	0.02	1	1	0	2
4 3 2 3 1 3 1 1	19	606	11,517	0.02	1	1	1	3
2 2 2 3 2 2 2 3	7	1,645	11,515	0.02	1	1	1	3
1 5 3 2 4 3 3 4	24	479	11,505	0.02	0	0	0	0
2 3 2 2 2 3 2 3	7	1,642	11,494	0.02	1	1	0	2
2 5 1 1 4 3 1 3	26	440	11,441	0.02	0	0	0	0
1 1 1 1 2 3 1 1	6	1,907	11,440	0.02	0	0	0	0
4 3 1 1 2 3 2 3	20	570	11,405	0.02	1	1	1	3
2 5 4 2 4 3 3 4	16	713	11,404	0.02	0	0	0	0
2 1 2 2 3 3 2 1	11	1,035	11,386	0.02	0	0	0	0
2 2 3 2 4 3 1 3	21	542	11,385	0.02	1	0	0	1
2 1 4 1 3 2 2 2	14	812	11,369	0.02	0	1	0	1
2 3 2 3 2 3 1 3	22	516	11,363	0.02	0	0	0	0
1 3 4 1 3 3 1 2	11	1,033	11,362	0.02	0	0	0	0
1 3 3 2 1 3 2 2	7	1,618	11,328	0.02	1	0	0	1
3 2 2 3 4 2 2 3	16	707	11,314	0.02	1	1	1	3
4 5 2 2 3 2 2 1	14	806	11,283	0.02	0	0	0	0
3 3 2 3 4 2 1 3	13	868	11,281	0.02	1	1	1	3
1 1 2 3 4 3 1 2	8	1,409	11,276	0.02	0	0	0	0
1 7 4 3 4 3 3 4	12	939	11,271	0.02	0	0	1	1
1 5 2 1 4 1 2 1	9	1,249	11,241	0.02	0	0	0	0
2 1 4 1 5 2 3 4	11	1,022	11,239	0.02	1	0	0	1
6 (13) 1 1 1 3 1 1	11	1,021	11,234	0.02	0	0	0	0
5 1 1 1 1 3 1 3	5	2,247	11,234	0.02	0	0	0	0
2 1 1 3 2 2 1 3	7	1,604	11,228	0.02	0	1	1	2
1 5 4 1 2 3 1 2	35	320	11,190	0.02	0	0	0	0
2 2 1 1 2 3 1 3	12	932	11,181	0.02	1	1	1	3
1 5 4 1 1 3 1 2	34	329	11,174	0.02	0	0	0	0
3 5 2 1 4 3 1 2	26	430	11,170	0.02	0	0	0	0
1 1 4 1 3 2 3 4	7	1,593	11,149	0.02	0	0	0	0
6 (13) 2 3 1 3 1 1	2	5,573	11,146	0.02	0	0	0	0
2 3 4 1 3 3 2 3	17	655	11,140	0.02	0	0	0	0
4 3 3 2 4 3 1 3	33	337	11,137	0.02	0	0	0	0
2 1 3 1 2 3 2 2	9	1,233	11,099	0.02	1	0	0	1
1 1 3 1 2 3 2 1	14	792	11,081	0.02	1	1	0	2
4 3 1 3 2 2 2 3	13	852	11,081	0.02	1	1	1	3
4 3 2 1 4 3 1 1	20	553	11,064	0.02	0	0	1	1
3 5 1 2 4 3 3 4	29	381	11,053	0.02	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 2 1 1 3 2 2	10	1,105	11,047	0.02	0	1	0	1
1 7 3 1 4 2 3 4	4	2,736	10,943	0.02	0	0	0	0
3 2 2 3 2 3 3 4	11	995	10,942	0.02	0	0	0	0
2 2 4 1 4 2 3 4	8	1,367	10,938	0.02	1	1	0	2
2 3 2 3 3 3 1 3	15	729	10,938	0.02	0	0	0	0
4 6 1 1 2 3 2 1	5	2,179	10,896	0.02	1	1	1	3
1 2 4 2 5 3 3 4	8	1,360	10,882	0.02	0	0	0	0
1 1 3 2 2 3 2 2	11	989	10,880	0.02	0	0	0	0
1 3 4 2 3 3 1 2	12	906	10,876	0.02	0	0	0	0
1 7 3 3 2 3 1 2	11	988	10,865	0.02	0	1	0	1
3 2 1 2 2 2 1 3	12	905	10,863	0.02	1	1	0	2
2 1 3 1 4 3 2 3	16	678	10,850	0.02	0	0	0	0
2 1 4 1 1 3 2 2	10	1,082	10,820	0.02	0	0	0	0
1 1 2 1 1 2 2 3	10	1,078	10,779	0.02	0	1	0	1
2 6 4 2 3 3 1 2	6	1,796	10,776	0.02	0	0	0	0
1 1 1 2 2 3 2 2	6	1,793	10,760	0.02	0	1	0	1
1 1 2 2 4 3 1 3	8	1,344	10,755	0.02	0	0	0	0
2 2 4 1 3 3 1 3	18	597	10,754	0.02	0	0	0	0
2 2 1 1 1 3 1 2	7	1,532	10,727	0.02	1	1	0	2
1 1 2 3 4 3 1 3	12	893	10,719	0.02	0	0	0	0
2 1 4 1 4 2 1 2	17	629	10,687	0.02	1	1	0	2
1 1 3 1 2 2 2 2	11	971	10,680	0.02	1	0	0	1
6 (13) 1 2 2 3 1 2	9	1,184	10,652	0.02	0	0	0	0
2 6 4 1 3 3 2 3	14	760	10,634	0.02	0	0	0	0
3 3 2 3 5 3 3 4	12	885	10,621	0.02	0	1	0	1
1 1 2 1 4 3 2 1	17	625	10,620	0.02	1	1	0	2
1 5 4 1 3 2 1 2	42	253	10,607	0.02	0	0	0	0
2 1 4 2 4 3 1 3	19	558	10,601	0.02	0	1	0	1
2 3 4 1 2 3 1 3	19	556	10,564	0.02	1	0	0	1
3 2 2 3 3 3 3 4	27	391	10,550	0.02	0	1	1	2
1 2 4 1 2 3 1 2	11	957	10,532	0.02	0	0	0	0
3 3 2 3 4 2 3 4	8	1,314	10,513	0.02	1	1	1	3
1 3 3 2 3 3 1 2	9	1,166	10,491	0.02	0	0	0	0
2 2 3 3 2 3 1 2	15	699	10,486	0.02	0	1	0	1
1 1 2 2 2 1 2 1	6	1,746	10,477	0.02	0	0	0	0
3 2 2 2 1 2 1 3	13	806	10,473	0.02	1	1	1	3
4 5 2 1 3 3 2 1	10	1,046	10,461	0.02	0	1	1	2
2 1 2 1 3 2 2 2	13	804	10,448	0.02	1	0	0	1
2 2 2 2 4 3 1 2	18	580	10,436	0.02	0	0	0	0
2 1 2 3 4 2 2 3	13	802	10,426	0.02	1	1	0	2
2 1 3 1 1 3 1 3	22	473	10,416	0.02	0	0	0	0
1 3 2 3 1 3 2 2	6	1,735	10,413	0.02	0	0	0	0
2 2 2 3 3 3 3 4	13	800	10,402	0.02	0	1	0	1
2 5 1 2 3 3 2 3	10	1,040	10,397	0.02	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 5 2 1 3 3 2 1	25	415	10,386	0.02	0	0	0	0
1 3 3 2 1 3 1 2	7	1,480	10,361	0.02	0	0	0	0
3 2 1 2 3 3 1 3	21	493	10,353	0.02	0	1	1	2
2 3 2 2 2 3 2 1	10	1,035	10,351	0.02	1	0	0	1
2 2 4 1 2 3 1 3	23	450	10,350	0.02	1	1	0	2
6 (13) 2 2 2 2 1 2	7	1,475	10,328	0.02	0	0	0	0
2 3 2 1 1 3 2 3	12	860	10,324	0.02	1	1	1	3
1 1 4 1 3 2 2 3	12	860	10,315	0.02	1	0	0	1
2 1 1 2 1 3 2 1	7	1,473	10,309	0.02	0	1	0	1
2 2 3 2 3 2 1 2	10	1,031	10,306	0.02	0	0	0	0
2 2 3 2 3 3 1 3	16	644	10,305	0.02	0	0	0	0
1 2 1 2 2 2 1 2	6	1,716	10,297	0.02	1	1	0	2
1 3 3 1 4 3 1 3	16	643	10,291	0.02	0	0	0	0
2 3 2 1 2 2 2 1	8	1,286	10,288	0.02	1	1	0	2
2 2 4 1 4 3 1 3	19	540	10,260	0.02	0	1	0	1
6 (13) 1 3 2 3 1 3	4	2,557	10,229	0.02	0	0	0	0
3 3 4 3 4 3 3 4	8	1,278	10,227	0.02	0	0	0	0
4 3 1 3 4 3 2 1	18	568	10,224	0.02	1	0	1	2
2 1 4 2 3 2 2 2	14	729	10,202	0.02	1	1	0	2
3 3 1 3 4 3 3 4	14	728	10,199	0.02	1	1	0	2
5 (12) 2 3 2 3 1 3	17	600	10,192	0.02	0	0	0	0
1 2 3 2 3 2 1 2	4	2,536	10,143	0.02	0	0	0	0
2 2 2 3 3 2 2 3	9	1,126	10,138	0.02	1	1	0	2
2 1 2 3 1 2 2 3	3	3,379	10,136	0.02	1	0	0	1
3 5 1 3 2 3 2 3	13	779	10,122	0.02	0	0	0	0
2 1 2 1 5 3 3 4	14	723	10,118	0.02	0	0	1	1
4 5 1 1 4 2 2 3	19	532	10,116	0.02	0	0	0	0
2 1 1 1 4 3 1 3	13	778	10,112	0.02	0	1	0	1
3 2 1 2 2 3 2 3	11	919	10,106	0.02	1	1	0	2
4 5 2 2 4 2 2 1	19	529	10,056	0.02	0	0	0	0
1 3 3 1 3 3 2 3	8	1,256	10,045	0.02	0	0	0	0
1 (12) 2 1 1 3 1 2	4	2,509	10,034	0.02	0	0	0	0
1 3 4 2 1 3 1 2	6	1,672	10,029	0.02	0	0	0	0
1 2 3 1 3 3 1 3	10	1,001	10,015	0.02	0	0	0	0
3 2 2 1 2 2 1 3	15	668	10,014	0.02	1	1	1	3
4 3 2 2 4 3 2 3	15	667	10,000	0.02	1	1	1	3
1 2 2 2 3 3 1 2	10	1,000	9,999	0.02	0	0	0	0
2 6 2 1 2 3 1 2	12	833	9,994	0.02	0	1	0	1
4 5 1 2 3 3 2 2	40	250	9,989	0.02	0	0	0	0
2 2 2 1 3 2 2 3	14	712	9,961	0.02	0	0	0	0
4 5 1 1 2 3 1 1	20	498	9,955	0.02	0	1	0	1
1 1 2 2 3 2 2 3	15	663	9,939	0.02	0	0	0	0
1 2 1 3 4 3 3 4	3	3,312	9,937	0.02	0	0	1	1
1 1 2 2 1 3 1 3	10	993	9,933	0.02	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 2 4 1 3 3 1 3	18	551	9,922	0.02	0	0	0	0
4 5 1 1 2 2 1 3	19	522	9,916	0.02	0	1	1	2
1 1 2 3 2 2 2 2	6	1,643	9,860	0.02	1	1	0	2
1 3 2 2 1 2 1 2	3	3,282	9,846	0.02	0	0	0	0
1 7 4 1 1 3 1 2	21	468	9,836	0.02	0	0	0	0
2 1 3 1 4 3 1 2	15	655	9,819	0.02	1	0	0	1
2 (12) 1 1 1 3 1 2	5	1,962	9,811	0.02	1	0	0	1
1 1 2 3 1 3 1 3	8	1,225	9,804	0.02	0	0	0	0
3 3 2 1 4 2 2 3	3	3,268	9,803	0.02	0	0	0	0
3 3 2 2 2 3 2 3	7	1,400	9,798	0.02	1	1	1	3
1 3 2 3 3 3 2 2	4	2,448	9,790	0.02	0	0	0	0
1 2 2 1 1 3 1 3	9	1,086	9,778	0.02	0	1	0	1
1 3 4 2 4 3 1 3	20	489	9,771	0.02	0	0	1	1
2 3 2 1 1 3 2 2	11	888	9,770	0.02	0	1	1	2
4 5 2 1 4 3 1 1	22	444	9,769	0.02	0	0	0	0
2 5 2 1 2 3 2 1	19	514	9,766	0.02	0	0	0	0
2 1 2 2 4 2 2 1	15	651	9,760	0.02	1	1	0	2
1 1 2 2 1 3 2 2	10	975	9,750	0.02	0	0	0	0
2 1 2 1 1 2 1 3	9	1,080	9,724	0.02	0	1	0	1
1 2 4 1 4 2 3 4	8	1,215	9,717	0.02	1	1	0	2
3 2 2 2 5 3 3 4	18	539	9,696	0.02	0	0	0	0
4 3 3 2 4 3 3 4	12	808	9,692	0.02	0	1	1	2
1 1 2 3 1 3 1 1	4	2,418	9,672	0.02	0	0	0	0
2 1 1 3 3 3 2 2	3	3,220	9,659	0.02	0	0	0	0
4 5 2 3 4 2 1 3	21	460	9,656	0.02	0	1	1	2
2 3 2 1 1 3 1 2	15	643	9,649	0.02	1	0	0	1
1 6 3 1 3 3 1 2	10	964	9,638	0.02	0	0	0	0
2 2 4 2 3 3 2 2	11	876	9,631	0.02	0	0	0	0
1 2 3 2 4 2 3 4	1	9,612	9,612	0.02	0	0	0	0
1 5 1 1 2 3 1 3	28	343	9,609	0.02	0	0	0	0
2 3 1 1 1 3 1 2	2	4,800	9,600	0.02	0	1	0	1
2 1 2 3 4 2 2 1	13	738	9,597	0.02	1	1	0	2
3 5 2 2 3 3 2 1	19	504	9,583	0.02	0	0	0	0
1 1 1 3 2 3 1 2	3	3,190	9,570	0.02	0	0	0	0
2 1 4 2 4 2 1 2	10	956	9,557	0.02	0	1	0	1
1 2 2 2 3 2 1 2	3	3,183	9,550	0.02	0	0	0	0
1 1 4 2 3 2 2 2	12	795	9,538	0.02	0	0	0	0
2 1 4 3 1 3 1 2	8	1,192	9,538	0.02	0	1	0	1
1 1 2 3 1 3 2 2	6	1,589	9,531	0.02	0	0	0	0
4 5 2 3 4 3 2 1	13	733	9,530	0.02	0	1	0	1
1 2 2 2 2 3 1 3	13	731	9,509	0.02	0	0	0	0
1 3 3 3 4 3 3 4	8	1,186	9,485	0.02	0	0	0	0
2 2 2 2 3 2 1 2	8	1,184	9,475	0.02	1	1	0	2
4 3 1 3 4 3 2 3	5	1,895	9,473	0.02	1	1	0	2

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5 (13) 1 1 1 3 1 2	10	947	9,468	0.02	0	0	0	0
1 5 4 1 3 3 1 2	41	231	9,467	0.02	0	0	0	0
2 1 2 2 4 2 1 2	12	788	9,456	0.02	1	1	0	2
3 2 1 3 1 2 1 2	12	786	9,431	0.02	0	0	1	1
2 1 2 2 4 3 2 1	14	673	9,424	0.02	0	0	0	0
2 3 4 2 3 3 1 2	13	719	9,353	0.02	0	1	0	1
3 2 2 3 2 3 2 2	29	323	9,353	0.02	1	1	0	2
4 3 4 1 4 3 1 3	4	2,336	9,344	0.02	1	0	1	2
3 2 1 2 4 3 1 3	10	934	9,343	0.02	1	1	1	3
2 7 1 2 2 3 1 3	1	9,340	9,340	0.02	1	1	1	3
1 1 2 3 2 3 1 3	4	2,334	9,335	0.02	0	0	0	0
1 3 1 3 4 3 3 4	6	1,555	9,331	0.02	0	0	0	0
2 5 2 2 4 3 2 3	20	466	9,322	0.02	0	0	0	0
3 2 3 2 2 3 1 2	17	548	9,312	0.02	1	0	1	2
4 3 3 3 4 3 3 4	18	517	9,306	0.02	1	0	1	2
4 3 1 2 1 3 1 2	16	581	9,294	0.02	1	0	1	2
2 1 2 1 4 2 1 1	11	845	9,290	0.02	1	1	0	2
3 5 2 1 2 3 2 2	27	344	9,290	0.02	0	0	0	0
2 5 2 1 1 3 1 3	16	579	9,263	0.02	0	1	0	1
4 3 1 2 1 3 2 3	13	710	9,234	0.02	1	1	1	3
2 6 2 1 1 3 1 3	16	575	9,193	0.02	0	1	0	1
2 3 3 1 2 3 1 2	15	612	9,175	0.02	0	0	0	0
3 2 2 2 4 2 1 3	11	833	9,167	0.02	1	1	0	2
3 2 3 2 2 3 2 3	10	914	9,143	0.02	1	1	1	3
2 1 3 2 1 3 1 3	17	537	9,129	0.02	0	0	0	0
2 3 2 1 3 3 2 3	12	760	9,116	0.02	0	0	0	0
1 1 2 2 3 3 2 1	9	1,013	9,114	0.02	0	0	0	0
1 5 3 1 3 2 1 2	32	284	9,089	0.02	0	0	0	0
3 3 2 2 3 3 1 3	14	649	9,086	0.02	1	1	0	2
1 1 4 2 1 3 1 2	7	1,297	9,082	0.02	0	0	0	0
1 2 2 1 2 2 2 2	4	2,269	9,075	0.02	0	1	0	1
3 5 2 3 3 3 1 3	14	645	9,032	0.02	0	0	0	0
4 5 1 2 3 2 2 1	12	751	9,013	0.02	0	0	0	0
2 3 2 1 1 3 2 1	7	1,285	8,992	0.02	0	0	0	0
4 3 2 1 2 3 1 2	7	1,282	8,976	0.02	1	1	0	2
4 7 1 3 2 3 1 3	11	815	8,969	0.02	1	1	1	3
2 6 2 2 2 3 1 2	11	815	8,963	0.02	0	1	1	2
2 1 4 2 4 2 3 4	7	1,280	8,957	0.02	0	1	0	1
4 3 2 3 1 2 2 3	6	1,490	8,939	0.02	0	0	0	0
2 3 4 2 3 3 2 3	8	1,116	8,925	0.02	1	1	0	2
1 1 4 1 4 2 1 2	19	468	8,894	0.02	0	1	0	1
3 2 3 3 1 3 1 3	18	493	8,877	0.02	0	1	0	1
1 7 4 3 3 1 2 3	4	2,217	8,867	0.02	0	0	0	0
2 5 2 1 2 3 2 2	23	385	8,866	0.02	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 3 2 1 3 3 2 1	22	402	8,854	0.02	1	1	1	3
1 3 2 2 3 2 1 2	7	1,263	8,844	0.02	1	1	0	2
2 2 2 1 4 2 1 3	9	982	8,835	0.02	1	1	0	2
1 2 2 3 4 3 1 3	9	982	8,834	0.02	1	1	0	2
2 3 2 2 3 3 2 2	4	2,208	8,831	0.02	1	1	0	2
2 6 3 1 4 3 1 3	12	735	8,822	0.02	0	0	0	0
3 1 1 3 2 3 1 3	21	420	8,813	0.02	1	1	0	2
3 2 4 2 3 3 1 3	17	518	8,799	0.02	0	1	1	2
2 1 2 2 3 3 3 4	19	463	8,792	0.02	1	1	0	2
1 1 2 1 4 3 2 3	16	549	8,790	0.02	0	0	0	0
4 3 2 1 3 3 1 3	14	628	8,789	0.02	1	1	1	3
2 6 2 2 4 3 3 4	11	798	8,777	0.02	1	0	0	1
2 2 2 1 4 2 2 3	13	675	8,776	0.02	0	1	1	2
3 6 2 2 4 2 1 3	8	1,095	8,763	0.02	1	1	0	2
1 2 2 2 4 3 1 2	8	1,095	8,762	0.02	0	0	0	0
3 2 2 1 3 2 1 3	17	514	8,740	0.02	0	0	0	0
4 5 2 2 3 2 1 3	7	1,248	8,737	0.02	0	0	0	0
4 3 2 2 4 2 2 1	6	1,456	8,737	0.02	1	1	1	3
1 1 2 1 2 3 1 1	15	581	8,721	0.02	0	0	0	0
3 5 3 1 4 3 3 4	11	791	8,706	0.02	0	0	0	0
1 1 3 2 1 3 2 2	5	1,740	8,702	0.02	0	0	0	0
3 3 2 1 2 3 2 1	6	1,449	8,693	0.02	1	1	0	2
1 1 2 1 1 3 2 1	8	1,086	8,686	0.02	0	0	1	1
3 5 2 1 4 3 1 3	22	395	8,681	0.02	0	0	0	0
4 7 2 2 2 3 1 2	4	2,169	8,677	0.02	0	1	1	2
4 3 1 1 2 3 1 2	19	457	8,674	0.02	1	1	0	2
1 5 2 1 4 2 2 1	12	720	8,644	0.02	0	0	0	0
2 3 3 2 4 3 1 3	18	479	8,621	0.02	0	0	0	0
3 6 2 2 2 2 2 1	5	1,724	8,621	0.02	1	1	0	2
3 3 3 2 4 3 3 4	3	2,870	8,611	0.02	0	0	0	0
1 1 4 1 2 3 2 2	13	662	8,608	0.02	0	0	0	0
1 1 4 2 3 3 3 4	12	717	8,600	0.02	0	0	0	0
4 3 2 2 3 2 2 1	8	1,072	8,578	0.02	1	1	0	2
2 3 3 1 3 3 1 3	15	571	8,572	0.02	0	1	0	1
1 1 3 2 4 2 1 2	10	853	8,525	0.02	0	0	0	0
3 2 1 3 3 3 2 2	9	946	8,516	0.02	1	1	0	2
3 2 3 3 4 3 3 4	17	501	8,512	0.02	1	1	0	2
1 5 3 1 2 3 1 2	22	386	8,503	0.02	0	0	0	0
2 2 3 1 3 3 1 2	16	531	8,499	0.02	0	1	0	1
2 6 2 2 2 3 1 3	7	1,214	8,498	0.02	1	0	1	2
3 3 1 2 1 3 1 3	16	531	8,495	0.02	1	0	1	2
1 1 2 1 1 2 2 2	9	943	8,485	0.02	0	0	0	0
6 (13) 2 2 1 3 1 1	6	1,413	8,475	0.02	0	0	0	0
2 1 1 2 1 2 1 2	4	2,115	8,459	0.02	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 1 3 1 3 1 2	10	845	8,447	0.02	1	0	0	1
1 3 2 1 4 2 1 2	8	1,055	8,439	0.02	1	1	0	2
1 5 4 3 4 3 3 4	34	248	8,437	0.02	0	0	0	0
1 6 4 1 3 3 2 3	14	603	8,437	0.02	0	1	0	1
1 2 3 3 4 3 1 3	10	844	8,435	0.02	0	0	1	1
6 (12) 1 2 2 3 1 2	4	2,108	8,432	0.02	0	0	0	0
4 5 2 2 3 2 2 3	11	765	8,420	0.02	0	1	0	1
4 3 2 1 4 3 1 3	9	935	8,417	0.02	1	1	0	2
1 7 2 2 3 3 1 3	6	1,403	8,415	0.02	0	0	0	0
2 2 3 1 3 3 2 3	9	933	8,400	0.02	0	0	0	0
4 3 4 3 4 3 1 3	8	1,049	8,396	0.02	1	1	0	2
1 1 2 2 2 1 1 2	10	835	8,347	0.02	0	0	0	0
3 5 2 1 2 3 1 3	14	596	8,340	0.02	0	0	0	0
3 2 1 3 1 3 2 3	7	1,190	8,331	0.02	1	1	0	2
1 3 4 2 3 3 3 4	13	640	8,316	0.02	0	0	0	0
1 1 3 1 3 3 3 4	22	377	8,300	0.02	0	0	0	0
2 2 2 2 3 2 2 1	6	1,382	8,293	0.02	1	1	1	3
6 (13) 1 1 2 3 2 2	6	1,382	8,291	0.02	0	0	0	0
3 2 3 1 2 3 1 2	8	1,036	8,288	0.02	1	0	0	1
1 3 2 2 1 3 1 1	5	1,656	8,281	0.02	0	0	1	1
2 1 4 2 2 3 3 4	9	920	8,279	0.02	1	1	0	2
1 1 1 3 1 2 2 3	4	2,064	8,255	0.02	0	0	0	0
2 1 2 3 1 3 1 1	7	1,178	8,249	0.02	1	0	0	1
2 3 3 2 3 3 1 2	6	1,372	8,234	0.02	1	1	0	2
1 2 2 1 4 3 1 2	12	685	8,225	0.01	0	1	0	1
2 1 1 1 1 3 1 3	18	456	8,217	0.01	0	0	0	0
6 (13) 2 3 2 3 1 3	5	1,643	8,216	0.01	0	0	0	0
1 1 4 1 2 3 1 3	17	482	8,200	0.01	0	0	0	0
4 5 1 1 2 2 2 3	17	482	8,193	0.01	0	1	1	2
3 5 2 1 3 2 1 1	5	1,632	8,161	0.01	0	0	0	0
1 2 3 1 2 3 1 2	9	907	8,160	0.01	0	1	0	1
3 5 2 2 4 2 1 3	24	340	8,153	0.01	0	0	0	0
1 2 4 1 4 3 1 2	12	678	8,142	0.01	0	0	0	0
2 2 3 1 3 3 1 3	10	812	8,116	0.01	0	0	0	0
3 2 2 1 1 2 1 3	12	676	8,108	0.01	1	1	1	3
1 3 4 3 5 3 3 4	8	1,012	8,100	0.01	0	0	0	0
2 3 2 2 3 3 2 3	7	1,157	8,100	0.01	1	0	0	1
2 9 2 2 1 3 1 2	5	1,619	8,096	0.01	1	1	1	3
3 2 2 2 2 1 1 3	4	2,023	8,091	0.01	1	1	1	3
2 2 2 1 4 2 2 1	4	2,022	8,090	0.01	1	1	0	2
1 1 3 1 2 3 3 4	5	1,617	8,086	0.01	0	1	0	1
2 2 2 2 4 2 2 3	15	538	8,075	0.01	1	1	0	2
6 (13) 2 3 1 3 1 3	5	1,614	8,071	0.01	0	0	0	0
1 6 2 3 3 3 1 2	3	2,690	8,070	0.01	0	1	0	1

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 3 2 1 2 2 2	6	1,344	8,064	0.01	0	0	0	0
2 1 4 1 3 2 2 3	12	672	8,060	0.01	0	0	0	0
1 5 4 2 4 3 1 2	19	424	8,059	0.01	0	1	0	1
2 2 2 3 1 2 2 3	6	1,343	8,055	0.01	1	1	0	2
2 1 4 2 1 3 1 3	16	503	8,041	0.01	0	1	0	1
4 3 1 3 2 3 1 1	8	1,000	8,003	0.01	1	1	0	2
2 2 3 2 5 3 3 4	8	1,000	8,000	0.01	0	1	0	1
2 2 2 1 1 3 1 1	5	1,599	7,994	0.01	0	0	0	0
2 1 3 2 4 2 1 3	6	1,331	7,986	0.01	0	1	1	2
4 5 2 1 2 3 1 1	13	614	7,985	0.01	0	0	0	0
1 6 4 1 5 3 3 4	5	1,597	7,983	0.01	0	0	0	0
1 7 4 2 3 3 1 2	5	1,595	7,974	0.01	0	0	0	0
2 1 3 2 3 2 2 3	10	797	7,969	0.01	1	1	0	2
1 1 3 2 2 2 1 2	9	883	7,945	0.01	0	0	0	0
4 3 1 3 4 2 1 1	5	1,584	7,921	0.01	1	1	1	3
1 3 3 1 3 3 1 3	11	720	7,916	0.01	0	0	0	0
2 6 2 1 4 3 3 4	7	1,131	7,914	0.01	1	0	0	1
1 3 3 3 3 3 1 2	3	2,632	7,897	0.01	0	0	0	0
1 1 3 1 4 2 2 3	17	463	7,870	0.01	1	1	0	2
2 2 2 1 3 3 2 2	8	984	7,870	0.01	0	0	0	0
1 3 2 2 3 3 1 3	10	785	7,851	0.01	1	1	0	2
6 (12) 1 1 2 3 1 3	5	1,568	7,842	0.01	0	0	0	0
2 1 4 3 3 2 1 2	10	783	7,828	0.01	0	0	0	0
3 3 1 3 2 3 2 3	10	782	7,815	0.01	1	1	1	3
3 2 2 3 2 2 2 2	17	460	7,814	0.01	0	1	1	2
2 1 4 1 4 2 1 3	12	650	7,799	0.01	0	1	0	1
4 5 2 1 1 3 2 3	17	459	7,795	0.01	0	0	1	1
1 1 2 2 2 1 2 2	5	1,559	7,793	0.01	0	0	0	0
2 5 1 1 2 3 1 2	2	3,890	7,780	0.01	0	0	0	0
2 1 2 2 2 1 2 2	13	598	7,778	0.01	1	1	1	3
1 1 3 2 3 3 2 1	10	777	7,766	0.01	0	1	0	1
1 1 3 3 4 3 1 3	13	597	7,762	0.01	0	0	0	0
2 1 3 2 1 3 3 4	6	1,293	7,758	0.01	0	0	0	0
3 3 2 3 1 3 1 2	14	554	7,754	0.01	1	1	0	2
3 5 1 2 1 3 1 3	16	483	7,733	0.01	0	0	0	0
2 1 4 2 3 3 2 2	12	644	7,733	0.01	0	0	0	0
4 5 1 3 2 3 1 1	7	1,104	7,731	0.01	0	1	0	1
2 1 2 3 2 3 3 4	9	859	7,729	0.01	0	1	1	2
2 3 2 2 3 3 2 1	6	1,288	7,729	0.01	0	0	0	0
1 3 4 3 4 3 1 1	11	700	7,704	0.01	0	0	0	0
1 5 2 1 3 3 2 1	20	385	7,698	0.01	0	0	0	0
4 5 2 3 3 3 2 1	13	591	7,687	0.01	0	1	1	2
2 1 3 1 2 2 2 3	6	1,281	7,685	0.01	1	1	0	2
2 2 2 2 2 2 1 2	6	1,280	7,680	0.01	0	1	1	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 1 2 1 2 2 2	8	959	7,672	0.01	1	0	0	1
4 5 1 1 3 2 2 1	7	1,094	7,660	0.01	0	1	0	1
4 5 2 1 2 2 1 2	8	957	7,656	0.01	0	0	0	0
2 5 1 3 5 3 3 4	9	851	7,656	0.01	0	0	0	0
1 3 3 2 5 3 3 4	7	1,091	7,638	0.01	0	0	0	0
4 6 2 3 2 3 1 3	14	543	7,598	0.01	1	1	0	2
3 3 1 3 1 3 2 3	2	3,791	7,582	0.01	1	1	1	3
4 9 2 2 1 3 1 3	18	421	7,570	0.01	1	1	1	3
1 1 3 1 2 2 1 2	13	582	7,564	0.01	0	0	0	0
4 3 1 1 3 3 2 3	13	582	7,562	0.01	0	1	1	2
1 4 4 1 5 3 3 4	6	1,259	7,556	0.01	0	0	0	0
2 3 2 3 1 3 2 1	11	687	7,555	0.01	0	0	0	0
3 7 2 3 2 2 1 3	4	1,888	7,553	0.01	0	1	0	1
1 3 2 1 4 3 1 1	6	1,257	7,542	0.01	0	0	0	0
1 2 4 2 4 3 1 3	16	471	7,538	0.01	0	0	0	0
2 2 2 1 2 3 2 1	6	1,254	7,522	0.01	1	1	0	2
2 5 2 3 3 3 1 2	14	537	7,512	0.01	0	0	0	0
1 1 4 1 4 3 2 3	20	376	7,510	0.01	0	0	0	0
2 1 3 2 3 3 2 1	12	626	7,510	0.01	0	0	0	0
1 1 2 1 2 1 2 1	6	1,246	7,475	0.01	1	0	0	1
1 5 3 1 4 2 2 2	22	338	7,446	0.01	0	0	0	0
2 5 2 1 4 3 2 2	21	354	7,436	0.01	0	0	0	0
2 2 2 2 1 2 1 3	12	619	7,433	0.01	1	1	0	2
4 5 1 3 4 2 2 1	1	7,413	7,413	0.01	0	0	0	0
1 1 2 1 3 3 2 1	9	823	7,404	0.01	0	0	0	0
4 6 1 3 3 3 1 3	5	1,479	7,396	0.01	1	1	0	2
1 6 4 3 4 3 3 4	4	1,838	7,353	0.01	1	0	0	1
4 3 2 1 1 2 1 3	9	817	7,351	0.01	0	1	1	2
3 3 2 2 1 3 1 2	13	565	7,339	0.01	1	1	1	3
3 2 2 3 1 3 3 4	8	917	7,338	0.01	0	1	1	2
2 1 3 1 2 2 1 2	8	916	7,325	0.01	0	0	0	0
2 3 2 2 2 2 2 3	1	7,308	7,308	0.01	1	1	0	2
1 5 4 1 4 3 1 3	15	487	7,304	0.01	0	0	0	0
2 2 2 3 1 3 2 3	6	1,214	7,283	0.01	1	0	1	2
2 3 4 1 1 3 1 2	13	560	7,280	0.01	0	0	0	0
1 1 2 3 4 3 2 2	7	1,039	7,272	0.01	0	0	1	1
2 2 2 2 4 3 2 1	7	1,039	7,271	0.01	1	1	1	3
2 3 3 1 3 3 2 3	12	606	7,269	0.01	1	1	0	2
3 3 2 2 2 2 1 3	9	807	7,259	0.01	1	1	0	2
3 2 1 2 1 3 2 2	3	2,419	7,258	0.01	1	0	0	1
1 1 1 2 1 2 1 2	5	1,451	7,253	0.01	0	0	0	0
4 3 1 3 2 2 1 2	15	483	7,243	0.01	1	1	1	3
2 2 2 2 2 2 2 2	3	2,414	7,243	0.01	1	1	0	2
1 1 3 3 3 2 2 3	9	803	7,228	0.01	0	1	0	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 3 1 2 3 2 1	7	1,031	7,217	0.01	0	0	0	0
2 1 2 3 3 1 1 2	3	2,405	7,215	0.01	1	1	0	2
6 (13) 2 2 1 3 1 2	6	1,202	7,214	0.01	0	0	0	0
3 2 1 2 1 3 1 2	13	554	7,203	0.01	1	0	0	1
1 7 2 1 4 3 3 4	5	1,439	7,196	0.01	0	0	0	0
4 3 2 2 3 3 3 4	24	299	7,182	0.01	0	1	0	1
2 1 4 2 3 2 2 3	12	598	7,180	0.01	0	0	1	1
2 1 2 2 1 3 2 1	13	552	7,179	0.01	1	1	0	2
2 9 2 3 3 3 1 2	7	1,025	7,176	0.01	0	0	0	0
1 2 4 1 3 3 2 2	9	797	7,173	0.01	0	0	0	0
3 3 2 2 1 3 2 1	5	1,432	7,160	0.01	0	0	0	0
1 3 4 2 3 3 2 3	5	1,430	7,150	0.01	0	0	0	0
4 5 2 1 4 3 2 3	14	510	7,144	0.01	0	1	0	1
2 1 4 2 2 3 1 3	7	1,019	7,133	0.01	0	1	0	1
3 6 2 3 4 3 3 4	5	1,426	7,132	0.01	0	0	0	0
4 3 2 1 2 3 1 3	15	475	7,131	0.01	1	1	1	3
1 1 1 1 5 3 3 4	4	1,779	7,115	0.01	0	0	0	0
4 5 2 1 2 2 1 1	5	1,423	7,114	0.01	0	0	0	0
1 3 2 2 2 3 2 2	7	1,015	7,106	0.01	0	0	0	0
3 5 2 2 2 3 2 3	19	374	7,100	0.01	0	0	1	1
3 2 1 3 2 2 2 2	8	886	7,089	0.01	0	0	1	1
4 3 2 3 3 2 1 3	12	589	7,074	0.01	1	1	1	3
2 2 3 1 3 2 2 3	6	1,179	7,071	0.01	0	0	0	0
3 2 2 2 1 3 1 1	16	442	7,065	0.01	0	0	0	0
4 3 2 3 3 2 1 1	4	1,763	7,052	0.01	1	1	0	2
2 3 2 3 3 3 1 2	6	1,174	7,042	0.01	0	1	0	1
2 2 2 1 2 2 2 3	12	586	7,035	0.01	0	1	0	1
2 7 2 3 4 3 2 1	5	1,406	7,029	0.01	0	0	0	0
1 1 3 1 2 1 2 1	6	1,171	7,028	0.01	0	0	0	0
2 4 2 1 2 3 1 2	3	2,342	7,027	0.01	0	0	0	0
2 1 2 3 4 3 2 2	9	779	7,013	0.01	0	0	0	0
2 2 2 3 2 3 2 3	13	539	7,010	0.01	0	0	0	0
2 2 2 3 1 2 1 2	5	1,402	7,010	0.01	1	0	0	1
1 3 2 1 1 3 1 2	9	778	7,002	0.01	0	0	0	0
2 6 3 2 2 3 1 2	7	998	6,989	0.01	1	1	0	2
1 1 1 1 3 3 2 1	21	333	6,985	0.01	0	0	0	0
2 2 2 1 1 3 1 2	7	998	6,984	0.01	1	0	0	1
2 2 2 3 5 3 3 4	12	582	6,978	0.01	0	0	0	0
2 1 3 1 2 2 2 2	4	1,741	6,965	0.01	1	0	0	1
1 1 1 1 1 3 2 3	4	1,738	6,954	0.01	0	0	0	0
3 2 2 3 3 2 3 4	11	632	6,947	0.01	1	1	1	3
1 1 1 1 2 2 1 2	3	2,314	6,942	0.01	0	0	0	0
1 2 1 1 2 3 1 2	3	2,313	6,938	0.01	0	0	0	0
3 7 2 3 2 3 1 3	8	866	6,930	0.01	1	0	1	2

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1 3 3 1 1 3 1 3	9	770	6,929	0.01	0	1	0	1
1 3 4 1 3 3 1 3	11	629	6,924	0.01	0	0	0	0
2 3 2 3 3 3 2 1	13	532	6,922	0.01	1	0	0	1
3 2 1 2 1 3 2 3	3	2,302	6,906	0.01	1	1	0	2
1 1 4 1 2 2 1 2	8	862	6,894	0.01	0	0	0	0
4 6 1 3 2 3 1 3	7	983	6,883	0.01	1	1	0	2
2 7 2 1 2 2 2 1	5	1,373	6,867	0.01	1	1	0	2
2 3 3 1 3 3 1 2	13	528	6,863	0.01	0	0	0	0
2 6 4 2 2 3 1 2	14	490	6,858	0.01	1	0	0	1
1 2 4 3 4 3 1 3	17	403	6,858	0.01	0	0	0	0
1 5 2 1 4 2 3 4	15	457	6,850	0.01	0	0	0	0
1 2 2 1 2 2 1 3	5	1,370	6,848	0.01	0	0	0	0
2 1 3 2 2 3 2 2	13	526	6,841	0.01	0	0	0	0
6 3 2 1 1 3 2 2	26	263	6,826	0.01	0	0	0	0
4 7 1 3 1 3 1 3	8	853	6,821	0.01	1	1	1	3
1 5 4 1 3 3 2 2	27	253	6,819	0.01	0	0	0	0
2 2 4 3 5 3 3 4	9	758	6,818	0.01	0	0	0	0
1 3 4 1 2 3 1 3	12	568	6,813	0.01	0	1	0	1
2 6 2 1 1 2 2 3	1	6,810	6,810	0.01	1	1	0	2
1 1 1 2 3 2 2 3	3	2,270	6,809	0.01	0	0	0	0
1 5 2 2 4 3 1 2	13	523	6,799	0.01	0	0	0	0
1 2 2 2 2 3 2 2	3	2,260	6,780	0.01	0	1	0	1
1 2 2 1 3 3 2 2	5	1,354	6,768	0.01	0	0	1	1
1 1 4 2 4 3 2 3	9	751	6,757	0.01	0	0	0	0
2 3 4 1 4 3 1 1	24	282	6,756	0.01	0	0	0	0
1 2 2 3 1 3 2 2	8	844	6,749	0.01	0	0	0	0
1 1 2 1 2 2 2 1	5	1,347	6,736	0.01	0	0	0	0
1 4 2 1 1 3 1 3	8	842	6,732	0.01	0	0	0	0
1 1 2 2 1 3 1 1	6	1,121	6,729	0.01	0	0	0	0
1 1 3 1 1 3 1 3	9	746	6,715	0.01	0	0	0	0
2 3 2 3 3 3 2 2	4	1,677	6,710	0.01	1	1	1	3
1 1 4 3 4 3 1 3	15	447	6,708	0.01	0	0	0	0
2 5 2 1 4 3 1 1	11	609	6,704	0.01	0	0	0	0
1 2 2 2 3 2 2 2	1	6,704	6,704	0.01	0	0	0	0
3 2 1 1 3 3 2 1	6	1,111	6,663	0.01	1	1	0	2
2 2 2 3 2 2 2 1	6	1,110	6,661	0.01	1	1	0	2
1 5 4 1 1 3 2 2	22	302	6,646	0.01	0	0	0	0
2 7 2 3 3 3 2 2	9	738	6,644	0.01	0	1	1	2
1 7 3 3 3 3 1 2	6	1,105	6,632	0.01	0	0	0	0
1 1 2 2 1 3 2 1	4	1,658	6,631	0.01	0	0	0	0
2 1 1 1 3 3 2 1	10	663	6,627	0.01	0	0	0	0
1 7 3 1 2 3 1 2	6	1,104	6,627	0.01	0	0	0	0
5 (13) 2 3 1 3 2 2	1	6,615	6,615	0.01	0	0	0	0
2 3 2 3 4 3 1 1	6	1,102	6,613	0.01	1	0	0	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 7 2 2 4 3 3 4	5	1,320	6,602	0.01	0	1	0	1
4 3 3 2 2 3 1 2	10	658	6,580	0.01	1	1	0	2
2 2 2 3 1 3 2 2	9	731	6,579	0.01	0	0	0	0
2 6 2 1 4 3 1 3	7	939	6,573	0.01	0	1	0	1
3 2 2 2 1 2 1 2	8	821	6,570	0.01	0	1	0	1
2 1 2 2 4 2 2 2	10	657	6,569	0.01	1	1	0	2
1 3 4 1 1 3 2 2	10	657	6,566	0.01	0	0	1	1
2 2 2 3 3 2 2 2	9	730	6,566	0.01	1	1	0	2
2 3 4 3 4 3 1 3	21	313	6,564	0.01	1	1	0	2
1 2 2 1 1 3 1 2	4	1,640	6,561	0.01	0	0	0	0
3 3 2 2 3 3 1 2	6	1,093	6,559	0.01	0	1	0	1
2 1 1 1 1 2 1 3	4	1,639	6,557	0.01	0	1	0	1
1 5 3 2 3 2 1 2	11	596	6,551	0.01	0	0	0	0
3 2 1 3 2 3 1 1	11	594	6,529	0.01	0	0	1	1
1 3 2 3 3 3 2 1	5	1,305	6,526	0.01	0	0	0	0
3 2 1 3 4 2 1 3	4	1,631	6,525	0.01	1	0	1	2
1 3 4 3 3 3 2 3	7	932	6,522	0.01	0	0	0	0
1 4 3 1 3 3 2 3	6	1,087	6,521	0.01	0	0	0	0
1 1 2 2 4 2 2 1	6	1,086	6,517	0.01	1	1	0	2
4 3 2 3 3 3 3 4	16	406	6,502	0.01	0	1	1	2
2 1 4 1 2 2 1 3	8	812	6,494	0.01	0	0	0	0
4 3 2 2 2 3 2 3	11	590	6,491	0.01	1	1	0	2
4 5 2 3 3 2 2 1	7	927	6,490	0.01	0	1	1	2
1 7 4 1 4 3 1 2	11	590	6,489	0.01	0	0	0	0
2 5 2 2 3 3 2 3	14	463	6,488	0.01	0	0	0	0
1 5 2 3 3 3 1 3	5	1,297	6,485	0.01	0	1	0	1
1 3 4 3 3 3 1 3	10	648	6,477	0.01	0	0	0	0
1 2 2 1 3 3 1 3	6	1,079	6,476	0.01	0	0	0	0
2 2 3 3 3 3 2 3	6	1,079	6,474	0.01	1	1	0	2
1 3 2 2 2 2 1 3	10	645	6,454	0.01	0	0	0	0
2 1 2 1 1 2 2 3	7	922	6,452	0.01	0	1	0	1
1 1 4 3 3 2 1 2	7	920	6,437	0.01	0	1	0	1
6 (13) 2 2 1 3 1 3	2	3,217	6,435	0.01	0	0	0	0
2 1 2 1 1 3 2 1	9	714	6,423	0.01	0	0	0	0
2 3 2 1 2 3 2 3	5	1,282	6,412	0.01	0	0	0	0
3 2 2 3 4 2 2 2	9	712	6,411	0.01	1	1	1	3
2 2 2 3 2 3 2 2	13	493	6,403	0.01	1	1	0	2
3 9 2 3 1 3 1 3	12	533	6,402	0.01	0	0	0	0
2 1 4 1 2 3 3 4	11	582	6,400	0.01	0	1	0	1
4 3 2 3 2 2 1 3	5	1,276	6,379	0.01	1	1	1	3
2 3 4 1 3 3 2 2	7	910	6,372	0.01	0	0	0	0
1 3 2 2 3 3 2 3	2	3,186	6,372	0.01	0	0	0	0
4 5 1 2 4 2 3 4	4	1,592	6,369	0.01	0	0	0	0
4 3 1 3 4 2 3 4	13	490	6,365	0.01	1	1	1	3

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 4 3 1 3 1 2	5	1,269	6,346	0.01	0	0	0	0
1 6 2 3 2 3 1 3	9	705	6,341	0.01	0	0	0	0
2 1 2 1 4 2 2 2	9	704	6,333	0.01	1	1	0	2
3 2 2 2 3 3 2 2	9	702	6,314	0.01	0	1	0	1
4 3 3 3 2 3 2 1	4	1,578	6,313	0.01	1	1	0	2
6 (13) 2 1 1 3 2 3	6	1,052	6,313	0.01	0	0	0	0
2 1 4 1 2 2 1 2	13	485	6,309	0.01	0	0	0	0
2 5 2 1 3 2 2 3	7	900	6,297	0.01	0	1	0	1
1 5 4 3 4 3 1 3	12	524	6,289	0.01	0	0	1	1
2 1 2 2 1 3 1 1	9	698	6,286	0.01	0	0	0	0
6 (12) 2 1 1 3 1 2	3	2,095	6,286	0.01	0	0	0	0
2 2 4 1 2 2 1 3	9	697	6,274	0.01	1	1	0	2
1 3 3 2 4 3 1 3	6	1,046	6,273	0.01	0	0	0	0
1 4 3 1 4 3 3 4	3	2,091	6,273	0.01	0	0	0	0
1 5 2 1 4 1 1 2	20	314	6,271	0.01	0	0	0	0
1 6 3 2 4 2 1 2	4	1,567	6,267	0.01	0	0	0	0
1 3 2 1 1 2 1 2	1	6,256	6,256	0.01	0	0	0	0
1 3 3 1 3 3 3 4	6	1,043	6,255	0.01	0	0	0	0
2 5 1 2 3 3 2 1	9	695	6,255	0.01	0	0	0	0
1 3 4 2 3 3 1 3	7	893	6,252	0.01	0	0	0	0
3 2 1 1 2 3 1 2	5	1,249	6,245	0.01	0	1	0	1
2 3 3 3 1 2 1 3	8	780	6,238	0.01	1	1	0	2
1 6 3 1 2 3 2 2	5	1,245	6,224	0.01	0	1	0	1
4 6 2 3 1 3 1 3	7	889	6,223	0.01	1	1	1	3
2 2 1 1 2 3 2 2	7	889	6,221	0.01	1	1	0	2
3 2 3 2 2 3 1 3	9	691	6,219	0.01	1	1	0	2
1 1 3 1 1 2 2 2	4	1,552	6,209	0.01	0	0	0	0
2 3 3 3 2 3 2 1	5	1,241	6,204	0.01	1	0	0	1
2 1 2 1 4 3 2 2	7	886	6,203	0.01	0	0	0	0
2 6 3 2 2 2 2 3	2	3,100	6,199	0.01	1	0	0	1
3 2 4 3 5 3 3 4	10	619	6,187	0.01	0	0	0	0
1 1 1 1 1 3 2 2	6	1,030	6,179	0.01	0	0	0	0
1 5 3 2 4 3 1 2	19	325	6,172	0.01	0	0	0	0
1 1 2 2 4 2 1 3	4	1,543	6,171	0.01	0	0	0	0
2 1 1 3 1 3 1 1	7	881	6,167	0.01	0	0	0	0
2 5 2 3 3 3 2 2	9	685	6,162	0.01	0	0	0	0
1 6 3 1 4 3 1 3	6	1,025	6,152	0.01	0	0	0	0
2 5 2 1 4 2 2 1	20	307	6,148	0.01	0	0	0	0
4 3 1 1 4 3 3 4	16	384	6,145	0.01	1	0	1	2
4 3 2 3 2 3 3 4	19	323	6,144	0.01	1	1	1	3
2 1 4 2 2 3 2 3	10	614	6,142	0.01	0	0	0	0
2 1 2 2 2 3 3 4	10	614	6,141	0.01	0	0	1	1
3 2 4 3 4 3 3 4	5	1,227	6,135	0.01	0	0	0	0
2 2 3 2 2 3 1 2	7	875	6,128	0.01	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 (12) 1 2 2 3 1 2	4	1,531	6,126	0.01	0	0	0	0
2 2 4 1 1 3 1 3	10	612	6,123	0.01	1	0	0	1
1 3 4 1 3 3 1 1	11	556	6,121	0.01	0	1	1	2
2 3 3 2 1 3 1 3	10	612	6,120	0.01	0	0	0	0
2 2 2 2 3 3 3 4	9	679	6,113	0.01	0	1	0	1
1 1 2 3 2 2 1 2	4	1,528	6,110	0.01	0	0	0	0
1 5 3 3 4 3 1 2	4	1,527	6,108	0.01	0	0	0	0
2 1 2 2 2 3 1 1	8	763	6,105	0.01	0	0	0	0
4 5 1 1 1 2 1 2	14	436	6,104	0.01	0	0	0	0
3 2 2 3 4 3 1 2	15	407	6,101	0.01	0	1	1	2
2 1 3 2 3 2 1 3	9	677	6,093	0.01	1	0	0	1
2 2 4 2 4 3 1 3	10	609	6,088	0.01	0	1	0	1
1 6 2 3 2 3 1 2	12	506	6,074	0.01	1	1	0	2
1 1 2 2 2 2 1 3	3	2,021	6,063	0.01	0	0	0	0
1 7 4 1 4 3 1 3	15	404	6,055	0.01	0	0	0	0
1 4 2 1 3 3 2 3	8	757	6,055	0.01	0	0	0	0
1 2 4 3 3 3 2 3	6	1,007	6,045	0.01	0	0	0	0
2 9 3 2 1 3 1 2	8	756	6,044	0.01	0	0	0	0
2 3 3 1 3 3 2 1	7	863	6,043	0.01	0	0	0	0
1 5 4 2 5 3 3 4	15	402	6,034	0.01	0	0	0	0
1 1 4 1 1 3 2 2	10	603	6,025	0.01	0	0	0	0
3 2 2 2 1 3 2 3	7	859	6,011	0.01	0	1	0	1
2 1 3 3 1 3 2 2	2	3,003	6,006	0.01	0	0	0	0
2 3 3 2 3 3 1 3	15	400	6,004	0.01	1	0	0	1
1 2 2 2 3 3 1 3	7	857	5,997	0.01	0	0	0	0
3 3 2 2 3 2 2 1	3	1,999	5,997	0.01	1	1	0	2
2 1 3 1 2 3 2 3	11	543	5,977	0.01	0	0	0	0
1 3 2 1 2 2 1 2	4	1,494	5,975	0.01	0	0	0	0
2 2 3 1 5 3 3 4	7	853	5,974	0.01	0	0	0	0
2 5 2 1 2 2 2 1	7	853	5,970	0.01	0	0	0	0
1 2 2 1 4 3 1 3	7	853	5,968	0.01	1	1	0	2
1 6 4 2 3 3 1 2	7	852	5,966	0.01	0	0	0	0
3 3 2 3 2 3 2 2	4	1,489	5,955	0.01	1	1	0	2
1 2 3 1 4 2 3 4	3	1,982	5,946	0.01	1	1	0	2
1 7 2 1 2 3 1 2	5	1,189	5,944	0.01	1	1	0	2
2 3 2 3 4 3 2 3	4	1,486	5,943	0.01	1	0	0	1
4 9 1 1 2 3 1 3	16	371	5,941	0.01	0	0	0	0
2 2 2 2 2 1 2 1	7	849	5,940	0.01	1	1	1	3
1 1 2 2 4 2 1 2	7	845	5,916	0.01	0	0	0	0
5 (12) 1 2 2 3 1 1	2	2,954	5,909	0.01	0	0	0	0
1 5 2 3 2 3 1 3	21	281	5,892	0.01	0	0	0	0
2 5 2 3 1 3 1 3	3	1,964	5,891	0.01	0	0	0	0
2 1 3 3 4 3 1 3	9	653	5,874	0.01	0	0	0	0
3 2 2 1 4 3 2 1	4	1,467	5,866	0.01	1	1	0	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 2 1 4 2 1 2	10	586	5,860	0.01	0	0	0	0
2 1 2 1 3 1 1 2	3	1,952	5,855	0.01	1	1	0	2
2 1 1 1 1 2 1 2	4	1,464	5,854	0.01	1	1	0	2
1 2 2 2 3 3 2 2	5	1,170	5,850	0.01	0	1	1	2
1 1 2 1 2 1 2 2	1	5,830	5,830	0.01	0	0	0	0
4 3 1 2 2 3 2 3	11	530	5,825	0.01	1	1	0	2
1 1 4 1 4 2 1 3	15	388	5,822	0.01	0	0	0	0
2 1 2 3 3 3 2 1	6	969	5,814	0.01	0	0	0	0
3 2 3 1 4 3 3 4	4	1,449	5,796	0.01	1	1	1	3
2 2 2 2 2 3 2 1	10	580	5,796	0.01	1	1	0	2
1 1 2 2 3 1 1 2	3	1,932	5,795	0.01	1	1	0	2
2 1 4 1 4 3 1 2	15	386	5,792	0.01	0	0	0	0
1 3 2 1 3 3 2 1	5	1,156	5,780	0.01	0	0	0	0
2 9 2 1 1 3 1 2	6	963	5,780	0.01	0	0	0	0
2 (12) 2 3 2 2 1 2	8	722	5,776	0.01	1	0	1	2
1 6 3 2 3 3 1 3	8	721	5,770	0.01	0	0	0	0
2 6 4 1 2 3 1 2	8	719	5,754	0.01	0	1	0	1
3 6 1 1 4 2 1 3	9	637	5,737	0.01	1	1	0	2
1 1 4 1 1 3 3 4	15	382	5,735	0.01	0	0	0	0
2 1 3 2 2 3 3 4	6	955	5,732	0.01	0	0	0	0
2 1 1 1 1 3 1 1	7	819	5,731	0.01	0	0	0	0
2 1 3 2 4 2 1 2	10	573	5,731	0.01	0	0	0	0
2 1 3 3 1 2 1 2	4	1,432	5,728	0.01	0	0	0	0
2 6 3 2 2 3 1 3	7	818	5,727	0.01	1	1	0	2
1 3 3 1 5 3 3 4	6	954	5,724	0.01	0	0	1	1
2 2 1 3 1 3 1 3	13	439	5,712	0.01	1	0	0	1
1 2 4 1 3 2 3 4	7	816	5,710	0.01	0	0	0	0
2 2 2 3 4 2 2 1	3	1,903	5,710	0.01	0	0	0	0
2 2 4 2 3 2 1 2	14	408	5,709	0.01	0	0	0	0
1 7 1 3 3 3 2 1	4	1,427	5,708	0.01	1	0	0	1
4 3 1 3 1 3 2 2	12	475	5,701	0.01	1	1	1	3
2 1 3 3 3 3 3 4	13	438	5,690	0.01	0	0	0	0
1 5 3 1 1 3 1 2	10	568	5,683	0.01	0	0	0	0
3 5 2 3 3 3 2 2	5	1,135	5,677	0.01	0	0	0	0
1 1 2 1 2 2 2 3	5	1,135	5,675	0.01	0	0	0	0
2 3 3 3 3 3 1 2	4	1,416	5,665	0.01	1	1	0	2
4 5 1 2 3 2 1 3	7	809	5,664	0.01	0	0	0	0
4 6 1 3 1 3 1 3	10	566	5,663	0.01	1	1	1	3
3 6 2 2 3 3 2 1	5	1,133	5,663	0.01	0	1	0	1
2 1 2 1 2 3 1 1	2	2,823	5,645	0.01	1	1	0	2
1 1 3 1 2 2 2 3	8	705	5,639	0.01	0	0	0	0
2 2 2 3 2 2 2 2	9	626	5,632	0.01	1	1	0	2
1 5 2 1 3 2 1 2	21	268	5,628	0.01	0	0	0	0
1 7 3 1 3 3 2 3	4	1,407	5,627	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 3 2 3 2 2 3	7	804	5,627	0.01	0	0	0	0
1 1 3 1 3 2 1 3	7	804	5,627	0.01	0	0	0	0
3 2 2 3 4 3 1 1	15	375	5,625	0.01	1	0	0	1
1 4 4 1 3 2 1 2	2	2,813	5,625	0.01	0	0	0	0
2 3 2 1 2 2 1 2	4	1,402	5,607	0.01	0	1	0	1
2 5 4 2 3 3 1 2	12	467	5,606	0.01	0	0	0	0
3 3 2 2 3 3 2 3	5	1,121	5,604	0.01	1	0	1	2
1 1 2 2 1 2 2 2	5	1,120	5,602	0.01	0	0	0	0
4 3 2 3 3 2 2 2	9	622	5,600	0.01	1	1	1	3
1 6 2 3 3 3 1 3	2	2,799	5,598	0.01	0	0	0	0
2 2 2 3 4 3 1 2	12	465	5,586	0.01	1	1	1	3
2 1 3 1 5 2 3 4	3	1,862	5,585	0.01	0	0	0	0
2 2 2 1 4 3 2 3	11	506	5,570	0.01	0	0	0	0
2 1 3 2 4 3 2 3	8	695	5,558	0.01	0	0	0	0
4 6 1 2 2 3 1 3	3	1,851	5,552	0.01	1	1	1	3
2 2 3 3 4 2 3 4	4	1,388	5,551	0.01	1	1	0	2
1 6 3 1 3 3 2 3	9	617	5,549	0.01	0	0	0	0
1 2 2 3 3 3 2 3	4	1,387	5,546	0.01	0	0	0	0
1 2 2 2 1 3 1 3	7	792	5,545	0.01	0	0	0	0
2 6 2 1 1 3 1 2	11	504	5,544	0.01	1	1	0	2
2 3 2 2 3 3 1 2	4	1,386	5,543	0.01	0	1	0	1
3 5 2 2 3 2 2 3	14	396	5,542	0.01	0	0	0	0
2 2 4 1 3 2 2 2	8	692	5,539	0.01	0	1	0	1
1 2 3 1 1 3 2 2	3	1,845	5,535	0.01	0	0	0	0
4 5 4 1 2 3 1 2	3	1,845	5,534	0.01	0	0	0	0
3 5 2 3 2 3 2 3	22	252	5,533	0.01	0	0	1	1
3 2 4 2 3 2 1 3	8	690	5,523	0.01	0	1	0	1
1 1 2 2 5 3 3 4	10	552	5,516	0.01	0	0	0	0
3 2 3 2 4 2 3 4	4	1,379	5,515	0.01	0	1	0	1
1 7 3 2 2 3 1 2	8	689	5,514	0.01	0	1	0	1
2 3 2 2 1 3 2 1	4	1,377	5,507	0.01	0	0	0	0
1 1 1 1 3 3 2 3	4	1,375	5,499	0.01	0	0	0	0
2 2 4 2 2 3 1 2	7	785	5,493	0.01	1	0	0	1
1 5 4 1 4 2 1 2	21	261	5,489	0.01	0	0	0	0
2 2 3 1 3 2 1 3	4	1,371	5,485	0.01	0	1	0	1
1 1 2 2 4 3 2 3	7	783	5,484	0.01	0	0	0	0
4 3 2 3 2 2 2 1	3	1,827	5,482	0.01	1	0	0	1
1 2 3 1 4 3 1 2	8	685	5,480	0.01	0	0	0	0
1 5 2 1 4 3 2 3	15	365	5,477	0.01	0	0	0	0
2 3 2 1 3 3 1 2	11	498	5,477	0.01	0	0	0	0
2 1 3 2 3 3 3 4	9	608	5,468	0.01	0	0	0	0
3 6 2 3 1 3 2 3	2	2,733	5,467	0.01	1	1	1	3
2 3 2 2 1 3 2 2	6	910	5,458	0.01	0	0	0	0
1 2 2 1 2 3 2 3	9	606	5,452	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 3 1 3 2 3 1 3	9	606	5,452	0.01	0	1	0	1
3 5 2 1 1 3 1 3	7	779	5,450	0.01	0	0	0	0
1 (13) 1 3 2 3 1 2	2	2,725	5,450	0.01	0	0	0	0
1 4 2 1 3 3 1 2	6	906	5,437	0.01	0	0	0	0
4 3 1 3 3 3 3 4	17	319	5,428	0.01	0	0	1	1
3 2 2 1 4 3 2 3	10	543	5,425	0.01	0	0	0	0
1 1 2 3 4 2 3 4	4	1,355	5,420	0.01	0	0	0	0
1 6 2 1 4 3 2 3	5	1,084	5,420	0.01	0	0	0	0
1 2 2 1 2 1 1 3	1	5,418	5,418	0.01	0	1	0	1
2 5 2 2 4 3 2 2	9	601	5,411	0.01	0	0	0	0
2 3 2 3 1 3 2 3	9	600	5,404	0.01	0	0	0	0
1 1 3 1 1 3 3 4	4	1,349	5,394	0.01	0	0	0	0
1 3 2 2 1 3 1 2	7	770	5,389	0.01	0	0	0	0
3 3 2 2 2 2 1 2	9	596	5,366	0.01	1	1	1	3
1 2 4 2 3 2 1 2	7	766	5,360	0.01	0	0	0	0
3 3 4 2 5 3 3 4	13	412	5,358	0.01	0	0	0	0
2 (12) 2 2 2 3 1 2	1	5,354	5,354	0.01	0	0	0	0
1 1 3 3 3 2 1 3	6	892	5,350	0.01	0	1	0	1
2 2 4 3 4 2 3 4	2	2,668	5,336	0.01	0	1	0	1
3 2 1 2 3 3 1 2	5	1,067	5,336	0.01	1	1	0	2
1 2 4 1 3 2 1 3	8	667	5,334	0.01	0	0	0	0
2 3 3 1 3 2 1 2	7	761	5,330	0.01	0	0	0	0
4 3 1 2 2 3 1 2	21	254	5,330	0.01	1	1	1	3
2 1 3 1 2 2 1 3	3	1,770	5,311	0.01	0	1	0	1
3 2 3 3 5 3 3 4	12	442	5,308	0.01	0	0	0	0
1 1 3 2 1 2 1 2	5	1,061	5,305	0.01	0	0	0	0
2 1 2 3 4 2 2 2	8	663	5,302	0.01	0	0	0	0
1 5 1 1 2 3 2 3	6	883	5,300	0.01	0	0	0	0
1 3 4 3 3 3 3 4	3	1,767	5,300	0.01	0	0	0	0
2 2 2 1 1 3 2 3	5	1,060	5,300	0.01	0	0	0	0
1 1 1 3 3 3 3 4	3	1,767	5,300	0.01	0	0	0	0
1 2 3 2 4 3 3 4	3	1,765	5,295	0.01	0	0	0	0
2 3 3 3 4 3 1 3	13	407	5,293	0.01	1	1	0	2
3 2 2 2 4 3 1 2	15	353	5,293	0.01	0	0	0	0
2 5 2 1 1 3 3 4	12	440	5,284	0.01	0	0	0	0
4 7 1 3 3 3 2 3	5	1,056	5,278	0.01	0	0	0	0
1 5 3 1 3 3 1 3	7	754	5,277	0.01	0	0	0	0
3 2 1 1 3 3 2 2	7	753	5,269	0.01	0	0	1	1
2 2 2 3 2 2 1 2	10	527	5,268	0.01	0	1	0	1
1 7 4 1 4 2 3 4	8	659	5,268	0.01	0	0	0	0
1 2 1 3 5 3 3 4	2	2,629	5,259	0.01	0	0	0	0
6 (13) 3 1 2 3 1 3	7	751	5,255	0.01	0	0	0	0
2 2 2 1 3 3 1 2	14	375	5,254	0.01	0	0	0	0
2 7 4 1 3 3 1 2	7	749	5,242	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 2 2 4 3 2 3	8	654	5,236	0.01	0	0	1	1
2 2 4 1 4 2 1 2	4	1,307	5,228	0.01	1	1	0	2
2 6 3 3 2 3 1 2	3	1,737	5,210	0.01	0	0	0	0
2 3 3 3 3 2 1 2	7	744	5,207	0.01	1	0	0	1
2 2 3 2 3 3 2 2	4	1,300	5,201	0.01	0	0	0	0
3 5 2 2 3 2 1 1	4	1,300	5,199	0.01	0	0	0	0
2 9 2 1 1 3 1 3	5	1,039	5,196	0.01	0	1	1	2
1 7 4 1 3 3 2 2	7	742	5,193	0.01	0	0	0	0
3 5 2 3 1 3 1 3	6	865	5,189	0.01	0	0	0	0
2 2 1 2 2 2 1 3	2	2,592	5,185	0.01	0	0	0	0
3 2 2 2 4 2 2 3	15	346	5,184	0.01	1	1	0	2
1 5 3 1 4 2 3 4	8	648	5,184	0.01	0	0	0	0
4 5 2 1 3 3 1 2	16	323	5,176	0.01	0	0	0	0
2 1 3 3 2 3 2 1	5	1,032	5,160	0.01	1	0	0	1
1 2 2 3 2 3 1 2	2	2,573	5,145	0.01	0	0	0	0
2 3 3 3 1 3 1 2	4	1,286	5,145	0.01	1	1	0	2
2 1 2 3 2 3 2 1	6	857	5,139	0.01	0	0	0	0
2 6 4 1 2 3 2 2	4	1,283	5,132	0.01	1	0	0	1
2 7 2 1 4 3 3 4	8	641	5,127	0.01	1	1	0	2
1 1 4 1 2 3 3 4	5	1,024	5,121	0.01	0	0	0	0
4 5 2 1 4 2 2 3	7	731	5,120	0.01	0	0	0	0
2 1 1 1 1 2 2 3	5	1,024	5,118	0.01	0	0	0	0
4 3 3 3 5 3 3 4	9	568	5,109	0.01	1	1	0	2
5 (12) 2 2 1 3 1 3	6	849	5,096	0.01	0	0	0	0
3 2 2 2 2 3 3 4	11	463	5,092	0.01	1	0	1	2
2 3 3 2 3 2 1 2	4	1,273	5,092	0.01	0	1	0	1
3 3 2 3 3 3 2 3	6	847	5,083	0.01	1	1	0	2
1 2 2 1 1 2 1 2	2	2,541	5,081	0.01	0	1	0	1
1 2 4 3 5 3 3 4	5	1,015	5,076	0.01	0	0	0	0
1 1 3 1 4 2 2 2	14	362	5,072	0.01	0	0	0	0
2 1 4 3 3 3 2 2	4	1,268	5,070	0.01	1	1	0	2
1 2 2 1 2 3 2 1	7	723	5,064	0.01	0	0	0	0
2 3 2 1 3 3 1 3	9	562	5,060	0.01	0	0	0	0
2 2 4 1 3 3 2 2	5	1,011	5,054	0.01	1	1	0	2
2 7 2 1 4 3 2 3	9	561	5,051	0.01	1	1	1	3
1 1 3 2 4 3 2 2	3	1,682	5,047	0.01	0	0	0	0
2 1 1 3 2 3 3 4	1	5,047	5,047	0.01	0	0	0	0
2 1 2 1 3 2 2 1	10	503	5,032	0.01	0	0	0	0
3 2 1 3 3 2 2 3	9	559	5,030	0.01	1	1	1	3
3 5 1 2 2 3 1 2	13	385	5,009	0.01	0	0	0	0
2 6 3 2 4 3 1 3	4	1,252	5,008	0.01	0	0	0	0
3 2 1 3 4 3 2 3	11	454	4,998	0.01	1	1	0	2
3 2 2 2 3 2 2 2	9	555	4,997	0.01	1	1	1	3
6 (13) 2 3 2 3 2 3	2	2,497	4,994	0.01	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 3 4 1 3 3 2 1	9	554	4,987	0.01	0	0	0	0
2 2 4 2 3 3 1 2	8	623	4,984	0.01	0	0	0	0
3 6 2 1 4 3 2 3	7	711	4,979	0.01	1	1	0	2
1 2 2 3 4 2 3 4	2	2,487	4,975	0.01	0	0	0	0
1 5 4 1 4 2 3 4	18	276	4,971	0.01	0	0	0	0
2 1 2 3 1 3 2 1	7	710	4,968	0.01	1	0	0	1
2 1 3 1 2 3 2 1	11	452	4,967	0.01	0	0	0	0
2 7 4 2 4 3 1 3	6	828	4,966	0.01	0	1	0	1
2 5 1 3 4 3 3 4	8	620	4,962	0.01	0	0	0	0
2 2 3 1 4 2 3 4	7	708	4,957	0.01	1	1	0	2
1 2 2 2 1 2 1 2	2	2,478	4,956	0.01	0	1	0	1
1 5 3 1 1 3 2 2	15	330	4,954	0.01	0	0	0	0
2 1 3 2 2 3 2 1	6	826	4,953	0.01	0	0	0	0
1 2 3 1 2 3 1 3	3	1,649	4,948	0.01	0	0	0	0
1 5 2 2 2 3 1 3	11	450	4,948	0.01	0	0	0	0
2 6 2 3 4 2 3 4	1	4,942	4,942	0.01	1	1	0	2
1 1 2 2 1 3 2 3	4	1,235	4,941	0.01	0	0	0	0
2 6 4 2 4 3 3 4	7	704	4,929	0.01	0	0	0	0
1 5 1 1 3 2 2 3	12	410	4,920	0.01	0	0	0	0
3 3 2 2 3 3 2 2	4	1,229	4,917	0.01	0	0	0	0
2 2 2 3 1 2 1 3	6	819	4,915	0.01	1	1	1	3
1 7 2 1 2 2 2 2	4	1,228	4,912	0.01	0	0	0	0
2 6 3 1 2 3 1 2	10	491	4,909	0.01	0	0	0	0
2 3 2 3 2 3 2 3	2	2,454	4,908	0.01	0	0	0	0
2 5 2 1 2 3 3 4	14	350	4,904	0.01	0	0	0	0
1 2 4 2 3 3 1 2	8	609	4,870	0.01	0	0	0	0
1 1 2 3 4 3 2 1	4	1,217	4,869	0.01	0	0	0	0
2 2 4 1 1 3 3 4	9	540	4,860	0.01	1	0	0	1
3 2 2 2 4 2 3 4	4	1,213	4,852	0.01	1	1	1	3
3 2 1 1 2 3 2 1	2	2,422	4,844	0.01	1	1	0	2
5 (13) 2 1 2 2 1 1	4	1,210	4,840	0.01	0	0	0	0
3 2 3 3 3 3 1 2	11	440	4,837	0.01	1	1	1	3
2 5 2 3 4 3 2 1	8	603	4,823	0.01	0	0	0	0
1 2 4 1 3 2 2 3	10	482	4,817	0.01	0	0	0	0
2 2 2 3 2 3 3 4	2	2,406	4,812	0.01	0	0	1	1
4 3 2 2 1 2 2 3	3	1,601	4,804	0.01	1	1	1	3
2 3 2 1 2 3 2 1	6	800	4,798	0.01	0	0	0	0
1 6 2 1 3 3 1 2	6	799	4,794	0.01	0	1	0	1
2 2 1 3 2 3 2 2	5	958	4,791	0.01	0	0	0	0
3 2 2 2 2 2 1 2	8	599	4,789	0.01	0	1	0	1
1 2 3 3 4 2 1 2	2	2,391	4,782	0.01	1	0	0	1
2 1 4 2 1 3 2 2	7	683	4,780	0.01	0	1	0	1
1 1 3 1 5 2 3 4	4	1,194	4,776	0.01	0	0	0	0
1 6 2 2 1 3 1 2	3	1,589	4,767	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 6 4 2 5 3 3 4	4	1,191	4,765	0.01	0	0	0	0
1 2 3 2 2 3 1 2	6	793	4,759	0.01	0	0	0	0
2 7 2 1 3 3 1 3	7	680	4,759	0.01	0	1	0	1
1 6 2 1 4 2 1 3	3	1,586	4,758	0.01	1	1	0	2
2 6 2 2 4 3 1 3	9	527	4,747	0.01	1	0	0	1
1 3 2 1 1 3 2 3	3	1,580	4,740	0.01	0	0	0	0
2 5 3 1 4 3 1 3	10	473	4,734	0.01	0	1	0	1
3 2 3 2 5 3 3 4	8	592	4,733	0.01	0	0	0	0
1 6 2 3 3 2 1 2	7	675	4,724	0.01	0	0	0	0
3 6 1 1 2 3 1 3	2	2,361	4,722	0.01	1	1	0	2
2 2 1 1 1 3 2 2	2	2,359	4,718	0.01	0	0	0	0
2 5 3 2 4 3 1 3	11	429	4,714	0.01	0	0	0	0
1 2 2 1 3 3 2 1	3	1,571	4,713	0.01	0	0	0	0
2 1 3 3 3 2 2 2	5	941	4,704	0.01	0	1	0	1
4 7 1 1 2 3 1 1	9	523	4,704	0.01	1	1	0	2
2 1 2 3 4 3 2 1	6	782	4,694	0.01	1	1	0	2
3 2 2 1 1 2 2 1	5	939	4,693	0.01	1	1	0	2
2 2 3 2 4 2 3 4	5	938	4,690	0.01	0	1	0	1
1 1 3 1 3 3 2 1	7	669	4,685	0.01	0	0	0	0
2 1 1 3 1 3 2 2	3	1,560	4,679	0.01	0	0	0	0
3 7 2 2 3 3 2 1	5	935	4,676	0.01	0	0	0	0
3 3 2 3 3 2 1 3	4	1,168	4,672	0.01	1	1	1	3
2 3 4 1 4 2 1 3	5	930	4,650	0.01	1	0	0	1
4 5 1 2 4 3 1 2	17	273	4,646	0.01	0	0	0	0
1 4 2 1 1 3 3 4	7	663	4,641	0.01	0	0	0	0
1 6 3 1 3 3 1 3	3	1,544	4,633	0.01	0	0	0	0
2 2 2 1 1 3 3 4	5	924	4,619	0.01	1	1	0	2
2 3 4 2 2 3 1 3	8	577	4,615	0.01	0	1	0	1
3 2 2 3 2 3 1 1	9	512	4,608	0.01	1	1	0	2
1 1 4 1 1 3 1 3	6	768	4,605	0.01	0	0	0	0
1 2 4 2 3 3 1 3	8	573	4,588	0.01	0	0	0	0
1 1 4 2 4 3 1 1	8	573	4,587	0.01	0	0	0	0
1 1 3 1 4 3 2 2	12	382	4,587	0.01	0	0	0	0
1 6 2 1 4 2 1 2	3	1,528	4,584	0.01	0	0	0	0
2 5 2 2 2 3 1 2	12	381	4,577	0.01	0	0	0	0
1 1 2 1 4 3 1 1	3	1,524	4,571	0.01	0	0	0	0
2 1 3 1 4 2 2 3	6	762	4,570	0.01	1	0	0	1
3 6 2 2 2 3 2 3	3	1,523	4,569	0.01	1	1	1	3
2 1 4 3 1 2 1 2	5	912	4,558	0.01	0	1	0	1
2 1 3 3 4 2 3 4	4	1,139	4,556	0.01	0	1	0	1
2 7 2 3 4 3 3 4	6	759	4,555	0.01	0	0	1	1
1 3 1 1 2 3 2 1	6	759	4,554	0.01	0	0	0	0
2 6 2 2 3 3 2 3	3	1,516	4,549	0.01	0	0	0	0
1 5 4 3 5 3 3 4	19	239	4,549	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 3 1 1 3 2 2	1	4,533	4,533	0.01	1	0	0	1
3 3 4 2 4 3 3 4	12	377	4,525	0.01	0	0	0	0
3 7 2 1 3 3 2 3	3	1,505	4,515	0.01	1	1	0	2
4 3 2 3 1 3 2 1	6	752	4,513	0.01	0	0	1	1
2 7 2 1 4 3 1 2	18	250	4,507	0.01	0	0	0	0
4 3 1 2 4 2 1 2	1	4,505	4,505	0.01	1	1	1	3
3 5 2 1 4 1 3 4	1	4,498	4,498	0.01	0	0	0	0
2 7 2 2 4 3 2 3	11	409	4,497	0.01	1	1	1	3
4 5 2 3 3 3 1 3	8	562	4,496	0.01	0	1	0	1
6 (13) 1 3 1 3 1 1	3	1,497	4,492	0.01	0	0	0	0
2 3 2 2 2 2 2 2	3	1,496	4,488	0.01	1	0	0	1
1 9 3 1 1 3 1 2	3	1,496	4,487	0.01	0	0	0	0
3 3 2 3 3 2 2 3	6	747	4,480	0.01	1	1	0	2
1 6 2 3 2 3 2 2	3	1,487	4,462	0.01	0	1	0	1
1 5 2 1 2 3 2 1	9	495	4,456	0.01	0	0	0	0
2 3 4 3 2 3 3 4	2	2,226	4,452	0.01	0	0	0	0
2 3 4 3 2 3 1 2	13	342	4,449	0.01	0	1	0	1
2 5 4 1 3 2 1 2	11	404	4,449	0.01	0	1	1	2
2 2 3 1 3 3 2 1	5	887	4,436	0.01	0	0	0	0
1 9 3 2 1 3 1 2	2	2,217	4,434	0.01	0	0	0	0
2 4 2 1 2 3 2 2	1	4,431	4,431	0.01	0	0	0	0
5 (13) 2 2 2 3 1 1	1	4,429	4,429	0.01	0	0	0	0
2 2 1 3 2 3 2 3	3	1,476	4,429	0.01	0	0	0	0
3 5 2 2 4 3 2 3	10	442	4,423	0.01	0	0	0	0
2 1 1 1 2 3 2 2	3	1,474	4,423	0.01	0	0	0	0
2 3 4 3 5 3 3 4	11	402	4,420	0.01	0	1	0	1
3 2 4 2 3 3 1 2	7	630	4,412	0.01	0	0	0	0
5 (13) 2 1 2 3 1 2	2	2,205	4,410	0.01	0	0	0	0
4 7 1 2 3 3 1 3	7	630	4,410	0.01	1	1	0	2
4 6 2 2 1 3 1 3	6	735	4,409	0.01	1	1	0	2
4 7 2 3 1 3 1 3	6	735	4,408	0.01	1	1	0	2
1 (12) 2 1 2 3 1 1	4	1,102	4,407	0.01	1	1	0	2
2 2 2 2 3 3 2 1	10	440	4,405	0.01	0	0	0	0
2 5 4 2 5 3 3 4	3	1,468	4,405	0.01	0	0	0	0
1 4 2 2 1 3 1 2	2	2,201	4,402	0.01	0	0	0	0
4 5 2 3 4 2 1 1	19	232	4,401	0.01	0	1	1	2
3 2 2 3 3 2 2 2	15	293	4,400	0.01	1	1	0	2
3 2 4 2 4 3 3 4	10	439	4,389	0.01	0	0	0	0
1 5 2 1 2 3 2 2	9	487	4,379	0.01	0	0	0	0
2 3 4 2 3 3 1 3	9	486	4,375	0.01	0	0	0	0
1 2 3 3 3 3 1 2	4	1,094	4,375	0.01	0	0	0	0
2 6 2 2 3 2 3	8	547	4,373	0.01	0	0	0	0
2 2 2 1 5 3 3 4	6	726	4,358	0.01	0	0	0	0
1 (12) 2 2 2 3 1 1	3	1,452	4,356	0.01	0	0	0	0

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2 6 2 3 3 3 1 2	7	622	4,354	0.01	0	0	0	0
2 1 4 2 2 2 1 2	7	621	4,346	0.01	1	0	0	1
1 7 4 1 3 3 3 4	8	543	4,345	0.01	0	0	0	0
2 3 3 2 3 3 2 3	5	869	4,344	0.01	0	0	0	0
2 2 1 2 2 3 2 3	7	620	4,342	0.01	0	0	0	0
3 6 1 1 4 2 2 3	10	434	4,336	0.01	1	0	0	1
1 1 3 3 1 2 1 2	3	1,445	4,335	0.01	0	0	0	0
6 2 2 1 1 3 1 1	5	867	4,334	0.01	0	0	0	0
2 3 2 1 4 3 2 3	6	722	4,334	0.01	0	1	0	1
3 5 2 2 3 2 1 2	18	241	4,334	0.01	0	0	1	1
4 5 2 1 1 3 2 2	9	481	4,333	0.01	0	0	0	0
3 5 1 3 3 3 2 2	15	289	4,328	0.01	0	0	0	0
1 2 1 1 2 3 2 2	2	2,161	4,323	0.01	0	0	0	0
3 6 2 3 2 3 2 3	6	720	4,317	0.01	0	0	1	1
4 9 1 3 1 3 1 3	4	1,077	4,307	0.01	0	1	0	1
4 7 2 3 1 2 1 3	6	718	4,307	0.01	1	1	0	2
1 1 3 2 2 3 1 3	6	717	4,305	0.01	0	0	0	0
3 3 2 3 1 2 1 3	4	1,076	4,304	0.01	0	0	0	0
2 1 4 1 1 3 2 3	7	614	4,301	0.01	0	0	0	0
1 3 4 2 2 3 1 3	4	1,075	4,299	0.01	0	0	1	1
2 1 3 2 2 2 2 3	4	1,074	4,297	0.01	1	1	0	2
4 3 1 2 1 3 2 2	6	716	4,296	0.01	0	0	1	1
2 6 4 3 3 3 1 2	6	716	4,296	0.01	0	0	0	0
2 6 4 2 4 3 1 3	5	858	4,290	0.01	0	0	0	0
1 1 3 2 4 2 2 3	5	858	4,288	0.01	0	0	0	0
3 2 1 3 3 3 1 2	7	612	4,282	0.01	0	0	0	0
3 5 2 3 4 2 3 4	7	611	4,274	0.01	0	0	0	0
1 (12) 1 1 2 3 1 3	2	2,131	4,263	0.01	0	0	0	0
2 3 2 3 3 3 2 3	9	474	4,262	0.01	0	0	0	0
1 3 2 1 4 3 3 4	3	1,420	4,259	0.01	0	0	0	0
2 (12) 2 1 2 3 1 2	2	2,122	4,243	0.01	0	0	0	0
2 1 3 1 1 2 1 2	7	606	4,243	0.01	0	0	0	0
2 3 3 3 2 3 2 2	4	1,059	4,237	0.01	0	1	0	1
2 2 3 3 3 2 1 2	5	847	4,236	0.01	0	0	0	0
2 2 1 1 1 2 1 2	3	1,411	4,233	0.01	0	0	0	0
3 5 2 3 2 3 2 2	20	212	4,233	0.01	0	0	0	0
2 3 1 1 2 3 1 2	6	705	4,230	0.01	0	0	0	0
3 3 2 1 3 3 2 3	6	705	4,230	0.01	0	0	0	0
2 3 2 2 4 3 1 1	7	604	4,226	0.01	1	0	0	1
1 2 3 3 4 3 3 4	6	704	4,222	0.01	0	0	0	0
2 5 4 1 3 3 1 3	13	324	4,218	0.01	0	0	0	0
3 3 2 2 4 2 2 3	9	469	4,218	0.01	1	1	0	2
3 3 3 3 4 3 3 4	5	844	4,218	0.01	1	1	0	2
1 2 3 1 3 3 1 2	6	703	4,217	0.01	0	0	0	0

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2 6 3 2 4 3 3 4	6	703	4,217	0.01	0	1	0	1
2 2 2 2 4 2 3 4	6	703	4,217	0.01	1	0	0	1
2 1 2 1 2 1 1 3	2	2,107	4,213	0.01	0	0	0	0
1 4 4 1 1 3 3 4	2	2,107	4,213	0.01	0	0	0	0
3 3 1 3 3 3 2 2	1	4,212	4,212	0.01	1	0	0	1
2 2 2 1 4 2 3 4	4	1,053	4,212	0.01	0	0	1	1
1 5 3 1 4 3 1 3	10	421	4,208	0.01	0	0	0	0
1 4 1 1 1 3 1 1	4	1,052	4,206	0.01	0	0	0	0
1 3 4 1 4 2 3 4	3	1,402	4,206	0.01	0	0	0	0
2 9 2 1 2 3 1 3	9	467	4,205	0.01	0	1	0	1
1 7 2 1 3 3 2 3	3	1,398	4,193	0.01	0	0	0	0
2 7 2 1 3 2 2 1	5	838	4,191	0.01	1	0	0	1
2 2 3 2 2 3 3 4	3	1,397	4,190	0.01	0	1	0	1
1 7 3 1 4 3 1 2	11	380	4,180	0.01	0	0	0	0
3 5 2 1 4 2 3 4	6	696	4,175	0.01	0	0	0	0
3 3 2 2 2 2 2 1	2	2,086	4,172	0.01	1	0	1	2
2 6 2 1 4 2 1 3	5	834	4,168	0.01	0	0	0	0
1 1 3 2 4 3 2 3	7	594	4,158	0.01	1	1	0	2
1 7 2 1 1 2 2 3	4	1,039	4,157	0.01	0	0	0	0
1 6 3 2 3 3 2 3	6	692	4,153	0.01	0	0	0	0
1 1 4 2 4 2 1 2	6	691	4,144	0.01	0	0	0	0
3 3 2 1 4 3 3 4	6	690	4,140	0.01	1	0	1	2
3 2 2 2 2 3 2 2	16	259	4,138	0.01	1	1	1	3
3 5 2 2 3 3 2 2	14	295	4,132	0.01	0	0	0	0
3 7 2 3 3 3 1 1	4	1,032	4,129	0.01	0	0	0	0
2 3 3 1 2 3 2 1	7	589	4,126	0.01	0	0	0	0
1 1 4 2 5 2 3 4	2	2,061	4,123	0.01	0	0	0	0
2 7 2 2 4 3 3 4	8	515	4,119	0.01	0	0	0	0
1 3 4 2 3 3 1 1	4	1,030	4,119	0.01	0	0	0	0
2 2 1 2 2 2 1 2	2	2,051	4,102	0.01	0	0	0	0
2 6 2 1 4 3 1 2	7	585	4,097	0.01	0	0	0	0
1 7 2 1 4 3 2 3	7	585	4,094	0.01	0	0	0	0
1 3 4 1 2 3 3 4	2	2,043	4,087	0.01	0	0	0	0
1 4 2 1 3 3 2 2	7	583	4,084	0.01	0	0	0	0
1 1 4 2 4 2 1 3	2	2,038	4,075	0.01	0	0	0	0
1 3 4 1 4 3 2 3	4	1,019	4,075	0.01	0	0	0	0
2 1 4 3 3 3 1 3	7	582	4,074	0.01	0	0	0	0
1 1 3 2 1 2 2 2	5	814	4,070	0.01	1	0	0	1
1 7 2 3 1 3 1 3	4	1,018	4,070	0.01	0	1	0	1
1 3 1 1 2 3 1 3	7	581	4,069	0.01	1	1	0	2
1 2 2 3 3 3 2 2	4	1,017	4,068	0.01	0	0	0	0
3 6 2 3 2 3 1 2	4	1,016	4,066	0.01	1	1	0	2
2 2 3 2 3 3 2 1	3	1,355	4,065	0.01	0	1	0	1
3 5 2 3 4 3 1 1	5	813	4,064	0.01	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 1 1 3 3 2 3	7	580	4,059	0.01	0	0	0	0
4 7 1 3 4 3 3 4	3	1,352	4,055	0.01	0	0	0	0
2 1 2 2 1 3 3 4	10	404	4,045	0.01	0	0	0	0
2 1 3 3 2 3 3 4	2	2,022	4,044	0.01	0	1	0	1
3 6 2 2 4 3 1 3	4	1,011	4,044	0.01	0	0	0	0
1 9 3 1 1 3 1 3	2	2,020	4,040	0.01	0	0	0	0
2 7 4 2 3 3 1 3	4	1,010	4,039	0.01	1	0	0	1
2 6 4 1 2 3 3 4	1	4,029	4,029	0.01	0	0	0	0
2 3 3 2 1 3 2 1	5	806	4,029	0.01	0	1	0	1
2 2 2 2 5 3 3 4	5	806	4,029	0.01	0	1	0	1
1 1 4 3 2 3 2 1	2	2,014	4,028	0.01	0	0	0	0
2 3 2 1 2 3 2 2	4	1,006	4,025	0.01	0	0	0	0
4 3 1 1 1 3 2 2	12	335	4,022	0.01	1	0	1	2
1 6 2 1 3 3 2 1	5	804	4,019	0.01	0	0	0	0
2 2 3 3 3 3 1 2	6	670	4,018	0.01	0	0	0	0
1 6 4 1 3 3 2 2	5	803	4,015	0.01	0	0	0	0
1 7 4 1 1 3 2 2	8	501	4,011	0.01	0	0	0	0
2 2 2 2 1 3 2 2	2	2,003	4,007	0.01	0	0	0	0
4 9 1 1 2 3 2 3	12	333	3,996	0.01	1	0	0	1
1 1 1 3 5 2 3 4	2	1,998	3,995	0.01	0	0	0	0
1 7 4 1 3 3 1 3	9	444	3,992	0.01	0	0	0	0
1 (13) 2 1 2 3 1 2	5	798	3,992	0.01	0	0	0	0
4 3 1 2 3 2 1 3	2	1,995	3,991	0.01	1	0	0	1
1 1 1 2 1 2 2 2	4	997	3,989	0.01	0	0	0	0
1 1 4 1 1 2 1 2	3	1,328	3,984	0.01	0	0	0	0
2 2 1 3 4 2 2 1	3	1,328	3,983	0.01	1	1	0	2
3 5 4 1 4 3 3 4	4	995	3,981	0.01	0	0	0	0
1 3 1 3 4 3 1 3	3	1,326	3,977	0.01	0	0	0	0
3 2 2 2 1 2 2 3	1	3,977	3,977	0.01	0	1	0	1
1 (12) 1 1 2 3 1 1	1	3,971	3,971	0.01	0	0	0	0
2 5 4 2 3 3 1 3	5	794	3,971	0.01	0	0	0	0
2 5 3 1 4 2 3 4	13	305	3,960	0.01	0	0	0	0
4 3 2 3 3 2 1 2	11	360	3,960	0.01	0	0	0	0
3 3 2 1 2 3 1 3	8	495	3,958	0.01	1	1	0	2
1 6 4 2 4 3 1 3	4	989	3,957	0.01	0	0	0	0
1 2 2 2 4 2 2 1	2	1,971	3,943	0.01	1	0	0	1
1 1 1 3 4 3 3 4	5	789	3,943	0.01	0	0	0	0
2 6 3 1 3 2 2 1	1	3,940	3,940	0.01	0	0	0	0
1 1 1 1 4 3 3 4	4	984	3,937	0.01	0	0	0	0
2 7 2 3 3 3 1 2	4	983	3,933	0.01	1	1	0	2
2 2 2 3 4 2 1 3	8	492	3,932	0.01	0	0	0	0
3 5 2 2 4 3 1 1	11	357	3,932	0.01	0	0	0	0
2 3 2 3 2 2 1 2	10	393	3,929	0.01	0	1	0	1
4 5 1 3 1 3 2 1	4	982	3,927	0.01	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 3 4 2 1 3 2 2	5	785	3,927	0.01	0	0	0	0
4 5 4 1 4 3 1 3	1	3,926	3,926	0.01	0	0	0	0
4 3 4 2 4 3 3 4	14	280	3,926	0.01	0	0	0	0
2 4 2 2 1 3 1 2	2	1,962	3,924	0.01	0	0	0	0
4 3 4 2 5 3 3 4	16	245	3,923	0.01	0	0	0	0
1 5 4 1 4 3 2 3	12	326	3,917	0.01	0	0	0	0
3 2 3 1 2 3 1 3	5	783	3,915	0.01	1	1	0	2
1 3 4 1 2 3 2 2	2	1,956	3,912	0.01	0	0	0	0
2 3 2 3 4 3 2 1	7	558	3,909	0.01	0	0	0	0
2 5 4 1 2 3 3 4	6	651	3,905	0.01	0	0	0	0
3 2 2 2 2 1 2 1	5	780	3,901	0.01	0	1	0	1
2 1 2 2 1 2 1 3	4	974	3,896	0.01	0	0	1	1
1 2 4 1 4 2 1 2	3	1,299	3,896	0.01	0	0	0	0
4 6 1 3 4 3 2 3	1	3,893	3,893	0.01	1	0	1	2
2 3 4 2 4 3 1 1	17	229	3,889	0.01	0	0	0	0
2 3 2 2 2 2 2 1	4	970	3,880	0.01	0	0	0	0
3 3 4 1 4 3 3 4	2	1,936	3,872	0.01	0	0	0	0
1 7 2 1 3 3 1 3	3	1,291	3,872	0.01	0	0	0	0
2 3 3 3 3 3 1 3	4	967	3,870	0.01	0	1	0	1
6 (13) 1 1 2 3 2 3	5	773	3,863	0.01	0	0	0	0
1 5 1 1 3 3 1 2	7	550	3,853	0.01	0	0	0	0
4 5 2 1 4 2 2 1	3	1,284	3,851	0.01	0	0	1	1
2 3 3 3 3 3 2 1	3	1,284	3,851	0.01	0	0	0	0
3 3 2 3 3 3 1 2	8	481	3,850	0.01	0	1	0	1
1 3 4 2 3 3 2 2	4	961	3,845	0.01	0	0	0	0
2 6 2 1 2 2 2 1	1	3,841	3,841	0.01	1	1	0	2
1 6 2 1 1 3 1 2	2	1,919	3,838	0.01	0	0	0	0
3 3 1 2 2 3 1 3	3	1,279	3,837	0.01	1	1	1	3
1 5 2 1 4 3 1 3	5	765	3,827	0.01	0	0	0	0
2 6 4 1 3 3 3 4	3	1,275	3,824	0.01	0	0	0	0
3 2 3 2 2 3 3 4	2	1,911	3,822	0.01	0	1	0	1
2 5 2 2 4 3 1 2	17	224	3,816	0.01	0	0	0	0
2 2 4 1 3 3 2 3	10	381	3,813	0.01	0	0	0	0
1 5 3 1 4 3 2 3	13	293	3,813	0.01	0	0	0	0
1 6 3 1 3 2 1 3	3	1,271	3,812	0.01	0	0	0	0
4 7 1 2 2 3 1 3	5	762	3,810	0.01	0	1	1	2
2 2 3 2 2 3 2 1	6	634	3,805	0.01	1	1	0	2
6 (12) 2 2 1 3 1 2	1	3,803	3,803	0.01	0	0	0	0
3 7 2 3 2 3 1 2	13	292	3,800	0.01	1	0	0	1
2 6 2 1 2 3 1 3	3	1,267	3,800	0.01	1	0	1	2
2 6 2 3 3 3 2 1	1	3,797	3,797	0.01	0	0	0	0
4 3 3 1 2 3 2 1	5	759	3,796	0.01	0	1	0	1
1 1 3 3 4 2 1 2	6	632	3,794	0.01	0	0	0	0
2 2 3 1 3 3 3 4	7	542	3,794	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 2 3 1 3 2 1	3	1,263	3,790	0.01	1	0	1	2
3 2 4 1 4 3 1 3	15	253	3,789	0.01	0	0	0	0
1 1 2 3 2 2 2 3	4	947	3,788	0.01	1	1	1	3
2 6 4 1 3 3 1 3	8	472	3,777	0.01	0	0	1	1
2 7 3 1 4 3 1 2	2	1,886	3,773	0.01	0	0	0	0
3 5 2 2 4 3 2 1	6	629	3,772	0.01	0	0	0	0
3 2 4 2 5 3 3 4	9	419	3,772	0.01	0	0	0	0
1 5 2 2 3 3 2 3	10	377	3,770	0.01	0	0	0	0
1 5 2 1 3 3 2 2	9	419	3,769	0.01	0	0	0	0
2 3 2 1 3 3 2 1	3	1,255	3,765	0.01	0	1	0	1
1 3 1 1 2 3 1 2	1	3,765	3,765	0.01	0	0	0	0
2 1 4 2 1 2 1 2	5	753	3,764	0.01	0	0	0	0
2 2 4 1 4 3 2 3	6	627	3,763	0.01	1	1	0	2
1 7 2 1 2 3 1 1	1	3,761	3,761	0.01	0	0	0	0
2 2 3 2 4 3 1 2	4	938	3,753	0.01	0	0	0	0
3 2 2 1 1 3 2 3	4	938	3,752	0.01	0	0	1	1
2 3 2 1 2 2 2 3	2	1,875	3,750	0.01	1	1	0	2
1 1 2 3 4 1 1 2	4	937	3,747	0.01	0	0	0	0
2 6 3 3 1 3 1 2	3	1,248	3,743	0.01	0	0	0	0
1 2 1 1 1 3 1 2	1	3,731	3,731	0.01	0	0	0	0
1 2 2 1 3 2 1 2	5	746	3,730	0.01	0	1	0	1
3 5 2 1 4 3 2 2	15	249	3,729	0.01	0	0	0	0
2 7 1 3 4 2 2 1	5	745	3,725	0.01	1	1	0	2
1 5 2 3 4 3 1 2	18	207	3,718	0.01	0	0	0	0
1 5 2 1 1 3 3 4	2	1,859	3,717	0.01	0	0	0	0
1 3 4 2 5 3 1 1	6	618	3,708	0.01	0	0	0	0
2 6 3 2 4 2 1 2	2	1,854	3,708	0.01	0	0	0	0
2 9 3 2 1 2 1 2	2	1,854	3,707	0.01	0	0	0	0
1 7 3 1 1 3 2 2	3	1,235	3,704	0.01	1	1	0	2
2 2 2 1 4 3 1 1	1	3,703	3,703	0.01	0	0	0	0
3 5 4 1 4 3 1 2	5	740	3,699	0.01	0	0	0	0
2 2 1 3 4 3 1 3	3	1,233	3,698	0.01	0	0	0	0
2 3 4 2 3 2 1 2	4	925	3,698	0.01	1	1	0	2
3 3 2 1 2 2 2 1	3	1,233	3,698	0.01	1	1	0	2
2 3 4 1 2 3 3 4	7	528	3,695	0.01	0	1	0	1
2 7 2 2 3 3 2 3	9	410	3,694	0.01	0	1	0	1
2 7 4 1 1 3 1 2	5	739	3,693	0.01	0	0	0	0
3 2 1 3 2 2 1 1	3	1,231	3,692	0.01	1	1	0	2
2 2 3 3 3 3 1 3	5	738	3,690	0.01	0	0	0	0
3 2 4 2 4 3 1 3	5	737	3,687	0.01	0	0	0	0
2 5 3 1 1 3 1 3	8	460	3,683	0.01	0	0	0	0
3 7 2 3 4 2 2 3	1	3,675	3,675	0.01	0	0	0	0
3 7 2 2 2 3 2 3	5	734	3,668	0.01	0	0	1	1
2 1 1 1 2 2 1 3	5	732	3,661	0.01	1	1	1	3

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4 6 1 2 2 3 2 3	4	915	3,661	0.01	1	0	1	2
1 4 1 1 2 3 2 3	1	3,657	3,657	0.01	0	0	0	0
2 3 4 1 3 3 3 4	9	406	3,657	0.01	0	0	0	0
2 3 2 2 3 3 1 1	3	1,218	3,655	0.01	0	1	0	1
2 3 2 1 4 3 2 1	8	456	3,651	0.01	1	0	0	1
2 3 2 1 4 2 2 1	7	521	3,649	0.01	0	0	0	0
3 3 1 3 3 3 2 3	4	911	3,645	0.01	1	0	1	2
1 5 4 1 3 3 1 3	14	260	3,643	0.01	0	0	0	0
2 2 4 2 3 3 1 3	6	607	3,639	0.01	0	0	0	0
1 5 3 1 2 3 2 2	6	606	3,637	0.01	0	0	0	0
1 6 4 1 3 2 1 2	3	1,211	3,634	0.01	0	0	0	0
4 3 2 3 5 3 1 1	11	330	3,631	0.01	0	0	0	0
2 5 2 3 3 3 2 1	5	726	3,631	0.01	0	0	0	0
3 3 2 2 1 3 2 3	4	904	3,616	0.01	0	0	0	0
1 2 4 2 4 3 1 2	8	452	3,613	0.01	0	0	0	0
1 7 3 2 3 3 2 3	5	722	3,610	0.01	0	0	0	0
2 1 4 2 1 3 3 4	5	722	3,608	0.01	0	0	0	0
2 5 2 1 3 2 2 1	13	277	3,607	0.01	0	0	1	1
3 7 1 3 3 3 2 3	1	3,605	3,605	0.01	1	0	1	2
4 5 1 2 1 3 2 1	3	1,201	3,602	0.01	0	0	0	0
1 7 4 2 4 2 3 4	4	899	3,595	0.01	0	0	0	0
1 4 3 1 3 3 1 3	4	897	3,589	0.01	0	0	0	0
1 5 3 1 4 2 1 2	22	163	3,580	0.01	0	0	0	0
2 1 3 2 4 3 2 2	4	895	3,580	0.01	0	0	0	0
3 3 1 1 2 3 2 3	1	3,579	3,579	0.01	1	1	0	2
2 2 3 3 3 3 2 2	3	1,192	3,575	0.01	0	1	0	1
1 6 4 1 3 3 1 3	8	447	3,574	0.01	0	0	0	0
1 2 1 2 1 3 1 1	2	1,784	3,568	0.01	0	0	0	0
1 1 3 2 5 2 3 4	1	3,562	3,562	0.01	0	0	0	0
1 1 1 1 2 3 2 3	4	889	3,556	0.01	0	0	0	0
1 7 2 1 3 3 2 1	2	1,777	3,555	0.01	0	0	0	0
4 7 1 1 2 3 2 2	3	1,184	3,553	0.01	0	0	0	0
2 3 4 1 2 2 1 2	7	508	3,553	0.01	1	1	0	2
1 1 2 2 2 1 2 3	7	508	3,553	0.01	1	0	0	1
4 3 2 1 2 3 2 3	3	1,183	3,550	0.01	1	1	0	2
1 2 2 3 4 3 1 2	7	507	3,548	0.01	0	0	0	0
3 5 2 2 2 3 1 3	11	322	3,546	0.01	0	0	0	0
2 3 2 3 3 2 2 2	1	3,545	3,545	0.01	1	1	0	2
4 3 2 2 4 2 1 2	1	3,541	3,541	0.01	1	1	0	2
3 2 4 1 4 3 3 4	11	322	3,538	0.01	0	0	0	0
2 2 4 3 1 3 1 2	4	884	3,538	0.01	0	0	0	0
4 3 1 3 2 3 2 2	14	253	3,536	0.01	0	0	0	0
1 7 1 1 1 3 1 2	1	3,532	3,532	0.01	0	0	0	0
2 2 2 2 4 3 2 2	6	588	3,528	0.01	0	0	0	0

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1 3 4 1 3 3 2 3	6	588	3,527	0.01	0	0	0	0
3 3 2 1 2 3 2 3	6	587	3,523	0.01	1	1	0	2
2 6 3 2 2 3 2 2	2	1,761	3,522	0.01	1	1	0	2
2 1 3 1 2 1 2 3	4	880	3,518	0.01	1	0	0	1
1 9 3 3 1 3 1 2	1	3,518	3,518	0.01	0	0	0	0
1 5 2 1 3 2 2 2	6	586	3,516	0.01	0	0	0	0
1 1 1 2 1 2 2 3	1	3,512	3,512	0.01	0	0	0	0
2 3 3 1 4 2 1 2	1	3,512	3,512	0.01	0	0	0	0
1 1 2 3 1 2 1 3	2	1,756	3,511	0.01	0	0	0	0
4 3 1 2 3 2 2 3	1	3,510	3,510	0.01	1	1	1	3
1 1 2 2 2 3 1 1	4	877	3,508	0.01	0	0	0	0
1 1 3 3 3 3 3 4	1	3,508	3,508	0.01	0	0	0	0
2 1 1 1 2 1 2 3	2	1,753	3,507	0.01	0	0	0	0
1 1 3 3 1 3 2 2	2	1,753	3,505	0.01	0	0	0	0
4 7 1 1 2 3 2 1	7	500	3,501	0.01	1	1	1	3
1 6 4 3 5 3 3 4	4	874	3,497	0.01	0	0	0	0
1 1 2 2 2 3 2 3	3	1,165	3,496	0.01	0	0	0	0
3 3 2 3 3 3 2 2	1	3,490	3,490	0.01	0	1	1	2
3 2 4 3 3 2 1 3	4	872	3,488	0.01	1	1	0	2
1 3 3 1 3 3 1 2	6	581	3,485	0.01	0	0	0	0
1 1 2 3 5 2 3 4	2	1,741	3,483	0.01	0	0	0	0
1 3 1 3 1 3 2 3	3	1,159	3,476	0.01	0	0	0	0
3 3 4 2 2 3 1 2	5	695	3,475	0.01	1	1	1	3
2 2 2 1 1 2 2 3	5	695	3,475	0.01	0	0	0	0
1 6 2 1 2 3 2 2	3	1,158	3,473	0.01	0	0	0	0
1 7 3 1 3 3 1 3	4	868	3,470	0.01	0	0	0	0
2 5 4 2 5 2 3 4	5	692	3,458	0.01	0	0	0	0
3 6 1 2 2 3 2 3	6	576	3,456	0.01	0	0	0	0
2 2 3 1 3 3 2 2	7	493	3,451	0.01	0	1	0	1
2 2 4 1 3 2 2 3	5	690	3,448	0.01	1	1	0	2
3 3 2 3 2 3 2 1	6	575	3,448	0.01	1	0	0	1
1 5 2 2 3 3 2 1	9	383	3,447	0.01	0	0	0	0
3 5 2 3 2 3 1 3	8	431	3,446	0.01	0	0	0	0
2 2 3 3 4 2 1 3	5	689	3,443	0.01	0	1	0	1
2 5 2 3 3 2 1 2	8	430	3,441	0.01	0	0	0	0
2 2 2 2 1 2 2 2	2	1,715	3,430	0.01	1	0	0	1
1 2 3 1 5 3 3 4	3	1,143	3,429	0.01	0	0	0	0
2 3 4 2 1 3 1 2	2	1,714	3,429	0.01	0	0	0	0
1 3 2 2 3 3 2 2	3	1,141	3,422	0.01	0	0	0	0
3 7 2 3 2 3 2 3	4	856	3,422	0.01	0	1	1	2
2 1 4 1 2 2 2 3	4	855	3,418	0.01	0	0	0	0
2 5 4 2 4 3 2 1	4	854	3,415	0.01	0	0	0	0
3 6 1 1 2 3 2 3	1	3,415	3,415	0.01	1	1	0	2
2 2 3 3 5 3 3 4	6	569	3,414	0.01	1	0	0	1

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1 3 4 3 3 3 1 1	1	3,412	3,412	0.01	0	0	0	0
3 3 2 3 4 3 2 3	3	1,137	3,412	0.01	1	0	0	1
3 6 2 1 4 3 1 3	6	568	3,411	0.01	0	0	0	0
2 2 4 2 3 3 2 1	3	1,137	3,410	0.01	0	0	0	0
1 6 2 1 2 3 1 3	7	487	3,408	0.01	0	1	0	1
1 3 3 2 2 3 2 1	2	1,698	3,395	0.01	0	0	0	0
4 3 2 2 1 3 1 2	11	308	3,390	0.01	0	0	1	1
3 2 2 3 5 3 1 1	4	847	3,389	0.01	0	0	0	0
2 7 4 1 4 3 3 4	12	282	3,387	0.01	0	1	0	1
1 7 4 3 5 3 3 4	7	482	3,377	0.01	0	0	0	0
2 2 2 3 4 3 2 2	4	842	3,370	0.01	1	0	0	1
1 3 2 3 1 3 2 3	4	839	3,355	0.01	0	0	0	0
3 2 4 2 4 2 3 4	5	671	3,355	0.01	0	0	0	0
2 2 4 1 2 3 3 4	3	1,118	3,353	0.01	1	1	0	2
2 3 4 1 3 3 2 1	6	558	3,346	0.01	1	0	0	1
3 2 2 1 2 2 1 1	6	558	3,345	0.01	1	1	0	2
2 1 2 1 1 1 2 2	2	1,672	3,345	0.01	0	0	0	0
1 1 1 1 2 2 2 1	2	1,672	3,344	0.01	0	0	0	0
2 2 2 2 2 1 2 3	4	836	3,343	0.01	1	0	0	1
2 5 2 1 4 2 1 2	14	238	3,333	0.01	0	0	0	0
2 3 3 2 5 3 3 4	4	833	3,333	0.01	0	0	0	0
2 7 2 2 4 3 1 3	6	555	3,332	0.01	0	0	0	0
1 7 3 1 3 3 2 1	5	666	3,329	0.01	0	0	0	0
1 1 2 3 4 1 2 3	3	1,109	3,328	0.01	0	0	0	0
2 3 3 3 3 2 1 3	7	475	3,328	0.01	0	0	0	0
2 6 3 1 2 2 1 2	2	1,662	3,325	0.01	1	1	0	2
1 5 2 3 3 3 2 1	8	415	3,324	0.01	0	0	0	0
3 3 2 2 1 3 2 2	3	1,108	3,324	0.01	0	0	1	1
1 3 2 3 1 3 1 3	4	831	3,323	0.01	0	0	0	0
2 3 3 3 3 3 2 2	2	1,660	3,321	0.01	1	1	0	2
2 6 2 1 2 2 1 3	2	1,660	3,320	0.01	1	1	1	3
1 1 3 3 4 3 2 3	6	553	3,320	0.01	0	0	0	0
3 3 4 3 2 3 1 3	3	1,104	3,312	0.01	1	1	0	2
1 3 4 2 4 3 2 1	2	1,653	3,307	0.01	0	0	0	0
2 1 2 3 3 2 2 1	3	1,100	3,301	0.01	0	0	0	0
1 7 3 2 3 3 2 2	2	1,650	3,300	0.01	0	0	0	0
1 1 3 2 4 2 1 3	5	659	3,297	0.01	0	0	0	0
1 9 2 2 1 2 1 3	4	824	3,297	0.01	0	0	0	0
2 1 2 3 1 3 3 4	6	549	3,295	0.01	1	0	0	1
2 6 3 1 4 2 1 2	2	1,646	3,293	0.01	0	0	0	0
4 5 1 2 4 3 2 2	7	470	3,291	0.01	0	0	0	0
1 1 4 3 2 3 1 2	2	1,642	3,283	0.01	0	0	0	0
2 3 4 3 3 3 1 2	5	656	3,282	0.01	1	0	0	1
2 7 2 2 4 3 2 1	5	656	3,281	0.01	1	1	0	2

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 3 4 3 3 3 1 3	9	364	3,280	0.01	0	0	0	0
2 3 1 2 5 3 1 1	6	546	3,278	0.01	0	0	0	0
1 2 2 2 4 3 1 3	4	819	3,276	0.01	1	0	0	1
1 3 2 2 4 3 1 2	4	819	3,275	0.01	0	0	0	0
2 5 2 3 5 3 3 4	5	655	3,273	0.01	0	0	0	0
1 6 3 2 4 3 2 3	1	3,273	3,273	0.01	1	1	0	2
1 3 2 1 2 3 2 1	3	1,091	3,272	0.01	0	0	0	0
4 3 4 3 4 3 3 4	2	1,631	3,263	0.01	0	0	0	0
3 3 1 3 2 3 1 2	11	296	3,260	0.01	1	1	1	3
4 3 2 1 2 1 2 1	3	1,086	3,259	0.01	1	0	0	1
2 1 4 1 1 2 1 2	7	466	3,259	0.01	0	0	0	0
2 3 2 2 4 3 2 1	7	465	3,257	0.01	1	0	0	1
2 1 1 3 1 2 1 3	5	651	3,256	0.01	1	1	0	2
3 7 2 3 4 3 3 4	4	813	3,252	0.01	0	0	1	1
2 1 3 2 1 3 2 1	5	649	3,247	0.01	1	1	0	2
1 5 2 2 3 2 2 2	8	406	3,245	0.01	0	0	0	0
1 3 4 2 2 3 3 4	1	3,244	3,244	0.01	0	0	0	0
2 2 2 1 3 2 1 3	5	648	3,241	0.01	0	0	0	0
3 3 3 2 3 3 1 2	2	1,620	3,240	0.01	0	0	1	1
1 5 1 1 4 3 3 4	10	323	3,235	0.01	0	0	0	0
5 9 1 3 2 3 1 3	13	248	3,229	0.01	0	0	0	0
1 1 2 3 3 3 1 3	3	1,076	3,227	0.01	0	0	0	0
1 9 3 1 3 3 1 2	2	1,613	3,226	0.01	0	0	0	0
1 2 4 2 2 3 1 2	5	643	3,216	0.01	0	0	0	0
1 1 1 1 1 2 2 3	2	1,607	3,214	0.01	0	0	0	0
2 2 2 3 4 2 2 3	4	803	3,211	0.01	0	1	0	1
2 3 4 1 4 2 3 4	4	802	3,208	0.01	0	0	0	0
1 3 2 2 2 2 1 2	1	3,207	3,207	0.01	0	0	0	0
2 5 2 1 4 2 2 3	9	356	3,207	0.01	0	0	0	0
2 9 3 2 3 2 1 2	4	802	3,207	0.01	0	0	0	0
1 1 1 3 1 3 1 1	4	799	3,198	0.01	0	0	0	0
1 7 2 3 4 3 1 2	4	799	3,195	0.01	0	0	0	0
1 5 1 3 3 3 2 1	2	1,598	3,195	0.01	0	0	0	0
2 6 2 1 4 3 2 3	5	639	3,195	0.01	0	0	0	0
2 1 2 1 2 2 1 1	7	456	3,193	0.01	0	0	0	0
4 3 2 3 4 2 1 2	1	3,188	3,188	0.01	0	0	0	0
1 1 3 3 3 3 1 3	7	455	3,187	0.01	0	0	0	0
4 7 1 1 2 3 1 3	5	637	3,186	0.01	1	1	0	2
2 2 2 1 2 1 2 3	2	1,593	3,186	0.01	0	0	0	0
2 1 4 2 1 2 2 2	5	637	3,185	0.01	0	0	0	0
1 1 3 2 1 3 1 3	4	796	3,183	0.01	0	0	0	0
1 1 3 2 2 2 2 2	6	530	3,179	0.01	0	0	0	0
1 6 2 1 2 2 1 2	2	1,589	3,178	0.01	0	0	0	0
3 3 2 1 1 3 2 1	6	530	3,177	0.01	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 5 4 1 4 3 1 2	9	353	3,177	0.01	0	0	1	1
4 3 2 2 5 3 1 3	7	454	3,177	0.01	0	0	0	0
2 1 4 2 2 2 2 1	2	1,586	3,171	0.01	0	0	0	0
1 2 3 1 3 2 2 3	7	453	3,170	0.01	0	0	0	0
2 3 2 1 2 2 1 3	4	791	3,165	0.01	1	1	0	2
3 5 1 1 3 3 2 1	3	1,055	3,165	0.01	0	0	0	0
3 6 2 3 3 3 1 3	2	1,582	3,164	0.01	0	0	0	0
1 2 1 1 1 3 1 3	4	791	3,162	0.01	0	0	0	0
2 3 4 1 2 3 2 1	9	351	3,160	0.01	0	0	0	0
3 3 2 2 4 2 3 4	5	632	3,159	0.01	1	1	1	3
2 2 4 3 4 3 1 3	7	451	3,157	0.01	1	1	0	2
2 7 2 2 1 3 2 2	2	1,577	3,155	0.01	0	0	0	0
3 2 2 1 4 2 3 4	4	788	3,152	0.01	0	0	0	0
1 2 3 3 5 3 3 4	1	3,150	3,150	0.01	0	0	0	0
1 2 2 2 2 2 2 3	1	3,143	3,143	0.01	0	0	0	0
2 5 4 1 3 3 2 3	5	628	3,142	0.01	0	0	0	0
1 4 4 2 4 3 3 4	3	1,047	3,141	0.01	0	0	0	0
2 5 2 1 4 2 1 3	10	314	3,136	0.01	0	0	0	0
2 1 1 1 2 2 2 3	2	1,567	3,135	0.01	0	0	0	0
3 3 2 3 1 2 2 3	4	783	3,133	0.01	1	0	0	1
2 6 2 1 2 3 2 2	7	447	3,131	0.01	0	0	0	0
1 6 4 2 2 3 1 2	1	3,126	3,126	0.01	0	0	0	0
2 5 4 1 2 2 1 2	7	447	3,126	0.01	0	0	0	0
2 5 4 1 5 3 3 4	4	781	3,122	0.01	0	0	0	0
1 3 3 3 4 3 1 1	4	780	3,120	0.01	0	0	1	1
1 9 2 1 2 3 2 3	2	1,560	3,120	0.01	1	0	0	1
1 3 2 1 2 2 2 1	6	520	3,118	0.01	0	0	0	0
1 6 4 2 3 2 1 2	3	1,039	3,118	0.01	0	0	0	0
2 7 4 3 3 2 1 2	2	1,558	3,116	0.01	0	0	0	0
1 2 4 3 3 2 1 2	1	3,115	3,115	0.01	0	0	0	0
3 3 2 3 2 2 2 1	4	778	3,114	0.01	1	1	0	2
3 2 2 1 4 3 1 2	11	283	3,108	0.01	0	0	0	0
2 5 2 2 1 3 3 4	7	444	3,107	0.01	0	0	0	0
2 5 3 3 4 3 1 2	5	621	3,107	0.01	0	0	0	0
3 2 2 3 4 2 1 1	7	444	3,106	0.01	1	1	1	3
6 (13) 2 1 2 2 1 1	4	776	3,104	0.01	0	0	0	0
3 3 1 3 3 3 1 3	5	621	3,103	0.01	1	1	1	3
2 2 2 1 4 2 1 2	7	443	3,100	0.01	0	1	0	1
2 7 4 1 2 3 3 4	4	775	3,098	0.01	1	1	1	3
3 2 4 3 1 3 1 2	17	182	3,096	0.01	0	0	0	0
1 7 2 2 4 2 2 1	1	3,095	3,095	0.01	0	0	0	0
1 2 3 2 3 3 2 2	2	1,547	3,094	0.01	0	0	0	0
2 1 3 2 3 2 2 1	2	1,547	3,094	0.01	0	0	0	0
1 2 2 2 4 2 3 4	1	3,089	3,089	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 5 2 1 4 2 2 2	18	172	3,089	0.01	0	0	0	0
1 5 2 1 4 1 1 1	10	309	3,087	0.01	0	0	0	0
4 3 2 2 2 3 1 1	7	440	3,080	0.01	1	1	0	2
1 1 2 2 4 2 2 2	1	3,080	3,080	0.01	0	0	0	0
3 3 2 2 4 3 2 3	8	385	3,077	0.01	1	0	0	1
2 6 2 2 3 3 1 3	2	1,537	3,075	0.01	0	0	0	0
2 1 1 1 1 3 2 1	2	1,536	3,071	0.01	0	0	0	0
1 6 2 1 3 2 1 2	2	1,532	3,063	0.01	0	0	0	0
2 2 3 2 4 2 2 1	4	766	3,063	0.01	1	0	0	1
1 5 3 2 3 3 1 2	15	204	3,061	0.01	0	0	0	0
4 3 1 3 3 3 2 2	7	437	3,058	0.01	1	1	1	3
2 5 3 3 5 3 3 4	3	1,018	3,055	0.01	0	0	0	0
1 1 2 2 2 3 2 1	1	3,049	3,049	0.01	0	0	0	0
2 5 3 1 3 3 1 2	14	218	3,049	0.01	0	0	0	0
2 5 4 1 2 3 1 2	7	435	3,048	0.01	0	0	0	0
3 2 1 1 3 3 1 2	10	305	3,046	0.01	1	0	0	1
2 2 3 2 4 3 2 2	3	1,014	3,042	0.01	0	0	0	0
2 6 3 1 3 3 2 3	5	608	3,039	0.01	0	0	0	0
4 5 1 3 4 3 1 2	10	303	3,034	0.01	0	1	0	1
1 6 2 1 4 3 2 1	3	1,010	3,030	0.01	1	0	0	1
1 5 4 2 3 3 3 4	4	757	3,029	0.01	0	0	0	0
3 6 1 1 4 2 1 2	10	303	3,028	0.01	0	0	0	0
2 6 1 3 4 2 2 3	8	378	3,025	0.01	1	0	0	1
1 7 4 2 5 3 3 4	4	754	3,018	0.01	0	0	0	0
1 2 2 1 4 3 2 3	6	503	3,018	0.01	0	0	0	0
1 2 4 1 4 3 2 3	6	501	3,007	0.01	0	0	0	0
2 3 3 2 3 3 2 1	5	601	3,004	0.01	0	0	0	0
2 7 2 1 4 2 2 1	6	500	3,002	0.01	0	0	0	0
1 3 2 3 1 3 2 1	5	600	2,998	0.01	0	0	0	0
2 1 1 2 2 2 2 2	2	1,498	2,997	0.01	0	0	0	0
3 6 2 3 4 3 1 3	4	748	2,994	0.01	0	0	0	0
1 5 2 1 4 2 1 2	8	374	2,991	0.01	0	0	0	0
3 3 1 3 4 2 1 3	6	498	2,990	0.01	0	0	0	0
2 1 2 3 4 1 2 1	2	1,494	2,988	0.01	1	0	0	1
2 2 3 1 4 3 2 3	3	996	2,987	0.01	0	0	1	1
3 3 4 2 3 3 1 3	1	2,984	2,984	0.01	0	0	0	0
4 7 3 3 2 3 2 1	1	2,983	2,983	0.01	1	1	0	2
4 5 2 2 2 3 1 2	7	426	2,983	0.01	0	0	1	1
1 1 4 3 4 3 1 1	6	497	2,981	0.01	0	0	0	0
2 3 1 3 4 3 1 3	5	596	2,979	0.01	0	0	0	0
3 2 2 1 4 2 2 3	3	992	2,975	0.01	1	1	1	3
2 1 3 1 4 2 2 1	3	992	2,975	0.01	0	0	0	0
2 2 3 2 3 2 1 3	3	992	2,975	0.01	0	0	0	0
2 6 2 1 3 3 2 3	4	743	2,973	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 5 2 3 3 2 1 3	3	991	2,972	0.01	0	0	1	1
1 7 2 1 1 2 2 2	4	743	2,972	0.01	0	0	0	0
1 4 4 2 5 3 3 4	3	990	2,971	0.01	0	0	0	0
1 5 2 2 4 3 2 1	9	330	2,971	0.01	0	0	0	0
3 2 4 3 3 3 1 3	8	371	2,970	0.01	1	0	0	1
2 7 2 3 1 2 2 2	2	1,485	2,969	0.01	0	0	0	0
4 5 2 2 4 3 1 2	10	297	2,968	0.01	0	0	0	0
1 1 2 1 2 3 3 4	1	2,960	2,960	0.01	0	0	0	0
1 6 2 2 2 2 2 2	1	2,960	2,960	0.01	0	0	0	0
1 1 4 2 2 2 1 2	3	986	2,958	0.01	0	0	0	0
3 7 2 1 2 3 1 3	4	738	2,951	0.01	0	1	1	2
3 3 3 1 1 3 1 2	2	1,475	2,950	0.01	0	1	0	1
2 5 4 1 2 3 2 2	8	369	2,950	0.01	0	0	0	0
1 4 3 3 1 2 2 3	3	983	2,948	0.01	0	0	0	0
1 3 1 3 3 3 1 3	2	1,474	2,948	0.01	0	0	0	0
3 5 2 2 3 3 1 3	7	421	2,944	0.01	0	1	0	1
1 1 4 1 4 3 1 1	4	735	2,940	0.01	0	0	0	0
4 7 2 2 1 2 1 2	1	2,940	2,940	0.01	1	1	0	2
4 3 1 1 3 2 2 1	2	1,465	2,931	0.01	1	1	0	2
1 1 4 2 4 3 2 1	14	209	2,930	0.01	0	0	0	0
2 7 2 2 4 3 1 2	9	325	2,927	0.01	1	1	1	3
1 5 2 1 1 3 2 2	5	585	2,926	0.01	0	0	0	0
1 3 4 2 1 3 2 3	7	418	2,925	0.01	0	0	0	0
1 3 4 2 1 3 2 2	3	973	2,920	0.01	0	0	0	0
2 9 2 2 2 3 1 3	4	730	2,920	0.01	0	1	0	1
1 2 3 1 3 3 2 3	8	365	2,916	0.01	0	0	0	0
1 6 3 2 2 3 1 2	5	583	2,915	0.01	1	0	0	1
5 (13) 2 1 2 3 1 1	1	2,912	2,912	0.01	0	0	0	0
2 6 1 2 2 3 1 2	4	726	2,904	0.01	0	0	0	0
2 5 3 1 4 3 1 2	11	264	2,904	0.01	0	0	0	0
2 1 2 1 3 1 2 3	2	1,450	2,901	0.01	0	0	0	0
2 2 2 3 3 3 2 1	4	724	2,898	0.01	0	0	0	0
2 1 3 2 2 2 2 2	6	483	2,897	0.01	0	0	0	0
4 3 2 1 1 2 2 3	4	724	2,896	0.01	0	0	1	1
1 3 4 1 5 3 1 1	7	413	2,893	0.01	0	0	0	0
2 1 4 2 3 2 1 3	4	723	2,893	0.01	0	0	0	0
2 1 1 3 4 2 2 3	1	2,888	2,888	0.01	0	0	0	0
1 7 4 3 4 3 1 3	10	289	2,888	0.01	0	0	0	0
1 (12) 1 1 1 3 1 1	3	962	2,887	0.01	0	0	0	0
3 7 2 3 2 3 2 1	2	1,444	2,887	0.01	1	1	0	2
1 1 1 3 2 3 2 1	1	2,887	2,887	0.01	0	0	0	0
2 5 1 1 4 3 2 3	7	412	2,886	0.01	0	0	0	0
1 3 2 2 1 3 2 2	2	1,443	2,886	0.01	0	0	0	0
1 3 1 3 4 3 1 1	4	721	2,885	0.01	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 (13) 2 1 2 3 1 3	5	576	2,881	0.01	0	0	0	0
3 2 3 3 4 3 1 2	5	576	2,878	0.01	1	0	0	1
2 2 3 2 3 3 3 4	5	575	2,875	0.01	0	0	0	0
1 1 1 2 1 3 2 1	1	2,874	2,874	0.01	0	0	0	0
3 3 4 3 4 3 1 3	7	410	2,872	0.01	0	1	0	1
2 2 3 3 1 3 1 3	7	410	2,870	0.01	0	0	0	0
2 3 2 1 2 1 1 3	3	955	2,865	0.01	0	0	0	0
2 1 3 3 2 3 2 2	5	573	2,863	0.01	0	0	0	0
2 5 1 3 4 2 2 3	8	358	2,863	0.01	0	0	0	0
3 2 1 1 3 2 2 3	3	954	2,861	0.01	1	0	0	1
1 3 2 2 1 2 2 3	2	1,430	2,860	0.01	1	1	0	2
1 1 2 3 3 3 2 1	2	1,429	2,858	0.01	0	0	0	0
1 6 2 1 2 2 2 2	1	2,855	2,855	0.01	0	0	0	0
1 6 3 1 5 2 3 4	1	2,853	2,853	0.01	0	0	0	0
5 (12) 2 2 1 3 1 1	7	408	2,853	0.01	0	0	0	0
4 5 1 2 3 2 1 2	3	951	2,852	0.01	0	0	0	0
4 3 4 3 2 3 1 2	2	1,424	2,848	0.01	0	1	0	1
3 3 4 2 4 3 1 3	3	949	2,848	0.01	0	0	0	0
3 5 1 3 4 2 1 2	1	2,847	2,847	0.01	0	0	0	0
3 6 2 2 2 2 1 3	1	2,838	2,838	0.01	1	1	0	2
1 1 4 1 4 3 2 1	5	568	2,838	0.01	1	1	0	2
1 3 3 1 2 2 2 1	1	2,837	2,837	0.01	0	0	0	0
2 5 2 3 4 2 2 3	4	708	2,833	0.01	0	0	0	0
1 2 4 2 3 3 2 1	6	472	2,832	0.01	0	0	0	0
1 3 3 2 3 3 1 1	1	2,830	2,830	0.01	0	0	0	0
2 7 2 1 2 3 2 3	3	943	2,829	0.01	1	0	0	1
2 1 3 1 1 2 2 2	3	943	2,828	0.01	1	0	0	1
3 6 2 2 3 2 1 3	1	2,825	2,825	0.01	1	1	0	2
2 2 2 3 4 3 2 3	4	704	2,816	0.01	1	0	0	1
2 3 2 1 2 1 2 1	5	563	2,814	0.01	1	1	0	2
3 3 2 2 4 2 2 1	2	1,407	2,813	0.01	1	1	1	3
4 5 1 3 1 2 1 3	1	2,811	2,811	0.01	0	0	1	1
2 9 2 3 1 3 2 3	2	1,403	2,805	0.01	1	1	1	3
2 5 3 1 3 3 2 3	8	351	2,805	0.01	0	0	0	0
3 2 2 1 2 1 2 3	1	2,800	2,800	0.01	0	0	1	1
1 3 4 1 5 3 1 3	5	559	2,797	0.01	0	0	0	0
2 1 1 2 1 3 2 3	3	932	2,795	0.01	0	0	0	0
2 6 2 1 4 3 2 1	3	931	2,792	0.01	0	0	0	0
3 2 2 3 1 2 1 1	3	930	2,789	0.01	1	1	0	2
1 6 3 1 3 3 2 2	5	557	2,787	0.01	0	0	0	0
1 2 4 1 4 2 1 3	4	695	2,779	0.01	0	0	0	0
2 2 3 1 2 3 1 3	5	556	2,778	0.01	0	0	0	0
1 1 2 1 4 2 2 3	6	463	2,777	0.01	0	0	0	0
1 6 3 2 3 3 1 2	4	694	2,776	0.01	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 2 1 1 3 3 4	6	463	2,775	0.01	1	0	0	1
3 3 3 1 3 3 2 3	1	2,775	2,775	0.01	1	0	0	1
1 3 3 3 5 3 1 1	4	694	2,775	0.01	0	0	0	0
4 3 1 2 1 3 3 4	1	2,773	2,773	0.01	1	0	1	2
1 3 3 2 3 3 2 2	3	924	2,772	0.01	1	1	0	2
2 6 2 3 4 3 2 3	1	2,772	2,772	0.01	0	0	0	0
1 7 2 1 3 2 1 2	6	462	2,770	0.01	0	0	0	0
4 7 1 3 3 3 1 3	4	692	2,769	0.01	0	1	0	1
2 3 4 1 3 3 1 1	6	461	2,766	0.01	0	0	0	0
2 5 2 3 4 3 2 3	3	921	2,762	0.01	0	0	0	0
1 7 3 3 2 3 1 3	1	2,762	2,762	0.01	0	0	0	0
2 2 3 1 2 3 2 3	6	460	2,760	0.01	0	0	0	0
2 7 3 2 3 3 2 3	4	690	2,760	0.01	0	0	0	0
2 2 4 2 1 3 1 3	4	690	2,759	0.01	0	0	1	1
1 7 4 1 2 3 1 3	9	306	2,757	0.01	1	0	0	1
2 7 4 2 3 3 2 2	3	919	2,757	0.01	1	1	0	2
2 5 4 1 5 2 3 4	4	688	2,753	0.01	0	0	0	0
1 2 3 2 3 3 2 1	3	918	2,753	0.01	0	1	0	1
2 2 3 3 1 2 1 2	1	2,753	2,753	0.01	0	1	0	1
4 5 1 2 1 3 1 2	4	688	2,752	0.01	0	0	0	0
2 2 2 3 3 2 1 3	5	550	2,748	0.01	1	1	0	2
1 6 2 1 4 3 1 3	4	687	2,747	0.01	0	0	0	0
3 5 4 2 3 3 2 3	2	1,371	2,743	0.00	0	0	0	0
2 7 4 2 3 1 2 3	3	913	2,740	0.00	0	0	0	0
4 3 3 3 4 2 1 3	4	684	2,736	0.00	1	1	1	3
4 3 1 2 4 2 2 1	1	2,736	2,736	0.00	1	1	0	2
3 5 2 2 4 2 2 3	2	1,367	2,735	0.00	0	0	0	0
2 1 3 2 1 2 1 2	3	910	2,730	0.00	0	1	0	1
2 2 4 3 4 2 1 1	1	2,729	2,729	0.00	0	0	0	0
4 3 2 3 5 2 3 4	4	682	2,728	0.00	1	1	0	2
4 3 1 1 2 3 2 2	3	907	2,722	0.00	0	0	0	0
2 1 3 2 4 2 2 3	3	907	2,720	0.00	0	0	0	0
2 1 3 1 3 3 2 2	5	544	2,720	0.00	0	0	0	0
1 6 2 1 4 3 3 4	3	907	2,720	0.00	0	0	0	0
2 5 2 1 3 2 1 3	8	340	2,717	0.00	0	0	0	0
2 6 2 3 3 2 2 2	1	2,717	2,717	0.00	0	0	1	1
2 6 4 2 2 3 2 2	4	679	2,715	0.00	0	0	0	0
1 7 4 3 3 1 2 2	2	1,355	2,709	0.00	0	0	0	0
1 1 1 3 3 3 1 2	1	2,709	2,709	0.00	0	0	0	0
2 7 2 1 3 2 1 2	3	901	2,704	0.00	0	0	0	0
1 5 3 1 4 3 2 1	8	338	2,701	0.00	0	0	0	0
3 6 2 2 3 3 1 2	5	539	2,697	0.00	0	0	0	0
1 7 4 2 1 3 1 2	3	899	2,696	0.00	0	1	0	1
4 5 1 3 4 2 1 3	4	673	2,693	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 7 2 3 4 3 1 3	1	2,693	2,693	0.00	1	1	0	2
1 2 3 2 3 2 2 3	4	673	2,693	0.00	0	0	0	0
2 1 3 3 1 3 2 1	3	897	2,691	0.00	1	1	0	2
3 7 2 3 3 2 1 3	4	672	2,690	0.00	1	1	0	2
1 4 4 2 4 3 1 3	2	1,343	2,687	0.00	0	0	0	0
2 2 3 1 2 2 1 3	4	669	2,674	0.00	0	0	0	0
6 3 3 2 2 3 1 2	2	1,335	2,670	0.00	0	0	0	0
3 (12) 2 2 2 2 1 2	3	889	2,668	0.00	1	0	0	1
2 1 4 3 3 2 2 3	7	381	2,668	0.00	0	0	0	0
5 (12) 2 2 2 3 2 3	3	889	2,667	0.00	0	0	0	0
2 5 3 1 4 2 1 3	6	444	2,666	0.00	0	0	0	0
2 7 3 3 3 3 1 2	4	666	2,664	0.00	0	1	0	1
2 1 1 2 2 3 2 1	2	1,332	2,664	0.00	1	0	0	1
1 7 2 2 3 3 2 3	3	887	2,661	0.00	0	0	0	0
6 (12) 2 2 2 3 1 2	2	1,331	2,661	0.00	0	0	0	0
2 2 2 1 3 2 1 2	7	380	2,660	0.00	1	1	0	2
6 3 2 3 2 3 1 3	2	1,329	2,659	0.00	0	0	0	0
2 1 2 3 4 3 1 1	5	530	2,649	0.00	0	0	0	0
2 7 2 1 2 3 2 1	2	1,324	2,647	0.00	0	0	1	1
2 5 4 1 4 2 3 4	6	441	2,646	0.00	0	0	1	1
2 1 3 1 2 2 2 1	2	1,322	2,644	0.00	0	0	0	0
2 3 4 3 3 2 1 2	7	378	2,644	0.00	0	0	1	1
4 5 2 2 1 3 1 3	5	529	2,643	0.00	0	0	0	0
3 2 2 2 1 3 2 1	6	440	2,642	0.00	0	0	0	0
1 4 1 1 1 2 1 1	1	2,642	2,642	0.00	0	0	0	0
1 6 4 2 2 1 1 2	1	2,641	2,641	0.00	1	1	0	2
4 3 1 2 2 2 1 3	2	1,319	2,638	0.00	1	1	1	3
1 3 3 2 3 3 2 3	5	527	2,637	0.00	0	0	0	0
4 6 2 1 2 1 2 1	1	2,633	2,633	0.00	1	1	0	2
1 2 2 3 3 2 1 3	1	2,632	2,632	0.00	0	0	0	0
2 1 4 3 4 3 1 3	4	658	2,632	0.00	0	0	0	0
2 6 3 1 3 3 1 3	6	438	2,631	0.00	0	0	0	0
2 2 4 2 3 2 1 3	6	438	2,630	0.00	0	0	0	0
1 2 4 1 3 2 2 2	6	438	2,629	0.00	0	0	0	0
3 6 2 1 3 3 2 3	4	657	2,629	0.00	0	1	0	1
5 (13) 2 1 1 3 1 3	2	1,314	2,629	0.00	0	0	0	0
3 3 2 2 3 2 1 3	3	873	2,620	0.00	1	1	0	2
2 1 4 2 2 3 2 1	6	437	2,620	0.00	0	0	0	0
1 7 2 2 4 3 2 1	3	873	2,619	0.00	0	0	0	0
1 7 3 1 3 2 1 2	11	238	2,618	0.00	0	0	0	0
1 7 2 1 4 1 1 2	5	522	2,608	0.00	1	1	0	2
2 1 4 1 1 2 1 3	6	435	2,608	0.00	0	1	0	1
2 1 4 1 2 3 2 2	8	325	2,600	0.00	0	0	0	0
2 6 2 3 4 3 3 4	4	650	2,599	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 6 2 2 4 3 1 2	5	520	2,599	0.00	0	0	0	0
1 2 2 3 3 3 1 3	2	1,297	2,594	0.00	0	0	0	0
4 3 2 2 2 1 1	3	864	2,593	0.00	1	1	0	2
3 6 2 3 2 3 2 2	7	370	2,590	0.00	0	1	1	2
1 5 1 1 1 3 1 2	6	431	2,586	0.00	0	0	0	0
2 6 4 3 2 3 2 1	1	2,586	2,586	0.00	0	0	0	0
1 3 3 2 2 2 1 3	4	646	2,585	0.00	0	0	0	0
1 9 3 3 3 3 1 2	3	861	2,584	0.00	0	0	0	0
1 9 2 2 3 2 1 2	1	2,582	2,582	0.00	0	0	0	0
1 9 1 1 2 3 1 3	6	430	2,582	0.00	0	0	0	0
1 4 2 1 2 3 1 2	2	1,290	2,579	0.00	0	0	0	0
2 2 4 3 3 3 1 2	2	1,289	2,579	0.00	1	0	0	1
2 3 4 2 2 3 3 4	1	2,578	2,578	0.00	0	1	0	1
2 6 4 1 3 3 2 1	7	368	2,578	0.00	0	0	0	0
1 6 3 2 4 3 1 3	6	430	2,577	0.00	0	0	0	0
1 5 3 1 1 3 1 3	6	429	2,575	0.00	0	0	0	0
2 5 2 3 3 3 1 3	8	322	2,574	0.00	0	0	0	0
3 2 4 3 2 3 1 2	6	429	2,571	0.00	0	0	0	0
2 6 2 2 3 2 1 2	2	1,285	2,571	0.00	0	0	0	0
2 3 4 2 5 3 1 3	3	857	2,570	0.00	0	0	0	0
2 2 4 1 2 2 1 2	5	513	2,567	0.00	0	0	0	0
1 7 3 2 3 3 1 2	5	513	2,567	0.00	0	0	0	0
3 2 3 2 3 3 1 2	5	513	2,567	0.00	1	1	0	2
3 5 3 1 4 3 1 2	7	367	2,566	0.00	0	0	0	0
2 1 1 1 4 1 2 3	3	855	2,566	0.00	1	1	0	2
2 2 3 3 3 3 3 4	4	641	2,564	0.00	0	0	0	0
3 6 2 3 4 2 2 1	3	854	2,561	0.00	0	0	0	0
1 6 4 1 3 3 3 4	7	366	2,559	0.00	0	0	0	0
1 5 2 2 1 3 1 3	2	1,280	2,559	0.00	0	1	0	1
3 7 4 2 4 3 1 2	1	2,557	2,557	0.00	1	1	0	2
2 1 2 2 2 1 1 3	2	1,277	2,553	0.00	1	0	0	1
2 9 3 1 1 3 1 3	5	511	2,553	0.00	0	0	1	1
2 7 4 1 4 2 3 4	1	2,551	2,551	0.00	0	0	0	0
4 5 1 1 3 3 1 3	8	319	2,548	0.00	0	0	0	0
3 2 3 3 3 3 1 3	6	425	2,547	0.00	0	0	0	0
1 5 2 3 1 3 1 2	10	255	2,547	0.00	0	0	0	0
1 1 3 2 2 3 2 3	5	509	2,546	0.00	0	0	0	0
4 5 2 3 4 2 3 4	6	424	2,545	0.00	0	0	0	0
2 5 2 2 2 3 1 3	14	181	2,539	0.00	0	0	0	0
2 9 2 3 1 3 1 2	1	2,532	2,532	0.00	0	1	0	1
1 5 3 2 3 3 2 1	5	506	2,530	0.00	0	0	0	0
1 (13) 1 1 2 3 1 2	1	2,528	2,528	0.00	0	0	0	0
2 2 4 3 4 3 1 2	5	505	2,527	0.00	0	0	0	0
6 (13) 2 3 1 3 1 2	1	2,521	2,521	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 5 4 3 3 3 1 3	10	252	2,516	0.00	0	0	0	0
1 3 2 3 3 3 2 3	5	503	2,515	0.00	0	0	0	0
3 3 1 1 3 3 2 1	4	628	2,514	0.00	1	1	0	2
2 5 2 1 2 3 1 2	9	279	2,512	0.00	0	0	0	0
2 9 2 1 1 2 1 3	7	359	2,512	0.00	0	0	0	0
2 2 4 1 4 3 2 1	2	1,253	2,506	0.00	0	0	0	0
2 3 1 3 1 3 2 3	3	835	2,504	0.00	0	0	0	0
1 (13) 2 1 1 3 1 3	1	2,499	2,499	0.00	0	0	0	0
2 1 3 2 2 2 2 1	1	2,498	2,498	0.00	0	0	0	0
2 6 3 3 3 3 1 2	4	625	2,498	0.00	0	0	0	0
2 1 1 2 1 2 2 2	2	1,249	2,498	0.00	0	0	0	0
1 (12) 2 1 2 3 1 2	3	832	2,496	0.00	0	0	0	0
1 1 2 3 3 3 3 4	1	2,494	2,494	0.00	0	0	0	0
1 3 3 3 3 3 2 1	3	829	2,487	0.00	0	0	0	0
4 5 2 2 1 3 1 1	5	497	2,485	0.00	0	1	1	2
1 5 1 1 4 3 2 2	3	827	2,481	0.00	0	0	0	0
3 3 2 3 4 3 1 1	9	276	2,480	0.00	1	1	0	2
3 3 2 1 1 2 2 1	1	2,479	2,479	0.00	1	0	0	1
1 1 2 3 2 2 1 3	1	2,479	2,479	0.00	0	0	0	0
1 1 3 2 4 2 2 2	2	1,238	2,477	0.00	0	0	0	0
3 3 1 3 2 2 1 2	4	619	2,476	0.00	1	0	0	1
2 2 1 3 2 2 1 3	1	2,473	2,473	0.00	1	1	0	2
2 5 2 1 3 2 1 2	7	353	2,472	0.00	0	0	0	0
3 2 2 3 5 2 3 4	5	494	2,472	0.00	0	0	0	0
2 2 3 1 1 3 1 3	5	494	2,472	0.00	0	0	0	0
2 5 2 1 3 3 2 2	9	274	2,467	0.00	0	0	0	0
1 1 2 1 3 2 1 3	5	491	2,456	0.00	0	0	0	0
1 2 2 3 1 3 1 3	5	491	2,455	0.00	0	0	0	0
2 1 2 2 4 1 2 1	3	816	2,448	0.00	0	1	0	1
3 7 3 2 2 3 1 2	4	612	2,447	0.00	1	1	0	2
2 3 3 2 1 3 2 2	3	814	2,443	0.00	0	0	1	1
2 1 3 1 2 1 2 1	3	814	2,442	0.00	0	0	0	0
6 (13) 2 1 2 1 1 3	1	2,439	2,439	0.00	0	0	0	0
2 1 4 3 4 2 3 4	1	2,438	2,438	0.00	0	0	0	0
1 7 3 1 4 2 1 2	3	812	2,437	0.00	0	1	0	1
1 7 3 1 4 3 2 3	4	609	2,435	0.00	0	0	0	0
2 1 3 1 1 3 2 3	1	2,431	2,431	0.00	0	0	0	0
2 2 1 3 1 3 1 2	2	1,214	2,428	0.00	0	0	0	0
2 3 3 1 2 3 1 3	5	486	2,428	0.00	0	0	1	1
2 7 2 3 1 2 1 2	2	1,208	2,416	0.00	0	0	0	0
1 3 3 1 3 3 2 2	3	805	2,415	0.00	0	0	0	0
2 6 2 2 2 2 2 3	3	805	2,415	0.00	0	0	0	0
1 5 2 2 3 2 2 1	4	603	2,414	0.00	0	0	0	0
2 2 3 2 4 3 2 3	4	602	2,408	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 4 2 1 2 3 2 2	3	803	2,408	0.00	0	0	0	0
2 3 1 2 4 3 1 1	5	481	2,404	0.00	0	0	0	0
2 3 4 1 1 3 1 3	7	343	2,400	0.00	1	0	0	1
4 3 2 1 5 3 1 1	8	300	2,400	0.00	0	0	0	0
4 9 1 3 1 3 1 1	1	2,398	2,398	0.00	1	0	0	1
5 (12) 2 1 2 3 2 2	5	479	2,396	0.00	0	0	0	0
2 3 4 1 5 3 1 3	1	2,395	2,395	0.00	0	0	0	0
4 3 1 3 2 2 3 4	3	798	2,393	0.00	1	1	0	2
2 5 3 1 5 3 3 4	8	299	2,392	0.00	0	0	0	0
4 7 2 2 1 3 2 1	1	2,392	2,392	0.00	0	1	1	2
2 2 3 3 4 3 1 2	5	478	2,388	0.00	0	0	0	0
2 2 4 1 2 3 2 3	4	596	2,385	0.00	0	0	0	0
2 6 1 1 4 2 2 3	5	477	2,384	0.00	0	0	0	0
2 6 3 2 4 3 1 2	4	596	2,384	0.00	0	0	0	0
1 1 2 3 3 2 2 3	2	1,189	2,378	0.00	0	0	0	0
6 (13) 1 2 2 1 1 3	1	2,378	2,378	0.00	0	0	0	0
3 2 2 1 5 3 3 4	4	594	2,378	0.00	0	0	0	0
2 1 1 2 2 3 1 1	4	594	2,377	0.00	0	0	0	0
1 6 1 1 2 3 2 2	3	792	2,377	0.00	0	0	0	0
1 2 2 1 3 3 2 3	3	792	2,377	0.00	0	0	0	0
1 4 2 1 2 3 2 3	1	2,376	2,376	0.00	0	0	0	0
2 1 2 1 1 2 2 2	1	2,375	2,375	0.00	1	0	0	1
2 3 3 3 1 2 1 2	5	475	2,375	0.00	0	0	0	0
2 7 2 1 3 3 2 3	5	475	2,375	0.00	0	0	0	0
2 3 2 3 3 2 1 2	1	2,373	2,373	0.00	0	0	0	0
4 6 2 2 2 3 1 2	4	593	2,373	0.00	0	0	0	0
4 6 3 1 4 3 1 2	1	2,372	2,372	0.00	0	0	0	0
4 5 4 1 2 3 2 2	1	2,370	2,370	0.00	0	0	0	0
2 1 1 2 3 3 2 3	1	2,367	2,367	0.00	0	0	0	0
1 6 4 1 2 3 1 3	2	1,183	2,366	0.00	1	1	0	2
2 9 4 2 1 3 1 3	2	1,182	2,365	0.00	0	0	0	0
2 1 1 2 3 3 1 2	4	590	2,361	0.00	0	0	0	0
2 4 3 3 1 3 1 2	3	787	2,361	0.00	0	0	0	0
4 3 2 3 3 3 1 1	3	786	2,357	0.00	1	0	0	1
1 1 2 2 4 1 1 2	2	1,175	2,350	0.00	0	0	0	0
3 5 2 3 4 3 1 3	10	234	2,343	0.00	0	0	0	0
4 7 2 3 3 3 2 3	2	1,170	2,340	0.00	1	1	0	2
5 (12) 3 2 2 3 1 2	2	1,170	2,340	0.00	0	0	0	0
1 3 1 2 4 3 2 1	1	2,337	2,337	0.00	0	0	0	0
1 5 2 2 4 3 1 3	3	777	2,330	0.00	0	1	0	1
6 (12) 2 1 1 3 1 3	7	333	2,329	0.00	0	0	0	0
2 2 4 1 1 3 1 2	6	388	2,329	0.00	0	0	0	0
1 7 2 2 3 2 2 2	1	2,328	2,328	0.00	0	0	0	0
2 1 3 1 4 2 1 2	7	332	2,327	0.00	0	0	0	0

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2 3 3 2 4 3 1 2	4	582	2,327	0.00	0	0	0	0
3 7 3 3 2 3 1 3	2	1,163	2,327	0.00	0	0	0	0
1 6 3 1 4 3 1 2	2	1,163	2,327	0.00	0	0	0	0
4 5 1 1 2 2 1 1	5	465	2,326	0.00	0	0	0	0
3 2 2 1 2 3 1 1	6	387	2,325	0.00	0	0	0	0
4 5 1 2 1 3 1 3	4	581	2,323	0.00	0	0	0	0
1 7 4 3 3 3 2 3	1	2,320	2,320	0.00	0	0	0	0
2 1 1 1 2 3 2 3	3	772	2,315	0.00	0	0	0	0
1 5 2 2 1 3 1 2	6	386	2,315	0.00	0	0	0	0
1 7 2 3 3 3 2 1	3	771	2,312	0.00	0	1	0	1
1 7 4 2 2 3 1 2	1	2,310	2,310	0.00	0	1	0	1
1 6 4 1 4 3 1 2	3	770	2,310	0.00	0	0	0	0
4 3 4 2 4 3 1 3	3	770	2,310	0.00	0	0	1	1
1 7 2 2 1 3 1 1	1	2,309	2,309	0.00	0	0	0	0
3 6 2 2 4 3 3 4	2	1,153	2,305	0.00	0	0	0	0
3 7 3 3 4 3 1 2	3	768	2,305	0.00	0	1	0	1
2 6 2 3 4 2 2 1	1	2,305	2,305	0.00	0	1	0	1
2 5 1 1 4 3 3 4	9	256	2,304	0.00	0	0	0	0
1 1 1 1 3 3 3 4	2	1,150	2,300	0.00	0	0	0	0
2 2 1 1 3 2 2 3	2	1,149	2,298	0.00	1	1	0	2
3 3 3 2 3 3 2 1	3	766	2,297	0.00	1	1	0	2
2 4 4 1 3 3 1 2	1	2,294	2,294	0.00	0	0	0	0
2 6 2 2 4 1 2 1	2	1,145	2,290	0.00	0	0	0	0
1 6 3 1 1 3 2 2	4	572	2,288	0.00	0	0	0	0
2 2 2 1 1 2 1 3	7	326	2,283	0.00	0	0	0	0
5 (12) 1 1 2 3 2 2	2	1,141	2,282	0.00	0	0	0	0
1 3 4 1 1 3 1 3	8	285	2,281	0.00	0	1	0	1
2 2 4 2 3 2 2 3	5	456	2,281	0.00	0	0	0	0
2 3 2 1 4 2 3 4	4	570	2,280	0.00	0	0	0	0
1 1 2 2 3 3 1 3	6	380	2,279	0.00	0	0	0	0
4 3 2 3 1 3 1 4	1	2,276	2,276	0.00	0	0	0	0
1 6 2 3 3 3 1 1	1	2,275	2,275	0.00	0	0	0	0
1 1 3 1 4 3 1 1	3	758	2,275	0.00	0	0	0	0
2 3 3 1 1 3 1 3	5	455	2,273	0.00	0	0	0	0
2 2 1 1 2 2 2 2	2	1,136	2,272	0.00	0	0	0	0
3 2 2 1 4 2 2 1	5	454	2,269	0.00	1	0	0	1
3 2 2 2 1 3 2 2	3	756	2,267	0.00	1	1	0	2
3 2 3 3 3 3 2 2	3	755	2,264	0.00	1	1	0	2
3 3 1 1 2 3 1 3	3	755	2,264	0.00	0	1	0	1
1 1 1 1 3 2 2 2	1	2,263	2,263	0.00	0	0	0	0
3 5 3 3 4 3 1 2	10	226	2,259	0.00	0	0	0	0
2 3 3 2 3 3 1 1	3	753	2,258	0.00	0	0	0	0
1 (13) 2 2 1 3 2 2	1	2,251	2,251	0.00	0	0	0	0
1 1 3 2 3 3 3 4	10	225	2,250	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 7 2 1 2 3 2 1	5	449	2,246	0.00	0	0	0	0
1 3 2 2 3 3 2 1	2	1,123	2,245	0.00	0	0	0	0
1 (12) 2 2 1 3 1 3	1	2,244	2,244	0.00	0	0	0	0
3 3 2 2 3 3 3 4	4	561	2,244	0.00	0	0	0	0
3 3 2 1 4 3 1 1	10	224	2,243	0.00	0	0	0	0
2 7 4 3 2 3 1 2	3	747	2,241	0.00	0	0	0	0
1 7 4 1 3 3 2 3	3	746	2,239	0.00	0	0	0	0
1 1 1 1 3 2 2 3	3	745	2,235	0.00	0	0	0	0
1 5 2 1 1 3 2 1	10	223	2,235	0.00	0	0	0	0
1 7 2 1 2 2 1 2	1	2,229	2,229	0.00	0	0	0	0
2 7 2 2 3 3 1 3	2	1,113	2,226	0.00	0	0	0	0
1 2 2 2 2 1 2 1	3	742	2,226	0.00	1	1	0	2
2 2 3 1 1 3 2 3	1	2,226	2,226	0.00	0	0	0	0
3 2 4 1 2 3 1 2	2	1,113	2,225	0.00	0	1	0	1
2 6 3 2 3 3 2 1	2	1,110	2,221	0.00	0	0	0	0
2 3 2 2 1 2 2 3	1	2,219	2,219	0.00	0	0	0	0
1 3 3 1 4 2 1 2	3	739	2,217	0.00	0	0	0	0
1 6 3 3 4 3 2 3	2	1,108	2,217	0.00	0	0	0	0
2 3 2 2 1 3 2 3	2	1,108	2,216	0.00	1	0	0	1
2 3 3 3 3 1 2 3	5	443	2,216	0.00	0	0	0	0
2 9 2 2 1 3 1 3	5	443	2,216	0.00	0	0	0	0
2 (13) 2 1 1 3 2 2	2	1,108	2,216	0.00	0	0	0	0
1 3 4 3 3 3 1 2	4	554	2,215	0.00	0	0	0	0
2 1 4 2 4 3 1 1	1	2,214	2,214	0.00	0	0	1	1
2 2 1 3 1 2 2 3	1	2,211	2,211	0.00	1	0	0	1
2 2 4 1 2 3 2 1	4	552	2,208	0.00	0	0	0	0
3 3 4 3 3 3 2 3	1	2,205	2,205	0.00	0	0	0	0
2 6 4 1 1 3 1 2	3	735	2,205	0.00	0	0	0	0
1 2 2 1 1 2 2 3	3	735	2,204	0.00	0	0	0	0
1 5 2 3 3 2 2 2	1	2,199	2,199	0.00	0	0	0	0
1 3 4 3 3 2 1 2	2	1,099	2,199	0.00	0	0	0	0
4 3 2 1 4 3 2 3	4	549	2,197	0.00	0	0	0	0
2 1 1 3 1 2 2 3	1	2,193	2,193	0.00	1	1	0	2
1 9 3 2 3 3 1 2	1	2,193	2,193	0.00	0	0	0	0
1 1 1 2 1 3 1 3	3	731	2,192	0.00	0	0	0	0
4 7 1 2 1 3 2 1	3	729	2,186	0.00	1	1	1	3
2 3 4 3 4 3 1 1	9	243	2,186	0.00	0	0	0	0
2 3 3 1 2 2 2 1	3	728	2,184	0.00	0	0	0	0
1 2 2 1 4 2 1 2	2	1,091	2,182	0.00	1	0	0	1
3 5 3 1 4 3 2 1	5	436	2,181	0.00	0	0	0	0
4 3 1 2 4 3 2 3	4	545	2,179	0.00	0	0	0	0
1 2 2 1 1 3 1 1	1	2,178	2,178	0.00	0	0	0	0
1 2 2 3 1 3 1 2	3	725	2,174	0.00	0	0	0	0
1 6 2 2 1 3 3 4	1	2,173	2,173	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 2 3 1 2 2 1 2	2	1,086	2,172	0.00	0	0	1	1
1 7 4 3 3 3 1 2	2	1,086	2,172	0.00	0	0	0	0
4 6 2 3 3 3 1 3	2	1,084	2,168	0.00	1	1	0	2
2 3 1 1 3 3 1 2	3	722	2,167	0.00	0	0	0	0
1 5 4 2 4 2 1 2	6	361	2,164	0.00	0	0	0	0
1 6 4 1 4 3 1 3	7	309	2,164	0.00	0	0	0	0
1 3 3 3 4 3 1 3	6	361	2,163	0.00	0	1	0	1
4 3 2 3 2 3 2 2	5	432	2,160	0.00	1	1	1	3
4 3 3 1 2 3 2 3	5	432	2,159	0.00	0	0	0	0
2 5 4 2 3 3 2 2	10	216	2,156	0.00	0	0	0	0
6 (12) 1 2 1 3 1 2	2	1,078	2,156	0.00	0	0	0	0
1 1 1 3 4 3 1 3	1	2,150	2,150	0.00	0	0	1	1
2 1 4 3 3 2 2 2	3	716	2,149	0.00	0	0	0	0
1 2 2 1 1 2 2 2	2	1,071	2,142	0.00	0	0	0	0
1 1 4 1 2 3 2 1	4	536	2,142	0.00	0	0	0	0
3 7 2 3 4 2 1 3	2	1,070	2,141	0.00	0	0	0	0
1 3 3 2 4 3 2 1	3	713	2,139	0.00	0	0	0	0
2 2 2 2 1 2 2 3	2	1,068	2,135	0.00	0	0	0	0
1 3 2 2 4 2 1 3	1	2,127	2,127	0.00	0	0	0	0
2 6 4 3 4 3 1 3	4	531	2,122	0.00	0	0	0	0
1 7 2 2 3 3 2 1	3	707	2,121	0.00	0	0	0	0
1 9 2 1 1 3 1 3	5	424	2,119	0.00	0	0	0	0
1 1 4 1 3 3 2 1	8	264	2,114	0.00	0	0	0	0
3 2 2 1 1 3 2 2	3	704	2,113	0.00	0	0	0	0
2 2 1 3 3 3 2 3	2	1,056	2,111	0.00	0	0	0	0
2 1 2 2 4 1 2 3	3	703	2,109	0.00	0	0	0	0
1 2 3 1 4 3 2 1	2	1,054	2,108	0.00	0	0	0	0
1 7 2 3 3 3 2 3	2	1,053	2,106	0.00	1	0	0	1
2 5 4 3 4 3 3 4	5	421	2,104	0.00	0	0	0	0
1 3 3 1 2 3 2 1	3	700	2,101	0.00	0	0	0	0
2 3 1 3 4 3 3 4	4	525	2,101	0.00	0	1	0	1
3 6 3 2 4 3 3 4	1	2,098	2,098	0.00	0	1	0	1
1 3 2 3 2 3 1 3	6	349	2,096	0.00	0	0	0	0
1 5 3 2 3 3 1 3	3	698	2,095	0.00	0	0	0	0
3 2 4 3 3 2 1 2	2	1,047	2,094	0.00	1	0	0	1
4 3 1 1 4 3 2 1	3	696	2,087	0.00	0	0	0	0
2 5 3 3 4 3 1 1	3	694	2,083	0.00	0	0	0	0
2 6 4 2 3 3 2 3	2	1,038	2,077	0.00	1	0	0	1
2 3 4 3 1 3 1 2	5	415	2,075	0.00	1	0	0	1
1 6 2 2 2 3 2 2	2	1,036	2,072	0.00	1	0	0	1
1 5 4 3 3 3 1 1	7	296	2,070	0.00	0	0	0	0
4 7 1 3 4 3 2 1	3	690	2,070	0.00	0	0	1	1
1 1 2 3 4 3 2 3	3	689	2,067	0.00	0	0	0	0
3 5 1 1 4 3 3 4	3	689	2,066	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 6 2 3 4 3 1 2	4	516	2,066	0.00	0	0	0	0
2 1 4 2 4 2 2 2	2	1,033	2,065	0.00	0	0	0	0
2 3 4 2 3 2 2 3	3	688	2,065	0.00	0	0	0	0
2 6 2 1 3 2 2 2	1	2,061	2,061	0.00	0	0	1	1
3 2 2 3 4 3 2 2	3	687	2,061	0.00	0	0	0	0
3 2 4 1 2 3 3 4	4	515	2,059	0.00	0	1	0	1
2 2 3 2 1 3 1 2	3	685	2,055	0.00	0	0	0	0
1 1 2 3 1 3 2 3	1	2,054	2,054	0.00	0	0	0	0
1 (12) 2 2 1 3 1 2	1	2,054	2,054	0.00	0	1	0	1
2 1 3 3 3 2 2 3	3	683	2,049	0.00	0	1	0	1
2 3 4 1 2 3 2 2	3	683	2,048	0.00	0	0	0	0
3 3 3 2 3 3 1 3	4	512	2,048	0.00	0	1	0	1
1 1 4 1 1 3 2 3	3	683	2,048	0.00	0	0	0	0
1 7 4 1 3 2 2 2	4	512	2,047	0.00	0	0	0	0
2 3 4 2 2 3 2 3	4	511	2,045	0.00	0	0	0	0
2 7 2 1 4 3 2 1	8	255	2,043	0.00	0	0	0	0
2 5 3 2 4 3 1 2	7	292	2,043	0.00	0	0	0	0
1 2 4 2 3 3 3 4	2	1,020	2,040	0.00	0	0	0	0
4 7 2 3 3 3 1 2	3	680	2,040	0.00	1	1	0	2
2 1 3 1 2 3 3 4	3	680	2,039	0.00	0	1	0	1
3 2 4 1 2 3 1 3	4	510	2,039	0.00	0	0	1	1
2 7 2 1 1 3 1 3	7	291	2,036	0.00	0	1	0	1
1 1 1 1 2 2 2 2	1	2,035	2,035	0.00	0	0	0	0
2 2 1 2 1 3 2 3	2	1,016	2,033	0.00	0	0	0	0
2 3 3 3 4 3 1 1	4	507	2,029	0.00	1	0	0	1
2 2 4 2 2 3 1 3	4	507	2,027	0.00	0	0	0	0
1 1 3 1 1 3 1 1	5	405	2,027	0.00	0	0	0	0
2 1 3 1 3 3 2 1	4	507	2,026	0.00	0	0	0	0
2 6 4 1 4 3 1 2	2	1,013	2,026	0.00	0	0	0	0
4 3 2 3 1 2 1 2	7	289	2,024	0.00	0	0	0	0
2 5 4 3 4 3 1 3	3	674	2,022	0.00	0	0	0	0
1 2 4 1 2 3 3 4	2	1,010	2,021	0.00	0	0	0	0
1 5 2 3 1 3 1 3	9	224	2,018	0.00	0	0	0	0
4 3 1 3 3 2 1 2	2	1,008	2,017	0.00	1	1	1	3
1 4 2 2 1 3 1 1	2	1,008	2,016	0.00	0	0	0	0
1 3 1 1 2 3 2 3	1	2,014	2,014	0.00	1	1	0	2
1 5 4 1 3 2 2 3	9	223	2,011	0.00	0	0	1	1
1 3 3 2 2 3 1 3	3	670	2,011	0.00	0	0	0	0
1 1 3 1 1 2 1 2	4	503	2,011	0.00	0	0	0	0
2 2 2 3 2 3 2 1	3	670	2,009	0.00	1	1	0	2
1 1 4 2 3 2 2 3	4	502	2,009	0.00	0	0	0	0
5 (12) 2 1 1 3 1 2	4	500	2,001	0.00	0	0	0	0
4 5 3 1 4 3 3 4	2	1,000	2,001	0.00	0	0	0	0
2 2 3 2 1 3 1 1	2	1,000	1,999	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 6 3 2 3 3 2 3	2	999	1,998	0.00	0	0	0	0
1 3 3 3 3 3 1 3	4	499	1,996	0.00	0	0	0	0
3 2 1 1 3 2 2 1	3	665	1,994	0.00	0	0	0	0
3 3 2 3 3 3 1 1	1	1,993	1,993	0.00	1	0	0	1
1 7 2 2 3 3 1 2	5	398	1,989	0.00	0	0	0	0
1 2 4 2 1 2 2 3	1	1,989	1,989	0.00	0	0	0	0
2 2 2 1 3 2 2 1	5	398	1,988	0.00	0	0	0	0
2 4 3 2 1 2 1 2	1	1,988	1,988	0.00	0	0	0	0
1 6 3 2 1 3 1 2	1	1,985	1,985	0.00	0	0	0	0
2 1 1 1 2 2 1 2	4	496	1,983	0.00	0	0	0	0
2 1 2 3 3 2 3 4	4	495	1,982	0.00	0	0	0	0
2 3 2 3 3 2 2 1	3	660	1,981	0.00	0	0	0	0
1 2 3 3 3 3 2 3	2	991	1,981	0.00	0	0	0	0
4 3 2 2 4 2 3 4	1	1,981	1,981	0.00	1	1	0	2
1 3 3 2 3 3 3 4	3	659	1,978	0.00	0	0	0	0
3 3 1 1 3 3 2 3	3	658	1,975	0.00	0	0	0	0
2 6 1 3 3 3 2 3	2	988	1,975	0.00	1	1	0	2
2 7 2 2 3 3 1 2	3	658	1,973	0.00	0	0	0	0
2 6 3 3 4 3 2 1	2	986	1,972	0.00	1	0	0	1
2 7 3 2 4 3 1 3	3	657	1,971	0.00	0	0	0	0
1 2 2 2 4 3 2 1	2	985	1,971	0.00	0	0	0	0
2 2 4 1 2 2 2 1	3	657	1,970	0.00	1	1	0	2
2 2 4 1 3 2 1 1	1	1,970	1,970	0.00	0	0	0	0
2 2 3 3 3 2 2 2	1	1,962	1,962	0.00	0	1	0	1
1 5 2 3 4 3 2 1	8	245	1,961	0.00	0	0	0	0
2 3 2 3 4 3 1 2	1	1,960	1,960	0.00	0	0	0	0
4 5 1 2 3 2 2 2	3	652	1,957	0.00	0	0	0	0
1 (13) 2 3 2 3 1 3	1	1,957	1,957	0.00	0	0	0	0
1 3 4 3 4 3 2 1	2	978	1,957	0.00	0	0	0	0
2 2 4 1 3 2 1 3	5	391	1,956	0.00	0	1	0	1
2 2 4 1 4 3 1 2	4	488	1,953	0.00	1	0	0	1
1 2 3 2 2 3 2 1	2	976	1,952	0.00	0	0	0	0
2 2 3 1 1 2 2 2	3	650	1,949	0.00	1	1	1	3
2 7 2 1 4 3 1 3	5	389	1,946	0.00	1	0	0	1
4 7 1 2 2 3 2 1	4	486	1,944	0.00	0	0	0	0
3 3 2 2 5 3 1 1	4	486	1,943	0.00	0	0	0	0
3 5 2 3 5 3 3 4	5	388	1,942	0.00	0	0	0	0
1 3 3 2 1 3 1 3	4	485	1,941	0.00	0	0	0	0
2 2 3 1 1 3 3 4	2	970	1,941	0.00	1	0	0	1
6 2 1 1 1 3 1 1	2	970	1,940	0.00	0	0	0	0
2 6 2 2 2 3 2 1	4	485	1,938	0.00	0	0	0	0
3 7 2 2 4 3 2 1	4	484	1,938	0.00	1	0	0	1
1 5 2 1 1 3 2 3	11	176	1,937	0.00	0	0	0	0
2 7 4 1 2 2 1 2	3	645	1,936	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 2 4 2 3 3 2 3	2	968	1,935	0.00	0	0	0	0
6 (13) 2 3 1 3 2 3	3	645	1,935	0.00	0	0	0	0
1 5 3 3 3 3 1 1	6	322	1,934	0.00	0	0	0	0
2 7 4 1 2 3 1 2	3	643	1,930	0.00	1	1	0	2
1 7 4 2 4 3 2 1	3	643	1,930	0.00	0	0	0	0
3 5 1 3 2 3 1 3	6	321	1,928	0.00	0	0	0	0
4 9 2 1 1 3 1 3	6	321	1,927	0.00	0	0	0	0
4 7 1 2 1 3 1 3	4	481	1,925	0.00	0	0	0	0
1 2 3 2 3 2 2 2	1	1,923	1,923	0.00	0	0	0	0
2 7 3 1 4 2 3 4	3	641	1,922	0.00	0	0	0	0
5 (13) 2 3 1 3 1 2	1	1,918	1,918	0.00	0	0	0	0
2 6 3 1 3 3 3 4	2	958	1,915	0.00	0	0	0	0
1 1 3 3 2 3 2 1	5	383	1,915	0.00	0	0	0	0
1 1 3 1 3 1 2 3	2	957	1,915	0.00	1	1	0	2
2 3 4 1 4 2 1 2	5	382	1,912	0.00	0	0	0	0
1 3 2 3 3 3 1 3	3	637	1,910	0.00	0	0	0	0
2 7 2 3 1 3 2 3	5	382	1,908	0.00	0	0	0	0
2 3 1 2 1 2 1 3	1	1,907	1,907	0.00	0	1	0	1
1 3 4 3 4 2 3 4	1	1,907	1,907	0.00	0	0	0	0
1 3 3 2 3 3 1 3	6	318	1,906	0.00	0	0	0	0
1 2 2 3 3 3 2 1	1	1,903	1,903	0.00	0	0	0	0
3 3 2 3 3 3 2 1	3	633	1,899	0.00	0	1	0	1
4 3 1 1 2 2 1 3	4	474	1,897	0.00	1	1	1	3
3 2 4 3 3 3 1 2	3	632	1,896	0.00	1	0	0	1
1 4 2 1 3 3 1 3	5	379	1,894	0.00	0	0	0	0
3 6 2 2 3 3 2 3	2	947	1,893	0.00	0	0	0	0
5 (12) 1 1 1 3 1 2	3	630	1,891	0.00	0	0	0	0
2 2 1 3 1 2 1 1	1	1,891	1,891	0.00	1	0	0	1
1 3 2 2 3 3 1 1	2	945	1,890	0.00	0	0	0	0
2 4 3 3 1 3 1 3	4	473	1,890	0.00	0	0	0	0
2 1 4 2 4 2 2 1	1	1,890	1,890	0.00	1	0	0	1
3 7 2 2 2 3 2 1	4	472	1,889	0.00	1	0	0	1
1 2 2 2 3 3 3 4	1	1,888	1,888	0.00	0	0	0	0
1 6 3 3 2 3 1 2	2	943	1,886	0.00	0	0	0	0
1 1 2 1 3 3 3 4	2	942	1,885	0.00	0	0	0	0
2 3 2 1 3 3 2 2	4	471	1,883	0.00	0	0	0	0
2 2 2 1 1 2 1 2	4	470	1,878	0.00	0	0	0	0
2 6 4 1 3 2 1 2	3	624	1,873	0.00	0	0	0	0
1 7 2 1 4 3 1 2	2	935	1,870	0.00	0	0	0	0
3 2 4 3 4 3 1 3	1	1,867	1,867	0.00	0	0	0	0
2 1 3 2 5 2 3 4	5	373	1,866	0.00	1	0	0	1
2 1 3 3 2 3 1 3	2	932	1,864	0.00	1	1	0	2
2 3 3 2 1 3 1 2	3	621	1,863	0.00	0	0	0	0
2 1 2 1 1 3 3 4	6	310	1,863	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 (12) 2 3 2 2 1 1	1	1,861	1,861	0.00	1	0	0	1
2 5 4 2 3 2 1 2	5	372	1,859	0.00	0	0	0	0
2 2 1 2 1 3 2 2	1	1,858	1,858	0.00	1	0	0	1
1 6 2 1 2 3 1 1	3	617	1,852	0.00	0	0	0	0
1 1 4 1 2 2 1 3	4	463	1,852	0.00	0	0	0	0
1 3 4 1 1 3 3 4	2	923	1,846	0.00	0	0	0	0
2 6 3 1 4 2 3 4	1	1,846	1,846	0.00	0	0	0	0
2 2 4 1 3 3 1 1	3	615	1,846	0.00	0	0	0	0
1 5 2 1 1 3 1 2	7	264	1,846	0.00	0	0	0	0
2 3 3 3 5 3 2 1	3	615	1,845	0.00	0	0	0	0
2 7 4 1 3 2 1 2	3	615	1,844	0.00	0	0	0	0
1 3 2 3 1 2 1 3	3	615	1,844	0.00	0	0	0	0
1 7 2 1 3 3 1 2	3	613	1,840	0.00	0	0	0	0
1 4 2 1 4 3 3 4	2	919	1,838	0.00	0	0	0	0
2 2 1 1 2 3 2 1	1	1,836	1,836	0.00	1	1	0	2
4 5 2 2 1 3 2 3	5	367	1,836	0.00	0	0	0	0
6 (13) 1 2 1 3 1 3	2	918	1,836	0.00	0	0	0	0
1 1 1 2 1 3 2 2	2	918	1,835	0.00	0	0	0	0
2 2 3 1 3 2 2 1	3	611	1,833	0.00	0	0	0	0
4 3 2 3 3 2 3 4	1	1,833	1,833	0.00	0	0	0	0
1 3 3 3 4 3 2 3	1	1,831	1,831	0.00	0	0	0	0
4 7 2 2 4 2 2 1	1	1,830	1,830	0.00	1	1	0	2
2 3 2 2 4 2 3 4	2	915	1,829	0.00	0	0	0	0
6 (13) 3 1 2 3 1 2	3	610	1,829	0.00	0	0	0	0
2 2 3 2 2 3 2 3	2	914	1,829	0.00	1	0	0	1
2 2 4 2 3 3 2 3	3	609	1,828	0.00	0	0	0	0
1 1 4 2 2 3 1 3	2	914	1,828	0.00	0	0	0	0
2 5 3 2 4 2 1 3	6	304	1,826	0.00	0	0	0	0
1 2 2 3 2 3 2 3	3	608	1,825	0.00	0	0	0	0
3 6 2 2 1 3 1 3	3	608	1,824	0.00	0	0	0	0
2 3 4 1 2 3 2 3	6	304	1,823	0.00	0	0	0	0
4 5 1 2 1 3 1 1	5	365	1,823	0.00	0	0	1	1
2 5 4 3 2 3 2 1	4	455	1,821	0.00	0	0	0	0
3 3 1 1 1 3 1 3	3	607	1,821	0.00	0	0	1	1
3 2 2 3 4 3 2 1	3	607	1,820	0.00	0	0	0	0
6 (13) 2 1 2 3 2 2	2	910	1,819	0.00	0	0	0	0
2 2 4 2 4 3 1 2	2	908	1,816	0.00	0	0	0	0
1 1 2 2 4 1 1 3	2	908	1,816	0.00	0	0	0	0
2 1 4 3 3 3 2 3	2	907	1,815	0.00	0	0	0	0
3 2 2 3 3 1 2 2	2	907	1,815	0.00	1	1	0	2
3 5 2 1 3 2 2 3	4	453	1,813	0.00	0	0	0	0
2 3 2 3 3 2 2 3	2	905	1,810	0.00	0	0	0	0
1 1 4 1 3 1 1 2	1	1,809	1,809	0.00	0	0	0	0
6 2 1 3 1 3 1 1	2	904	1,807	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 3 2 2 4 3 2 1	5	361	1,807	0.00	0	0	0	0
2 1 4 2 4 3 2 1	3	602	1,806	0.00	1	1	0	2
1 1 4 2 1 3 2 2	3	602	1,805	0.00	0	0	0	0
3 7 1 3 2 3 2 3	2	902	1,805	0.00	1	1	0	2
2 5 2 3 1 2 1 2	4	450	1,801	0.00	0	0	0	0
1 1 4 1 3 1 2 3	3	600	1,799	0.00	0	0	0	0
3 2 1 2 1 2 2 3	3	600	1,799	0.00	0	0	0	0
2 7 2 2 4 3 2 2	3	599	1,798	0.00	0	0	0	0
2 6 2 3 4 2 1 3	1	1,797	1,797	0.00	1	1	0	2
5 3 1 2 1 3 1 3	2	898	1,797	0.00	1	1	0	2
2 2 4 1 1 2 1 2	2	898	1,796	0.00	0	0	0	0
2 2 2 2 3 2 2 2	5	359	1,796	0.00	0	0	0	0
2 3 4 2 3 3 2 1	4	449	1,795	0.00	0	0	0	0
1 1 4 3 5 2 3 4	3	598	1,794	0.00	1	0	0	1
1 7 2 2 2 3 2 1	2	897	1,794	0.00	0	0	0	0
1 5 2 1 2 2 2 2	5	359	1,793	0.00	0	0	0	0
1 2 4 1 1 3 3 4	4	447	1,789	0.00	0	0	0	0
3 2 2 1 3 3 2 2	4	447	1,788	0.00	1	1	0	2
3 3 2 2 3 2 2 3	4	447	1,787	0.00	0	0	0	0
1 7 2 2 4 3 2 3	3	595	1,785	0.00	0	0	0	0
1 5 2 1 3 3 1 3	5	356	1,781	0.00	0	0	0	0
3 3 2 3 2 3 2 3	3	594	1,781	0.00	0	0	0	0
3 3 4 2 3 2 1 2	1	1,780	1,780	0.00	1	0	1	2
2 2 3 3 1 3 1 2	8	222	1,780	0.00	0	0	0	0
2 2 4 1 3 3 2 1	3	592	1,776	0.00	0	1	0	1
2 3 4 1 2 2 1 3	4	444	1,775	0.00	1	1	0	2
2 5 2 2 1 3 1 3	6	296	1,774	0.00	0	0	0	0
2 2 2 1 4 3 1 2	4	443	1,773	0.00	0	0	0	0
1 3 2 3 3 2 2 3	3	590	1,771	0.00	0	0	0	0
1 5 4 2 3 2 1 2	10	177	1,768	0.00	0	0	0	0
3 7 2 1 2 3 2 1	1	1,763	1,763	0.00	0	0	0	0
1 1 4 1 4 3 2 2	4	441	1,763	0.00	0	0	0	0
3 5 1 2 4 2 2 3	3	587	1,762	0.00	0	0	0	0
2 3 4 3 3 3 2 3	2	881	1,762	0.00	0	0	0	0
2 7 2 2 1 3 1 3	2	881	1,762	0.00	0	0	0	0
2 5 2 1 1 2 1 2	5	352	1,762	0.00	0	0	0	0
2 1 3 1 3 2 3 4	2	881	1,761	0.00	0	0	0	0
2 2 1 2 3 3 1 3	1	1,761	1,761	0.00	0	0	0	0
1 3 2 1 2 2 2 2	1	1,760	1,760	0.00	0	0	0	0
2 1 4 1 3 3 2 1	6	293	1,759	0.00	0	0	0	0
2 6 2 2 4 1 1 2	2	879	1,759	0.00	0	0	0	0
3 3 4 1 2 3 1 2	2	879	1,758	0.00	0	0	0	0
1 1 2 1 4 1 2 1	1	1,758	1,758	0.00	0	1	0	1
2 6 4 2 3 3 1 3	4	440	1,758	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 3 2 2 4 3 1 2	4	440	1,758	0.00	0	0	1	1
2 1 4 1 4 3 2 2	4	439	1,758	0.00	0	0	0	0
1 (13) 2 1 3 3 1 2	2	879	1,757	0.00	0	0	0	0
1 2 4 1 3 3 2 1	4	439	1,756	0.00	0	0	0	0
2 1 1 3 2 2 2 2	4	438	1,751	0.00	0	0	0	0
3 5 1 2 3 3 1 3	8	219	1,749	0.00	0	0	0	0
2 1 4 1 2 1 2 1	2	874	1,748	0.00	1	1	0	2
1 3 4 2 4 3 1 2	2	873	1,745	0.00	0	0	0	0
2 2 4 3 3 3 1 3	1	1,743	1,743	0.00	0	0	0	0
4 5 1 3 2 3 2 3	4	436	1,742	0.00	0	0	1	1
1 7 4 2 3 2 1 2	3	581	1,742	0.00	0	0	0	0
1 1 2 1 3 2 2 1	1	1,741	1,741	0.00	0	0	0	0
4 3 1 3 3 2 2 2	3	580	1,740	0.00	0	0	0	0
1 5 3 1 5 2 3 4	8	218	1,740	0.00	0	0	0	0
1 6 3 2 4 2 2 3	1	1,738	1,738	0.00	0	0	0	0
2 2 1 1 2 2 1 1	2	869	1,738	0.00	1	1	0	2
2 2 2 1 1 2 2 2	3	579	1,738	0.00	0	0	0	0
4 5 2 2 3 2 1 2	4	434	1,737	0.00	0	0	0	0
2 4 4 1 1 3 3 4	2	867	1,735	0.00	0	0	0	0
2 1 4 3 4 3 1 1	4	433	1,734	0.00	0	1	0	1
1 6 1 2 2 3 2 1	1	1,733	1,733	0.00	0	1	0	1
1 3 3 1 3 3 2 1	5	346	1,731	0.00	0	0	0	0
3 5 3 2 4 3 1 3	4	432	1,729	0.00	0	0	0	0
1 5 2 2 4 3 2 3	5	346	1,729	0.00	0	0	0	0
1 7 4 2 3 2 2 3	1	1,728	1,728	0.00	0	1	0	1
1 7 4 2 1 3 1 3	6	288	1,727	0.00	0	0	0	0
2 2 1 3 1 2 1 3	2	863	1,727	0.00	1	0	0	1
3 7 2 3 5 3 3 4	1	1,726	1,726	0.00	0	0	0	0
1 7 2 1 4 2 3 4	3	575	1,724	0.00	0	0	0	0
1 2 2 1 3 2 2 1	1	1,722	1,722	0.00	0	0	0	0
1 2 3 2 4 3 1 2	2	861	1,722	0.00	0	0	0	0
3 7 3 2 2 3 1 3	3	574	1,721	0.00	0	0	0	0
1 1 4 3 3 3 2 2	1	1,720	1,720	0.00	0	0	0	0
1 (13) 2 3 2 3 1 2	4	430	1,720	0.00	0	0	0	0
3 2 4 3 2 2 1 3	2	859	1,718	0.00	0	0	0	0
2 6 4 3 2 3 3 4	1	1,718	1,718	0.00	0	0	0	0
2 5 1 1 3 3 3 4	4	429	1,716	0.00	0	0	0	0
2 (12) 2 2 1 3 1 2	1	1,716	1,716	0.00	0	0	0	0
4 5 4 1 4 3 2 1	1	1,713	1,713	0.00	0	0	0	0
2 5 3 2 3 3 2 3	3	571	1,713	0.00	0	0	0	0
3 6 4 2 4 3 2 2	3	570	1,711	0.00	0	0	0	0
1 2 3 3 4 3 2 3	1	1,711	1,711	0.00	0	0	0	0
1 7 2 1 4 2 2 1	4	428	1,710	0.00	0	0	0	0
1 1 3 1 2 1 1 3	1	1,709	1,709	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 5 4 1 3 3 1 1	6	285	1,708	0.00	0	0	0	0
1 7 3 1 1 3 2 3	2	853	1,707	0.00	0	0	0	0
1 5 1 1 4 3 1 3	5	340	1,702	0.00	0	0	0	0
3 3 3 2 4 3 1 3	2	850	1,701	0.00	0	1	1	2
1 2 2 2 1 3 2 2	1	1,699	1,699	0.00	0	0	0	0
2 6 2 3 4 3 1 3	4	425	1,699	0.00	1	1	0	2
1 7 3 3 3 3 2 2	1	1,698	1,698	0.00	0	0	0	0
4 7 2 2 1 3 1 1	3	566	1,697	0.00	1	1	1	3
2 1 3 1 4 3 2 2	3	565	1,696	0.00	0	0	0	0
2 7 2 2 3 3 2 1	2	847	1,694	0.00	1	1	0	2
2 5 3 1 1 3 1 2	4	423	1,693	0.00	0	0	0	0
1 6 2 2 1 3 1 3	2	846	1,693	0.00	0	0	0	0
1 2 2 1 3 2 3 4	1	1,691	1,691	0.00	0	0	0	0
4 5 1 2 2 2 1 2	4	423	1,691	0.00	0	0	0	0
1 1 4 2 4 1 2 1	1	1,690	1,690	0.00	0	0	0	0
2 1 2 1 2 3 3 4	5	338	1,690	0.00	0	0	0	0
5 (13) 2 1 1 3 1 1	2	844	1,689	0.00	0	0	0	0
2 6 1 2 2 3 1 1	1	1,685	1,685	0.00	0	0	0	0
1 1 4 2 1 2 2 2	1	1,684	1,684	0.00	0	0	0	0
1 1 1 1 2 3 2 2	4	421	1,684	0.00	0	0	0	0
1 6 4 2 3 3 2 3	5	336	1,678	0.00	0	0	0	0
4 3 2 3 1 3 2 2	3	559	1,676	0.00	0	0	0	0
1 3 4 2 1 3 1 3	8	209	1,673	0.00	0	0	0	0
1 5 2 1 3 2 2 3	8	209	1,672	0.00	0	0	0	0
1 5 2 2 4 1 1 3	4	417	1,670	0.00	0	0	0	0
2 6 3 1 2 1 2 3	4	416	1,664	0.00	0	0	0	0
3 2 3 3 1 3 1 2	8	208	1,663	0.00	0	0	0	0
3 2 4 2 3 3 2 3	3	554	1,662	0.00	0	0	0	0
3 2 1 2 4 3 3 4	3	554	1,661	0.00	0	0	0	0
2 1 2 1 3 2 1 1	3	554	1,661	0.00	1	1	0	2
1 6 3 3 3 3 1 1	1	1,660	1,660	0.00	0	0	0	0
2 9 2 3 1 3 1 3	4	415	1,659	0.00	0	1	1	2
1 5 3 3 3 3 1 3	2	829	1,658	0.00	0	0	0	0
1 2 4 1 2 3 1 3	3	552	1,656	0.00	0	0	0	0
2 7 4 3 3 3 2 3	3	550	1,651	0.00	1	1	0	2
1 3 4 2 2 3 2 1	5	330	1,650	0.00	0	0	1	1
2 6 2 2 3 3 2 2	2	825	1,649	0.00	0	0	0	0
4 3 2 1 4 3 3 4	7	236	1,649	0.00	0	0	0	0
3 2 2 2 1 3 3 4	6	275	1,648	0.00	0	0	0	0
1 5 3 1 3 3 2 3	5	329	1,647	0.00	0	0	0	0
2 6 3 1 3 3 1 2	3	548	1,645	0.00	0	0	0	0
3 6 2 3 2 3 1 3	4	411	1,645	0.00	1	0	1	2
2 1 3 3 3 2 1 3	1	1,645	1,645	0.00	0	0	0	0
1 1 2 1 5 2 3 4	3	548	1,644	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 2 2 1 2 1 2 1	1	1,644	1,644	0.00	0	0	0	0
1 5 3 1 4 2 2 3	4	411	1,644	0.00	0	0	0	0
4 6 1 3 3 3 2 3	2	821	1,642	0.00	0	1	0	1
2 5 2 3 1 3 2 3	3	547	1,642	0.00	0	0	0	0
2 1 1 2 1 2 1 3	1	1,642	1,642	0.00	0	0	0	0
1 2 3 3 3 2 2 1	2	820	1,641	0.00	0	0	0	0
1 3 2 3 4 3 3 4	2	820	1,640	0.00	0	0	0	0
2 1 2 1 2 1 2 2	5	328	1,639	0.00	0	0	0	0
1 6 4 1 2 3 2 2	2	819	1,638	0.00	0	0	0	0
2 5 2 1 1 3 1 2	5	327	1,637	0.00	0	0	0	0
3 2 4 2 3 2 2 3	2	817	1,634	0.00	0	1	0	1
2 5 1 3 4 2 2 1	5	327	1,634	0.00	0	0	0	0
4 5 2 1 4 2 1 3	3	545	1,634	0.00	0	0	1	1
4 3 2 3 4 3 1 2	4	408	1,633	0.00	0	0	0	0
1 2 2 2 5 3 3 4	2	816	1,631	0.00	0	0	0	0
2 1 1 3 3 3 1 2	2	816	1,631	0.00	0	0	0	0
3 3 4 2 3 2 2 3	2	813	1,627	0.00	1	1	0	2
2 5 2 2 4 1 2 1	3	542	1,626	0.00	0	0	0	0
1 7 2 1 1 3 2 1	4	406	1,626	0.00	0	0	0	0
4 5 1 3 1 3 1 1	5	325	1,626	0.00	0	1	0	1
1 5 3 3 3 2 2 2	2	812	1,625	0.00	0	0	0	0
2 3 3 1 1 3 2 2	2	812	1,625	0.00	1	0	1	2
2 1 1 1 4 1 1 2	3	542	1,625	0.00	0	0	0	0
2 2 4 1 2 2 2 3	4	406	1,623	0.00	0	0	0	0
1 1 3 3 4 2 2 1	2	811	1,622	0.00	0	0	0	0
2 3 4 3 3 3 2 2	2	811	1,622	0.00	0	0	0	0
1 3 3 3 2 3 2 1	2	811	1,621	0.00	0	0	0	0
2 6 2 3 2 3 1 2	2	809	1,619	0.00	0	0	0	0
3 5 2 2 2 3 2 2	9	179	1,615	0.00	0	0	0	0
3 2 2 3 1 3 1 1	9	179	1,613	0.00	0	1	0	1
2 3 2 2 2 3 1 1	5	322	1,612	0.00	0	0	0	0
4 3 2 2 1 2 1 3	4	403	1,612	0.00	1	0	0	1
3 5 4 2 4 3 1 2	3	537	1,612	0.00	0	0	0	0
3 6 2 3 1 3 1 2	3	537	1,611	0.00	0	0	0	0
1 2 3 1 1 2 1 2	1	1,610	1,610	0.00	0	0	0	0
2 3 3 1 3 3 1 1	2	805	1,609	0.00	0	0	0	0
2 3 4 3 3 3 1 1	3	535	1,605	0.00	0	0	0	0
1 5 4 1 3 1 1 2	8	200	1,603	0.00	0	0	0	0
1 5 2 3 3 2 1 2	3	534	1,602	0.00	0	0	0	0
2 3 3 2 4 3 1 1	3	533	1,599	0.00	0	0	0	0
2 5 3 1 3 2 2 2	3	533	1,599	0.00	0	0	0	0
2 1 4 1 1 2 2 2	4	399	1,597	0.00	0	0	0	0
3 2 1 3 3 2 1 3	1	1,597	1,597	0.00	1	1	0	2
1 7 2 1 4 1 2 3	2	798	1,596	0.00	1	0	0	1

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 7 4 3 5 3 3 4	1	1,595	1,595	0.00	0	0	0	0
1 6 3 1 1 3 1 2	3	532	1,595	0.00	0	0	0	0
2 1 4 2 5 2 3 4	2	797	1,595	0.00	0	0	0	0
1 2 4 2 3 2 2 2	2	795	1,590	0.00	0	0	0	0
3 5 2 3 3 3 2 1	3	529	1,587	0.00	0	0	0	0
3 5 2 1 3 3 2 3	6	264	1,585	0.00	0	0	0	0
3 3 2 3 1 3 1 1	3	528	1,584	0.00	0	0	0	0
1 1 3 1 2 1 2 2	2	791	1,583	0.00	0	0	0	0
1 1 3 3 4 2 1 3	3	527	1,582	0.00	0	0	0	0
4 5 1 2 2 3 1 3	2	791	1,582	0.00	0	0	1	1
3 2 2 1 1 2 2 3	3	527	1,581	0.00	0	0	0	0
3 3 2 2 2 2 2 3	2	791	1,581	0.00	0	0	0	0
1 (12) 2 3 2 3 1 2	1	1,581	1,581	0.00	0	0	0	0
2 2 2 1 4 3 2 1	2	790	1,580	0.00	0	0	0	0
1 1 4 3 3 2 2 3	1	1,579	1,579	0.00	0	0	0	0
2 5 3 2 4 2 3 4	6	263	1,577	0.00	0	0	0	0
1 2 3 2 3 2 1 3	2	788	1,576	0.00	0	0	0	0
3 2 4 1 3 3 3 4	4	394	1,574	0.00	1	0	0	1
1 1 3 2 1 3 2 3	2	787	1,574	0.00	0	0	0	0
2 1 1 3 4 3 2 1	1	1,573	1,573	0.00	0	0	0	0
2 2 4 1 5 2 3 4	2	785	1,571	0.00	0	0	0	0
1 5 2 3 3 3 2 3	2	783	1,567	0.00	0	0	0	0
1 1 4 3 4 2 3 4	3	522	1,566	0.00	0	0	0	0
2 1 4 1 4 2 2 1	2	781	1,562	0.00	0	1	0	1
1 4 1 1 3 3 2 3	2	781	1,562	0.00	0	0	0	0
2 3 4 3 3 3 2 1	2	779	1,559	0.00	0	0	0	0
2 2 4 2 4 2 1 2	5	311	1,557	0.00	0	0	0	0
4 5 1 1 1 3 2 1	6	259	1,557	0.00	0	0	1	1
3 2 3 2 2 3 2 1	2	777	1,555	0.00	1	1	0	2
3 3 4 3 1 3 1 3	4	388	1,554	0.00	0	0	0	0
3 2 3 1 3 3 1 3	5	311	1,553	0.00	0	0	0	0
2 1 1 1 4 3 2 1	1	1,552	1,552	0.00	0	0	0	0
2 7 4 2 5 2 3 4	1	1,551	1,551	0.00	0	0	0	0
1 6 4 1 3 3 2 1	5	310	1,550	0.00	0	0	0	0
2 3 4 1 4 3 1 2	2	774	1,548	0.00	0	0	0	0
2 3 4 1 2 2 2 1	6	258	1,548	0.00	0	1	0	1
3 3 4 2 5 3 1 3	1	1,547	1,547	0.00	0	0	0	0
2 7 2 2 4 1 2 1	1	1,545	1,545	0.00	0	0	0	0
4 3 2 2 3 3 1 2	8	193	1,540	0.00	0	0	0	0
2 1 4 1 4 3 1 1	4	385	1,540	0.00	1	0	0	1
2 6 3 1 4 2 2 1	2	769	1,539	0.00	0	1	0	1
2 3 4 1 4 2 2 1	2	769	1,537	0.00	0	0	0	0
1 5 3 3 3 3 2 2	3	512	1,535	0.00	0	0	0	0
1 1 3 2 3 2 2 1	1	1,534	1,534	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 2 3 4 2 2 3	2	767	1,533	0.00	1	1	0	2
2 1 3 3 1 3 1 3	2	767	1,533	0.00	0	1	0	1
2 9 4 1 1 3 1 3	5	306	1,532	0.00	0	0	0	0
2 3 2 2 2 2 1 3	2	765	1,531	0.00	1	1	0	2
2 1 3 2 1 3 2 3	3	510	1,529	0.00	0	0	0	0
4 5 1 2 4 3 1 1	2	764	1,528	0.00	0	0	0	0
2 6 4 1 4 3 1 3	6	255	1,528	0.00	0	0	0	0
1 6 2 1 1 3 1 3	3	509	1,527	0.00	0	0	0	0
2 2 3 3 2 3 1 3	6	254	1,525	0.00	0	1	0	1
1 1 4 1 1 3 2 1	1	1,523	1,523	0.00	0	0	0	0
2 1 1 2 2 2 1 2	2	762	1,523	0.00	0	0	0	0
1 6 2 3 1 3 1 3	2	761	1,523	0.00	0	0	0	0
2 6 2 2 2 2 1 2	2	759	1,518	0.00	0	0	0	0
2 2 1 3 5 3 3 4	2	759	1,517	0.00	0	0	0	0
1 7 2 1 4 3 2 2	1	1,517	1,517	0.00	0	0	0	0
1 7 2 2 3 2 1 2	3	505	1,515	0.00	0	0	0	0
2 3 4 1 1 3 2 1	3	505	1,515	0.00	0	0	0	0
3 3 1 3 5 3 3 4	4	378	1,513	0.00	0	1	0	1
1 6 3 3 3 3 1 2	1	1,513	1,513	0.00	0	0	0	0
2 2 4 2 3 2 2 2	4	377	1,509	0.00	0	0	0	0
1 7 2 1 4 2 1 2	2	754	1,508	0.00	0	0	0	0
1 7 2 2 1 3 1 2	6	251	1,505	0.00	0	0	0	0
2 2 1 2 2 3 2 2	1	1,505	1,505	0.00	0	0	0	0
1 7 3 2 5 3 3 4	1	1,505	1,505	0.00	0	0	0	0
1 6 2 2 4 3 1 2	3	501	1,504	0.00	0	0	0	0
1 5 4 2 3 3 1 2	5	300	1,502	0.00	0	0	0	0
1 2 3 1 2 3 2 2	3	500	1,501	0.00	0	0	0	0
4 5 3 1 2 2 2 1	4	375	1,501	0.00	0	0	0	0
1 1 3 3 5 3 1 3	2	750	1,501	0.00	0	0	0	0
1 3 4 2 3 3 2 1	2	750	1,500	0.00	0	0	0	0
3 7 2 3 3 3 1 3	2	750	1,500	0.00	1	1	0	2
1 6 2 3 4 3 2 1	2	749	1,498	0.00	0	0	0	0
3 2 4 2 2 3 1 2	3	499	1,498	0.00	1	0	0	1
3 6 2 1 2 3 1 3	2	749	1,497	0.00	0	0	0	0
1 1 4 1 2 1 2 2	2	749	1,497	0.00	0	0	0	0
3 3 2 2 4 3 1 1	1	1,495	1,495	0.00	0	0	0	0
2 7 2 3 3 3 1 3	2	748	1,495	0.00	0	0	0	0
1 3 3 1 4 3 1 1	2	748	1,495	0.00	0	0	0	0
1 5 3 3 3 3 1 2	9	166	1,494	0.00	0	0	0	0
1 5 3 2 4 2 3 4	5	299	1,494	0.00	0	0	0	0
3 3 3 3 4 3 1 3	7	213	1,493	0.00	1	1	0	2
1 7 4 2 4 2 1 2	2	747	1,493	0.00	0	0	0	0
2 7 3 2 1 3 1 3	2	746	1,492	0.00	0	0	0	0
2 1 1 2 4 3 1 3	2	746	1,492	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 7 1 1 3 3 2 3	5	298	1,489	0.00	0	0	0	0
1 2 1 1 2 3 2 1	1	1,488	1,488	0.00	0	0	0	0
4 6 2 1 1 3 1 3	2	744	1,488	0.00	0	0	0	0
1 5 4 1 5 1 3 4	6	248	1,487	0.00	0	0	0	0
2 3 2 2 3 2 2 1	1	1,487	1,487	0.00	0	0	0	0
2 1 4 2 1 2 2 3	2	743	1,486	0.00	0	0	0	0
1 3 4 1 2 3 2 1	6	248	1,486	0.00	0	0	0	0
1 3 4 3 2 3 1 3	3	494	1,483	0.00	0	0	0	0
2 3 1 2 2 3 1 2	2	740	1,481	0.00	0	0	0	0
3 2 1 3 4 3 1 2	1	1,480	1,480	0.00	0	1	1	2
2 7 2 1 3 2 2 3	1	1,478	1,478	0.00	0	0	1	1
1 3 4 3 3 3 2 1	5	295	1,475	0.00	0	0	0	0
6 3 2 2 2 3 1 3	2	737	1,473	0.00	0	0	0	0
2 3 4 3 4 2 1 3	4	368	1,473	0.00	0	0	0	0
1 3 3 1 2 3 1 1	3	491	1,472	0.00	0	0	0	0
3 2 2 2 4 2 1 2	4	368	1,471	0.00	1	1	0	2
1 4 2 1 3 3 3 4	4	368	1,471	0.00	0	0	0	0
3 7 1 2 2 2 1 3	2	735	1,471	0.00	1	1	0	2
1 1 1 2 1 3 1 1	1	1,470	1,470	0.00	0	0	0	0
3 6 2 2 3 3 1 3	1	1,469	1,469	0.00	0	0	1	1
3 5 2 1 1 2 2 3	7	210	1,468	0.00	0	0	0	0
2 6 1 1 3 3 1 3	2	733	1,465	0.00	0	0	0	0
2 7 2 1 3 3 1 2	5	293	1,465	0.00	0	0	1	1
1 1 2 3 3 2 1 3	3	488	1,465	0.00	0	1	0	1
3 3 2 2 3 3 1 1	2	731	1,462	0.00	0	0	0	0
2 (12) 1 1 1 2 1 2	2	730	1,460	0.00	1	0	0	1
4 6 2 3 1 3 1 1	2	730	1,459	0.00	0	0	0	0
1 2 2 1 3 2 1 3	2	729	1,457	0.00	0	0	0	0
3 5 2 2 4 2 1 2	1	1,456	1,456	0.00	0	0	0	0
1 1 3 2 4 1 2 3	1	1,456	1,456	0.00	1	1	0	2
3 (12) 1 2 2 3 1 3	1	1,456	1,456	0.00	0	0	0	0
2 1 2 1 3 3 3 4	5	291	1,456	0.00	0	0	0	0
2 (12) 2 2 2 3 1 3	2	728	1,455	0.00	0	1	0	1
2 7 3 3 2 3 2 2	3	484	1,453	0.00	0	0	0	0
2 3 1 3 3 2 2 1	1	1,452	1,452	0.00	1	1	0	2
1 (13) 2 2 2 3 1 2	1	1,452	1,452	0.00	0	0	0	0
1 2 1 2 4 3 2 2	3	484	1,452	0.00	0	0	0	0
4 3 1 3 3 2 2 1	2	725	1,451	0.00	1	1	0	2
2 2 1 2 3 3 2 3	1	1,448	1,448	0.00	0	0	0	0
2 2 4 3 3 2 1 2	1	1,448	1,448	0.00	0	0	0	0
2 3 3 2 3 3 3 4	4	362	1,448	0.00	1	0	0	1
1 1 2 2 4 2 2 3	2	723	1,447	0.00	1	0	0	1
3 2 1 2 2 3 2 1	4	360	1,441	0.00	1	1	0	2
1 5 2 1 1 2 2 2	2	720	1,441	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 4 1 4 3 2 3	5	288	1,440	0.00	0	0	0	0
1 2 4 1 5 2 3 4	4	360	1,440	0.00	0	1	0	1
1 1 2 1 4 3 2 2	4	360	1,439	0.00	0	0	0	0
4 3 2 2 3 3 1 1	4	359	1,435	0.00	0	0	0	0
2 7 2 3 3 3 2 1	3	478	1,435	0.00	0	0	0	0
1 7 4 3 2 3 1 3	1	1,433	1,433	0.00	0	0	0	0
1 2 2 1 3 2 2 2	2	715	1,430	0.00	0	0	0	0
3 6 1 3 2 3 1 2	1	1,427	1,427	0.00	0	0	0	0
2 6 2 1 3 2 2 3	1	1,425	1,425	0.00	0	0	0	0
3 2 4 3 1 2 1 3	1	1,424	1,424	0.00	0	0	0	0
2 2 1 1 3 3 1 3	1	1,423	1,423	0.00	0	0	0	0
2 1 1 2 1 3 1 1	2	710	1,419	0.00	0	0	0	0
1 7 4 2 3 3 2 3	2	709	1,418	0.00	0	0	0	0
4 5 2 1 1 3 1 1	5	283	1,417	0.00	0	0	0	0
4 7 1 2 2 3 1 1	1	1,416	1,416	0.00	0	1	0	1
2 5 3 1 4 2 2 2	6	235	1,408	0.00	0	0	0	0
2 4 2 3 4 3 1 2	1	1,406	1,406	0.00	0	0	0	0
2 1 3 1 4 3 1 1	1	1,405	1,405	0.00	0	0	0	0
2 3 3 3 5 3 3 4	4	351	1,405	0.00	0	1	0	1
3 2 2 1 1 3 2 1	1	1,403	1,403	0.00	0	0	0	0
1 9 3 1 1 2 1 3	1	1,400	1,400	0.00	0	0	0	0
3 3 3 1 4 3 1 3	2	698	1,397	0.00	1	0	0	1
3 5 2 3 4 3 2 1	5	279	1,395	0.00	0	0	0	0
3 7 2 1 3 2 2 1	1	1,394	1,394	0.00	1	1	0	2
1 3 3 1 1 3 2 3	4	349	1,394	0.00	1	0	0	1
2 1 3 1 4 2 2 2	2	696	1,393	0.00	0	0	0	0
1 2 4 3 3 2 2 1	1	1,393	1,393	0.00	0	0	0	0
3 6 2 2 2 3 2 1	3	464	1,392	0.00	0	0	0	0
2 2 2 3 1 2 2 1	1	1,389	1,389	0.00	0	0	0	0
2 3 4 1 4 3 2 1	3	463	1,389	0.00	0	1	0	1
2 3 3 3 4 3 2 3	1	1,388	1,388	0.00	0	0	0	0
2 7 4 1 2 2 2 1	2	693	1,387	0.00	1	0	0	1
2 3 4 3 2 3 2 3	1	1,381	1,381	0.00	0	0	0	0
6 3 3 1 1 3 1 3	1	1,381	1,381	0.00	0	0	0	0
2 1 4 2 1 3 1 1	3	460	1,379	0.00	0	1	0	1
2 6 3 2 1 3 1 2	1	1,379	1,379	0.00	1	1	0	2
2 3 3 2 3 2 2 2	1	1,377	1,377	0.00	0	0	0	0
2 6 2 1 1 2 1 3	3	459	1,377	0.00	0	0	1	1
2 1 4 3 1 2 2 3	1	1,374	1,374	0.00	1	0	0	1
2 1 4 3 1 3 3 4	4	343	1,372	0.00	0	1	0	1
1 6 2 2 2 3 1 3	1	1,372	1,372	0.00	0	0	0	0
2 3 2 3 2 3 1 1	2	686	1,371	0.00	0	0	1	1
3 6 3 3 4 3 3 4	1	1,371	1,371	0.00	0	0	0	0
4 6 2 2 3 3 2 1	1	1,365	1,365	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 5 2 1 1 3 2 3	7	195	1,365	0.00	0	0	0	0
1 3 3 1 3 2 2 1	1	1,365	1,365	0.00	0	0	0	0
2 3 2 2 1 2 1 1	1	1,364	1,364	0.00	1	1	1	3
3 5 1 1 2 2 1 3	8	170	1,363	0.00	0	0	0	0
2 (13) 2 2 1 3 2 2	2	682	1,363	0.00	0	0	0	0
5 (13) 2 2 2 3 1 2	1	1,363	1,363	0.00	0	0	0	0
1 2 2 1 5 3 3 4	3	454	1,362	0.00	0	0	0	0
3 3 4 3 1 3 1 2	2	681	1,361	0.00	0	0	0	0
2 2 3 2 4 2 1 2	4	340	1,361	0.00	0	0	0	0
4 6 1 3 1 2 1 1	1	1,360	1,360	0.00	1	1	1	3
6 (12) 1 1 1 3 1 1	3	452	1,357	0.00	0	0	0	0
3 2 2 3 5 3 1 3	3	452	1,357	0.00	0	0	0	0
1 6 4 2 4 3 1 2	2	677	1,354	0.00	0	0	0	0
2 2 3 2 4 3 2 1	2	676	1,352	0.00	1	1	0	2
1 4 4 3 4 3 1 3	1	1,352	1,352	0.00	0	0	0	0
4 7 2 3 3 3 1 3	5	270	1,351	0.00	0	0	0	0
1 6 3 1 4 2 1 3	2	674	1,348	0.00	1	0	0	1
2 3 2 1 1 2 2 2	1	1,348	1,348	0.00	1	1	0	2
1 5 3 1 4 3 2 2	8	168	1,346	0.00	0	0	0	0
1 3 2 3 1 3 1 1	3	449	1,346	0.00	0	0	0	0
2 3 4 3 1 3 2 2	4	336	1,344	0.00	0	1	0	1
1 6 4 1 4 3 2 3	5	268	1,341	0.00	0	0	0	0
3 2 3 1 3 2 2 1	1	1,341	1,341	0.00	0	0	0	0
1 6 3 1 2 3 1 3	4	335	1,341	0.00	0	0	0	0
2 2 1 1 1 2 1 3	2	670	1,341	0.00	0	0	0	0
1 5 4 1 3 2 1 3	6	223	1,339	0.00	0	0	0	0
1 5 1 2 4 2 3 4	5	268	1,339	0.00	0	0	0	0
1 5 3 1 3 3 2 1	3	446	1,338	0.00	0	0	0	0
4 5 1 3 1 3 2 3	4	334	1,337	0.00	0	0	0	0
2 1 1 3 4 2 1 2	1	1,337	1,337	0.00	0	0	0	0
2 2 4 2 2 2 1 2	1	1,336	1,336	0.00	0	0	0	0
1 3 3 3 5 3 1 3	3	445	1,336	0.00	0	0	0	0
1 5 2 2 3 3 2 2	3	445	1,334	0.00	0	0	0	0
1 7 3 1 2 3 2 2	1	1,333	1,333	0.00	0	0	0	0
2 3 1 3 3 3 1 3	4	333	1,332	0.00	1	0	0	1
2 2 4 3 1 2 2 3	1	1,331	1,331	0.00	0	0	0	0
2 2 4 3 3 3 3 4	1	1,330	1,330	0.00	0	0	0	0
2 7 2 3 3 3 2 3	2	665	1,329	0.00	0	0	0	0
3 3 3 1 2 3 1 2	2	665	1,329	0.00	1	1	0	2
3 7 1 2 3 3 2 3	3	443	1,329	0.00	1	1	0	2
1 7 4 2 4 2 1 3	2	664	1,328	0.00	1	0	0	1
2 6 1 3 3 3 1 2	1	1,326	1,326	0.00	0	0	0	0
2 (13) 2 1 1 3 1 2	1	1,324	1,324	0.00	0	0	0	0
2 1 4 2 2 3 2 2	1	1,322	1,322	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 5 2 3 2 3 1 3	4	330	1,321	0.00	0	0	0	0
2 7 2 1 3 2 1 3	2	660	1,320	0.00	0	0	0	0
1 1 2 1 2 1 1 2	1	1,318	1,318	0.00	0	0	0	0
2 3 1 1 3 3 1 3	2	658	1,317	0.00	0	0	0	0
1 2 1 2 2 2 2 2	2	658	1,315	0.00	0	0	0	0
1 2 3 1 3 3 3 4	4	328	1,312	0.00	0	0	0	0
2 1 1 1 2 3 2 1	2	656	1,312	0.00	0	0	0	0
3 3 2 2 1 3 1 1	1	1,311	1,311	0.00	0	0	0	0
4 5 2 2 3 3 2 2	1	1,311	1,311	0.00	0	0	0	0
1 5 3 2 2 3 1 2	4	328	1,311	0.00	0	0	0	0
5 3 2 3 2 3 1 2	1	1,310	1,310	0.00	0	0	1	1
2 1 4 1 3 2 1 3	3	437	1,310	0.00	0	0	0	0
2 6 1 1 4 3 1 3	1	1,309	1,309	0.00	0	0	0	0
1 3 3 3 2 3 1 2	5	262	1,309	0.00	0	0	0	0
1 3 3 1 2 3 2 2	2	654	1,308	0.00	0	0	0	0
1 3 4 2 3 2 1 2	2	653	1,307	0.00	0	0	0	0
1 2 3 1 1 2 2 2	2	653	1,306	0.00	0	0	0	0
3 6 2 1 4 2 2 3	1	1,306	1,306	0.00	0	1	1	2
1 7 2 1 1 3 1 3	4	326	1,304	0.00	0	0	0	0
1 3 4 1 1 3 2 3	4	326	1,303	0.00	0	0	0	0
5 (13) 2 1 1 3 2 2	1	1,301	1,301	0.00	0	0	0	0
1 6 3 2 2 2 2 1	1	1,301	1,301	0.00	0	0	0	0
2 1 1 3 2 2 2 1	2	649	1,297	0.00	0	1	0	1
1 3 4 1 4 3 2 1	1	1,294	1,294	0.00	0	0	0	0
3 3 1 2 1 2 2 2	1	1,293	1,293	0.00	0	1	0	1
3 2 2 3 4 2 2 1	2	645	1,291	0.00	1	0	0	1
2 3 3 1 1 2 1 3	1	1,288	1,288	0.00	0	0	0	0
1 5 4 2 4 3 2 1	2	644	1,288	0.00	0	0	0	0
4 5 4 1 4 3 2 3	1	1,288	1,288	0.00	0	0	0	0
2 1 1 1 4 3 2 3	1	1,282	1,282	0.00	0	0	0	0
3 3 4 2 4 2 1 3	1	1,282	1,282	0.00	1	1	0	2
1 5 4 1 1 3 1 3	3	427	1,281	0.00	0	0	0	0
2 7 4 2 3 3 2 3	2	640	1,281	0.00	0	0	0	0
2 1 4 3 1 3 1 3	1	1,280	1,280	0.00	0	0	0	0
1 5 3 1 3 3 2 2	6	213	1,279	0.00	0	0	0	0
4 7 1 3 1 3 2 3	2	639	1,278	0.00	0	0	0	0
1 3 1 1 3 3 2 2	1	1,278	1,278	0.00	0	0	0	0
2 3 2 3 3 3 3 4	3	426	1,278	0.00	0	0	0	0
3 5 2 1 4 3 1 1	8	160	1,277	0.00	0	0	0	0
2 1 1 3 4 3 3 4	1	1,277	1,277	0.00	0	0	0	0
5 (12) 2 2 2 3 1 1	1	1,277	1,277	0.00	0	0	0	0
3 2 2 2 2 2 2 2	2	638	1,276	0.00	0	0	0	0
3 3 3 2 2 3 1 3	1	1,276	1,276	0.00	0	0	1	1
2 2 4 3 3 2 2 3	2	637	1,274	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 3 4 3 2 3 2 1	2	636	1,272	0.00	0	0	0	0
1 3 3 3 3 3 2 3	2	635	1,271	0.00	0	0	0	0
1 4 2 1 1 3 1 1	6	211	1,268	0.00	0	0	0	0
3 5 3 1 3 3 1 3	2	633	1,266	0.00	0	0	0	0
2 7 1 1 2 1 2 1	2	633	1,266	0.00	0	0	0	0
1 3 2 3 5 3 3 4	1	1,265	1,265	0.00	0	0	0	0
4 5 2 1 2 2 2 3	2	632	1,265	0.00	0	0	0	0
4 6 1 3 1 3 2 1	1	1,264	1,264	0.00	0	0	0	0
5 (13) 2 1 1 2 1 1	1	1,263	1,263	0.00	0	0	0	0
4 5 2 2 2 3 1 3	6	210	1,261	0.00	0	0	0	0
4 6 1 3 2 2 1 3	1	1,261	1,261	0.00	1	1	0	2
2 6 4 1 4 2 2 2	1	1,261	1,261	0.00	0	0	0	0
3 3 2 2 5 3 3 4	3	420	1,260	0.00	0	0	0	0
1 6 4 1 3 1 2 3	1	1,256	1,256	0.00	0	0	0	0
2 3 4 3 4 2 1 2	1	1,255	1,255	0.00	0	0	0	0
2 1 3 2 1 3 1 1	2	628	1,255	0.00	0	0	0	0
3 3 1 3 4 3 2 3	2	627	1,254	0.00	0	0	0	0
2 2 3 2 2 3 1 3	5	251	1,253	0.00	0	0	0	0
1 1 4 3 2 3 2 2	4	313	1,251	0.00	0	0	0	0
2 7 3 2 3 3 2 1	3	417	1,250	0.00	0	0	0	0
2 6 2 1 4 2 2 1	1	1,246	1,246	0.00	1	1	0	2
4 3 2 2 4 2 1 1	2	623	1,245	0.00	1	1	0	2
2 7 4 2 4 3 1 2	2	623	1,245	0.00	0	0	0	0
2 1 4 3 1 3 2 3	2	622	1,244	0.00	0	0	0	0
2 9 4 1 1 3 1 2	1	1,244	1,244	0.00	0	0	0	0
1 3 2 3 4 3 1 2	2	622	1,243	0.00	0	0	0	0
2 6 3 2 3 3 1 2	2	621	1,242	0.00	0	0	0	0
2 3 4 1 2 3 1 1	4	310	1,241	0.00	0	0	0	0
2 1 1 2 1 2 2 3	3	413	1,239	0.00	0	0	0	0
1 6 2 1 4 2 2 1	2	619	1,238	0.00	0	0	0	0
3 3 2 1 1 3 1 3	3	412	1,237	0.00	0	0	0	0
1 6 3 1 1 2 2 2	1	1,234	1,234	0.00	0	0	0	0
3 2 2 2 5 3 1 1	3	411	1,233	0.00	0	0	0	0
2 1 3 1 4 3 2 1	3	411	1,232	0.00	1	0	0	1
2 1 3 2 2 2 1 3	4	307	1,230	0.00	0	1	0	1
1 1 4 1 1 2 1 3	1	1,229	1,229	0.00	0	0	0	0
2 6 3 2 2 1 1 2	1	1,228	1,228	0.00	0	0	0	0
1 3 2 1 4 3 2 3	3	409	1,226	0.00	0	0	0	0
2 7 2 1 4 2 2 2	2	613	1,225	0.00	0	0	0	0
1 1 4 3 1 3 1 3	1	1,223	1,223	0.00	0	0	0	0
1 7 3 1 1 3 1 1	2	608	1,217	0.00	0	0	0	0
4 3 2 1 1 3 2 1	1	1,217	1,217	0.00	0	0	1	1
4 6 1 2 1 3 2 1	2	608	1,216	0.00	0	0	0	0
1 3 3 2 1 3 2 3	4	304	1,214	0.00	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 7 2 1 1 2 1 2	3	404	1,211	0.00	0	0	0	0
1 2 3 1 1 2 2 3	1	1,210	1,210	0.00	0	0	0	0
2 6 2 1 3 3 1 2	5	242	1,210	0.00	0	1	0	1
1 3 1 2 4 3 1 2	2	604	1,208	0.00	0	0	0	0
1 7 3 2 1 2 1 3	2	604	1,207	0.00	0	0	0	0
4 3 3 1 4 3 1 1	4	301	1,205	0.00	0	0	0	0
2 (13) 2 2 3 3 1 2	1	1,205	1,205	0.00	0	0	0	0
1 2 2 2 1 2 2 2	2	601	1,201	0.00	0	0	0	0
2 1 4 1 2 2 2 1	2	600	1,200	0.00	0	0	0	0
3 3 2 3 3 3 3 4	4	300	1,198	0.00	0	0	0	0
1 5 2 1 3 3 1 1	4	300	1,198	0.00	0	0	0	0
1 2 3 2 3 2 2 1	1	1,196	1,196	0.00	0	0	0	0
2 5 3 1 3 3 1 3	4	299	1,195	0.00	0	0	0	0
2 6 3 1 4 3 2 3	3	398	1,193	0.00	0	0	0	0
2 1 3 3 2 3 2 3	4	298	1,191	0.00	0	0	0	0
3 5 2 1 1 2 1 3	2	595	1,190	0.00	0	0	0	0
1 1 4 3 4 1 1 2	3	397	1,190	0.00	1	0	0	1
5 (12) 3 1 2 3 1 3	2	595	1,190	0.00	0	0	0	0
3 6 2 1 2 3 1 2	3	396	1,187	0.00	1	1	0	2
2 2 1 1 2 2 1 2	2	593	1,187	0.00	0	1	0	1
2 5 2 1 3 3 3 4	5	237	1,186	0.00	0	0	0	0
1 1 1 3 2 3 1 3	3	395	1,185	0.00	0	0	0	0
2 2 4 1 4 2 1 3	2	592	1,185	0.00	0	0	0	0
2 1 4 1 4 2 1 1	3	395	1,184	0.00	0	0	0	0
1 6 3 1 4 2 3 4	1	1,183	1,183	0.00	0	0	0	0
2 3 3 2 3 3 2 2	1	1,183	1,183	0.00	0	0	0	0
2 9 2 3 2 3 2 3	1	1,182	1,182	0.00	0	0	0	0
1 1 2 3 4 2 1 2	2	591	1,182	0.00	0	0	0	0
3 2 2 1 1 2 1 2	7	168	1,178	0.00	1	0	1	2
1 2 3 2 2 3 2 2	2	588	1,175	0.00	0	0	0	0
4 7 2 1 2 1 2 1	1	1,173	1,173	0.00	1	1	0	2
1 2 3 1 3 3 2 1	2	586	1,172	0.00	0	1	0	1
1 5 2 2 1 3 3 4	1	1,171	1,171	0.00	0	0	0	0
4 6 1 1 2 3 1 3	2	585	1,170	0.00	1	1	1	3
1 7 2 1 4 1 2 1	1	1,169	1,169	0.00	0	0	0	0
4 6 2 2 2 3 2 3	2	584	1,168	0.00	0	0	0	0
1 6 3 2 2 3 1 3	4	292	1,167	0.00	1	1	0	2
4 5 1 1 4 3 2 1	5	233	1,166	0.00	0	0	0	0
1 1 4 2 4 2 2 3	1	1,166	1,166	0.00	0	0	0	0
2 3 2 1 2 1 2 3	1	1,166	1,166	0.00	1	1	0	2
1 2 4 1 1 2 2 3	1	1,164	1,164	0.00	0	0	0	0
1 2 3 2 3 3 1 3	4	291	1,162	0.00	0	0	0	0
3 2 4 2 3 2 1 2	3	387	1,162	0.00	0	1	0	1
4 3 1 2 4 3 1 2	3	387	1,162	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
6 1 2 3 1 3 1 1	1	1,162	1,162	0.00	0	0	0	0
1 1 4 3 3 2 2 2	2	581	1,161	0.00	0	0	0	0
2 1 4 3 4 2 1 3	1	1,161	1,161	0.00	0	0	0	0
4 5 2 1 4 3 1 2	5	232	1,160	0.00	0	0	0	0
2 3 4 2 1 3 1 3	2	580	1,160	0.00	0	1	0	1
1 3 4 3 2 3 2 2	1	1,159	1,159	0.00	0	0	0	0
1 5 2 2 1 3 2 3	3	386	1,159	0.00	0	0	0	0
2 6 2 1 4 2 2 2	2	579	1,159	0.00	1	1	0	2
2 3 3 3 3 3 1 1	1	1,157	1,157	0.00	0	0	0	0
3 3 2 1 1 3 3 4	1	1,156	1,156	0.00	0	0	0	0
2 5 4 2 4 3 1 3	3	385	1,155	0.00	0	0	0	0
2 3 4 1 1 3 2 2	2	577	1,154	0.00	1	0	0	1
1 (12) 1 1 1 3 1 3	1	1,154	1,154	0.00	0	0	0	0
1 7 1 3 4 3 1 3	1	1,153	1,153	0.00	0	0	0	0
2 5 4 2 4 2 3 4	8	144	1,153	0.00	0	0	0	0
1 2 2 1 1 3 2 3	1	1,152	1,152	0.00	0	0	0	0
1 2 2 1 1 3 2 2	1	1,151	1,151	0.00	0	0	0	0
2 1 1 3 1 3 2 3	1	1,151	1,151	0.00	1	1	0	2
2 1 1 3 4 3 1 3	1	1,150	1,150	0.00	0	1	0	1
6 9 1 1 2 3 1 3	3	383	1,149	0.00	0	0	0	0
1 5 3 1 2 3 1 3	3	383	1,149	0.00	0	0	0	0
2 (12) 2 1 2 2 1 2	1	1,148	1,148	0.00	0	0	0	0
2 6 4 3 4 3 3 4	4	287	1,147	0.00	0	0	0	0
1 7 4 1 3 2 2 1	1	1,147	1,147	0.00	0	0	0	0
1 2 3 1 2 1 2 3	1	1,147	1,147	0.00	0	0	0	0
2 7 1 1 3 3 1 3	2	572	1,145	0.00	1	0	0	1
1 1 3 3 2 2 1 3	1	1,144	1,144	0.00	0	0	0	0
2 6 3 1 1 3 1 2	2	572	1,143	0.00	0	0	0	0
1 7 2 3 3 2 1 2	1	1,143	1,143	0.00	0	0	0	0
2 2 2 3 1 3 2 1	2	571	1,143	0.00	0	0	0	0
4 7 2 1 4 3 1 1	2	571	1,143	0.00	1	0	1	2
2 5 3 1 3 3 2 2	4	286	1,142	0.00	0	0	0	0
1 1 3 1 2 1 2 3	1	1,142	1,142	0.00	0	0	0	0
1 4 2 1 4 3 2 3	1	1,139	1,139	0.00	0	0	0	0
1 5 4 1 3 3 2 1	1	1,139	1,139	0.00	0	0	0	0
1 3 3 2 2 2 1 2	2	569	1,139	0.00	0	0	0	0
1 1 2 1 1 3 3 4	1	1,138	1,138	0.00	0	0	0	0
2 6 1 1 3 3 1 2	1	1,137	1,137	0.00	0	0	0	0
2 9 4 2 1 3 1 2	2	568	1,135	0.00	0	0	0	0
1 2 4 2 3 2 2 1	2	568	1,135	0.00	0	0	0	0
2 6 4 2 2 3 1 3	4	284	1,135	0.00	0	0	0	0
1 6 1 1 2 3 2 3	1	1,135	1,135	0.00	0	0	0	0
1 6 4 2 4 3 1 1	1	1,134	1,134	0.00	0	0	0	0
4 3 1 3 3 2 1 3	3	377	1,132	0.00	1	1	1	3

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2 7 2 1 2 2 1 3	1	1,128	1,128	0.00	0	1	0	1
2 3 1 1 2 3 1 3	5	225	1,127	0.00	0	0	0	0
1 5 2 2 3 2 1 3	2	563	1,127	0.00	0	0	0	0
1 7 4 1 4 2 1 2	5	225	1,126	0.00	0	0	0	0
1 5 3 1 1 2 1 3	5	225	1,126	0.00	0	0	0	0
1 5 2 1 3 3 2 3	7	161	1,126	0.00	0	0	0	0
2 (12) 3 1 2 3 1 2	1	1,125	1,125	0.00	0	0	0	0
1 3 4 1 4 2 1 3	2	562	1,124	0.00	0	1	0	1
1 5 3 1 4 2 1 3	3	374	1,123	0.00	0	0	0	0
4 7 2 3 4 3 3 4	2	561	1,122	0.00	0	0	0	0
2 1 2 1 3 2 3 4	3	373	1,120	0.00	0	0	0	0
3 3 1 2 1 2 1 3	3	373	1,119	0.00	1	1	0	2
2 5 3 1 4 2 1 2	6	186	1,118	0.00	0	0	0	0
3 2 4 2 2 3 1 3	3	373	1,118	0.00	0	0	0	0
1 3 1 1 3 3 1 2	1	1,117	1,117	0.00	0	0	0	0
5 3 2 1 1 3 1 2	1	1,117	1,117	0.00	0	0	0	0
1 6 2 1 1 2 1 2	1	1,117	1,117	0.00	0	0	0	0
2 2 2 1 3 2 2 2	2	557	1,114	0.00	0	0	0	0
2 5 1 1 1 3 1 3	8	139	1,114	0.00	0	0	0	0
3 7 1 1 2 2 1 3	1	1,111	1,111	0.00	1	0	0	1
4 3 1 2 2 2 1 1	1	1,110	1,110	0.00	1	0	1	2
4 7 2 1 1 3 1 3	5	221	1,107	0.00	0	0	1	1
1 1 1 1 4 3 2 1	2	553	1,107	0.00	0	0	0	0
4 6 2 2 3 3 2 3	2	552	1,104	0.00	0	0	0	0
1 4 2 1 4 3 1 2	1	1,102	1,102	0.00	0	0	0	0
2 3 4 2 4 2 2 3	3	367	1,101	0.00	1	0	0	1
1 3 2 2 2 3 2 1	1	1,100	1,100	0.00	0	0	0	0
1 3 2 3 1 2 2 3	1	1,095	1,095	0.00	1	1	0	2
3 2 4 2 2 3 2 3	2	548	1,095	0.00	0	0	0	0
2 1 1 1 3 3 2 2	1	1,094	1,094	0.00	0	0	0	0
3 3 1 3 4 3 1 1	4	273	1,093	0.00	1	0	0	1
2 3 2 1 1 3 1 1	2	546	1,093	0.00	0	0	0	0
5 (12) 3 2 2 3 2 2	1	1,089	1,089	0.00	0	0	0	0
5 (12) 2 1 2 3 2 3	3	363	1,088	0.00	0	0	0	0
2 5 4 1 3 1 2 3	4	271	1,085	0.00	0	0	0	0
4 6 1 1 3 3 1 3	2	542	1,085	0.00	1	0	0	1
1 5 3 2 4 3 2 3	3	361	1,083	0.00	0	0	0	0
2 3 3 1 2 2 2 3	1	1,082	1,082	0.00	1	0	0	1
2 3 2 1 2 1 1 2	1	1,079	1,079	0.00	0	0	0	0
4 5 2 2 4 3 1 1	5	216	1,078	0.00	0	0	0	0
2 7 4 1 1 3 2 2	1	1,077	1,077	0.00	1	0	0	1
2 1 2 1 4 3 2 1	2	538	1,077	0.00	0	0	0	0
1 5 3 2 4 2 1 2	5	215	1,076	0.00	0	0	0	0
2 5 4 1 3 3 2 2	2	537	1,074	0.00	0	0	1	1

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 3 4 3 5 3 1 1	2	537	1,074	0.00	0	0	0	0
2 1 4 2 4 2 2 3	2	537	1,073	0.00	0	0	0	0
2 6 2 1 2 1 2 1	2	536	1,073	0.00	0	0	0	0
1 5 3 2 1 3 2 2	3	357	1,072	0.00	0	0	0	0
4 5 1 2 2 2 2 2	1	1,072	1,072	0.00	0	0	0	0
4 5 1 2 4 2 1 3	2	536	1,071	0.00	0	0	0	0
2 7 2 1 1 3 1 2	1	1,069	1,069	0.00	0	0	0	0
1 3 2 1 3 3 2 3	3	356	1,067	0.00	0	0	0	0
2 1 4 3 1 2 1 3	3	355	1,066	0.00	0	0	0	0
2 2 4 3 2 3 1 3	4	266	1,065	0.00	1	1	0	2
1 2 4 2 5 2 3 4	1	1,064	1,064	0.00	0	0	0	0
2 1 2 2 4 1 1 2	1	1,063	1,063	0.00	0	0	0	0
3 3 4 2 1 2 2 3	1	1,063	1,063	0.00	1	1	0	2
1 3 2 2 4 3 2 2	1	1,062	1,062	0.00	0	0	0	0
2 2 3 3 3 2 2 3	2	530	1,059	0.00	0	1	0	1
2 3 4 2 2 3 2 1	3	353	1,058	0.00	0	0	0	0
2 (13) 2 2 1 3 1 2	1	1,058	1,058	0.00	0	0	0	0
3 7 4 2 3 3 1 3	2	529	1,058	0.00	0	0	0	0
2 1 4 1 4 3 2 1	2	529	1,057	0.00	0	0	0	0
1 3 2 1 3 3 1 3	3	352	1,057	0.00	0	0	0	0
3 7 2 3 4 2 2 2	1	1,056	1,056	0.00	0	0	0	0
2 7 4 1 2 3 2 2	2	528	1,056	0.00	0	0	0	0
2 3 2 3 3 3 1 1	1	1,054	1,054	0.00	0	0	0	0
4 5 2 3 1 3 2 3	5	211	1,054	0.00	0	0	0	0
4 5 2 2 1 3 2 1	3	351	1,053	0.00	0	0	0	0
3 6 4 2 4 3 1 2	3	351	1,052	0.00	1	0	0	1
1 1 3 1 1 2 2 3	2	526	1,051	0.00	0	0	0	0
2 3 3 3 4 3 2 1	3	350	1,050	0.00	0	0	0	0
2 2 3 2 3 2 2 2	2	525	1,050	0.00	0	0	0	0
2 1 3 3 4 3 2 2	2	524	1,047	0.00	0	0	0	0
2 7 4 1 3 3 3 4	1	1,047	1,047	0.00	0	0	0	0
1 1 4 2 4 2 2 2	3	349	1,047	0.00	0	0	0	0
2 7 2 2 2 3 1 3	4	261	1,046	0.00	0	0	0	0
1 1 4 1 2 1 2 3	2	523	1,046	0.00	0	0	0	0
2 7 4 1 3 3 1 3	3	348	1,045	0.00	1	0	0	1
2 5 1 2 2 3 1 2	5	209	1,044	0.00	0	0	0	0
2 3 2 1 4 3 1 1	4	260	1,041	0.00	0	0	0	0
1 6 4 2 3 3 1 3	2	521	1,041	0.00	0	0	0	0
4 6 2 3 2 3 3 4	4	260	1,041	0.00	0	0	0	0
2 7 3 1 3 3 1 3	1	1,039	1,039	0.00	0	0	0	0
1 6 2 3 1 2 2 3	1	1,038	1,038	0.00	0	0	0	0
2 5 3 1 4 3 2 2	3	346	1,038	0.00	0	0	0	0
1 2 4 2 3 2 2 3	2	518	1,036	0.00	0	0	0	0
4 3 1 3 5 2 3 4	1	1,036	1,036	0.00	0	0	0	0

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4 3 2 2 4 2 2 3	2	517	1,034	0.00	0	0	0	0
1 7 4 1 5 1 3 4	1	1,034	1,034	0.00	0	0	0	0
2 6 2 3 4 3 2 2	1	1,032	1,032	0.00	0	0	0	0
2 7 4 2 3 3 1 2	6	172	1,031	0.00	0	0	0	0
2 5 3 2 1 3 1 2	2	515	1,031	0.00	0	0	0	0
2 1 3 3 4 3 1 2	4	257	1,030	0.00	0	0	0	0
2 2 3 3 4 3 2 1	2	513	1,026	0.00	0	0	0	0
1 5 2 3 2 3 2 2	1	1,026	1,026	0.00	0	1	0	1
2 7 2 3 4 2 1 3	2	513	1,026	0.00	0	0	0	0
3 5 1 1 2 3 2 3	5	205	1,025	0.00	0	0	0	0
1 7 3 3 1 3 1 2	3	342	1,025	0.00	0	0	0	0
2 1 3 1 4 2 1 1	1	1,024	1,024	0.00	0	0	0	0
2 2 3 1 4 2 1 3	5	205	1,023	0.00	0	0	0	0
1 7 2 2 1 2 1 2	1	1,022	1,022	0.00	0	0	0	0
2 1 1 1 3 2 2 3	1	1,021	1,021	0.00	0	0	0	0
2 2 1 3 2 2 1 2	1	1,020	1,020	0.00	0	0	0	0
4 3 3 1 5 3 1 1	2	509	1,019	0.00	0	0	0	0
2 2 2 2 2 2 2 3	3	340	1,019	0.00	0	1	1	2
2 3 2 2 2 3 2 2	4	255	1,019	0.00	0	0	0	0
1 5 2 2 3 2 1 2	3	339	1,018	0.00	0	0	0	0
1 1 2 2 4 3 2 1	3	339	1,018	0.00	0	0	0	0
1 4 3 1 1 2 1 2	4	254	1,016	0.00	0	0	0	0
5 (13) 1 1 1 3 1 1	2	508	1,016	0.00	0	0	0	0
2 3 4 3 1 2 2 3	1	1,015	1,015	0.00	0	0	0	0
4 5 1 1 4 3 2 2	4	254	1,015	0.00	0	0	0	0
2 3 3 2 2 3 1 3	2	508	1,015	0.00	0	0	0	0
2 6 2 2 3 2 2 1	1	1,015	1,015	0.00	0	0	0	0
4 3 1 1 2 2 2 3	2	507	1,015	0.00	0	1	0	1
2 3 2 2 5 3 3 4	3	337	1,011	0.00	0	0	0	0
2 1 3 1 1 3 2 1	3	337	1,011	0.00	0	0	0	0
3 3 3 2 3 3 2 3	4	252	1,010	0.00	0	0	0	0
1 5 4 2 4 3 2 3	7	144	1,009	0.00	0	0	0	0
5 3 2 1 2 3 1 3	2	504	1,008	0.00	0	0	0	0
2 5 2 1 5 3 1 1	2	503	1,006	0.00	0	0	0	0
1 (13) 2 2 1 3 1 2	1	1,004	1,004	0.00	0	0	0	0
2 7 4 3 4 3 1 3	2	502	1,003	0.00	0	0	0	0
1 3 3 2 3 2 1 3	1	1,001	1,001	0.00	0	0	0	0
1 5 1 2 4 3 3 4	3	334	1,001	0.00	0	0	0	0
1 7 3 1 3 3 2 2	1	1,001	1,001	0.00	0	0	0	0
1 2 2 3 3 3 3 4	3	334	1,001	0.00	0	0	0	0
1 1 3 1 2 3 2 3	5	200	999	0.00	0	0	0	0
1 5 3 1 2 3 2 3	4	250	999	0.00	0	0	0	0
3 6 2 3 3 2 2 3	3	333	998	0.00	0	1	0	1
1 7 3 1 3 2 2 2	1	997	997	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 3 1 1 3 2 1 3	2	499	997	0.00	1	0	0	1
4 3 1 2 1 2 1 3	1	996	996	0.00	1	0	0	1
1 3 2 2 4 3 2 1	1	995	995	0.00	0	0	0	0
4 3 3 3 4 2 3 4	2	496	993	0.00	0	0	0	0
4 3 1 1 3 3 1 2	3	331	992	0.00	0	0	0	0
4 6 2 3 5 3 1 1	1	992	992	0.00	0	0	0	0
1 5 2 1 2 2 2 3	5	198	991	0.00	0	0	0	0
1 3 3 1 4 3 2 3	1	988	988	0.00	0	0	0	0
1 7 2 3 4 1 1 3	1	986	986	0.00	0	0	0	0
3 3 1 3 3 3 2 1	2	493	986	0.00	0	0	1	1
2 1 4 1 4 2 2 3	2	493	986	0.00	0	0	0	0
4 3 3 1 4 3 1 3	4	245	982	0.00	0	1	1	2
1 2 2 1 4 2 2 3	2	491	981	0.00	0	0	0	0
2 7 3 2 4 3 1 2	3	327	981	0.00	0	0	0	0
1 2 4 2 1 2 2 2	1	979	979	0.00	0	0	0	0
3 3 2 3 5 3 1 1	1	978	978	0.00	0	0	0	0
2 6 2 1 4 2 2 3	3	326	978	0.00	0	0	0	0
1 6 4 2 1 3 1 2	2	488	977	0.00	0	0	0	0
2 5 4 1 2 3 1 3	5	195	976	0.00	0	0	0	0
3 6 1 3 3 3 2 3	2	488	976	0.00	0	0	0	0
3 2 2 3 2 2 2 1	1	975	975	0.00	0	0	0	0
2 5 2 2 2 2 1 3	6	162	974	0.00	0	0	0	0
3 2 4 3 2 3 1 3	4	243	972	0.00	1	0	0	1
2 6 4 2 4 3 2 1	1	971	971	0.00	0	0	0	0
1 5 2 1 4 2 1 3	3	324	971	0.00	0	0	0	0
5 (12) 2 1 2 3 1 1	4	242	970	0.00	0	0	0	0
3 2 1 3 3 3 2 1	2	485	969	0.00	0	0	0	0
2 7 3 1 4 3 1 3	3	323	968	0.00	0	0	0	0
1 1 2 1 4 2 2 2	2	484	968	0.00	0	0	0	0
2 2 4 3 3 2 2 2	2	484	967	0.00	0	0	0	0
1 1 2 3 4 2 2 1	1	967	967	0.00	0	0	0	0
2 2 2 2 2 2 2 1	2	484	967	0.00	0	0	0	0
2 3 3 3 1 2 2 3	1	967	967	0.00	1	0	0	1
2 1 4 1 2 3 2 3	4	241	966	0.00	1	0	0	1
1 7 3 1 4 2 2 2	3	322	965	0.00	0	0	0	0
3 3 4 2 5 3 1 1	1	965	965	0.00	0	0	0	0
3 6 2 2 4 3 1 1	2	483	965	0.00	0	0	0	0
4 7 1 3 4 3 1 3	2	483	965	0.00	0	0	1	1
2 2 3 3 2 3 2 2	1	965	965	0.00	0	0	0	0
3 3 3 3 2 3 1 3	1	964	964	0.00	1	0	0	1
1 5 2 2 2 2 2 1	2	481	963	0.00	0	0	0	0
1 2 4 3 3 3 1 2	1	962	962	0.00	0	0	0	0
2 7 2 3 2 2 2 1	1	962	962	0.00	0	0	0	0
3 7 2 3 2 2 1 2	4	240	961	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 4 1 4 2 2 2	2	480	959	0.00	0	0	0	0
3 7 2 2 3 3 1 2	2	479	959	0.00	0	1	0	1
2 1 4 3 2 3 2 2	2	479	958	0.00	0	0	0	0
1 7 2 1 3 2 2 1	1	958	958	0.00	0	0	0	0
1 5 4 1 3 2 2 2	6	160	957	0.00	0	0	0	0
2 2 2 1 4 2 1 1	1	954	954	0.00	0	0	0	0
2 2 1 1 1 3 2 3	1	954	954	0.00	0	0	0	0
2 7 1 2 2 3 1 2	1	953	953	0.00	0	0	0	0
2 3 3 2 4 3 2 1	1	952	952	0.00	0	0	0	0
2 5 1 2 4 3 2 1	1	951	951	0.00	0	0	0	0
1 5 1 2 4 2 1 2	3	317	950	0.00	0	0	0	0
2 3 3 2 2 2 2 1	1	949	949	0.00	0	0	0	0
2 2 2 3 4 3 2 1	2	474	948	0.00	1	1	0	2
1 1 2 3 4 2 2 2	1	945	945	0.00	0	0	0	0
2 3 4 2 1 2 2 3	1	945	945	0.00	0	0	0	0
2 6 3 1 2 2 2 1	1	944	944	0.00	0	0	0	0
3 5 1 2 2 3 2 1	2	472	944	0.00	0	0	0	0
4 3 3 2 4 2 1 3	1	943	943	0.00	1	1	1	3
4 3 1 2 3 3 1 2	5	189	943	0.00	0	0	0	0
2 7 3 1 4 3 3 4	5	188	941	0.00	0	0	0	0
1 7 3 2 3 2 1 2	3	314	941	0.00	0	0	0	0
3 5 3 1 4 3 1 3	3	313	940	0.00	0	0	0	0
1 2 1 1 2 3 1 3	1	939	939	0.00	0	0	0	0
1 6 3 3 4 3 1 2	1	936	936	0.00	0	0	0	0
2 1 2 3 1 2 1 1	2	467	935	0.00	0	0	0	0
2 3 3 1 4 3 1 1	2	467	934	0.00	0	0	0	0
3 3 4 1 5 3 3 4	1	934	934	0.00	0	0	0	0
3 3 3 1 2 3 2 1	1	930	930	0.00	0	0	0	0
1 7 2 1 3 2 1 1	1	930	930	0.00	0	0	0	0
3 6 2 2 2 3 2 2	3	310	929	0.00	0	1	1	2
2 6 4 1 2 3 2 1	3	309	926	0.00	0	0	1	1
1 6 3 2 4 3 3 4	4	231	925	0.00	0	0	0	0
3 2 4 2 4 3 2 2	2	462	925	0.00	0	0	0	0
1 4 4 1 1 3 1 2	1	924	924	0.00	0	0	0	0
2 1 1 3 4 2 2 2	2	462	923	0.00	0	0	0	0
2 6 2 3 5 3 3 4	3	308	923	0.00	0	0	0	0
1 5 4 1 4 3 2 1	5	184	922	0.00	0	0	0	0
1 7 2 3 4 2 3 4	1	921	921	0.00	0	0	0	0
3 3 2 3 4 2 1 2	1	919	919	0.00	1	1	0	2
1 3 2 1 4 2 2 2	3	306	918	0.00	0	0	0	0
2 2 4 3 3 3 2 3	3	305	916	0.00	0	0	0	0
3 2 2 1 2 3 2 2	4	229	915	0.00	0	0	0	0
2 3 3 1 1 3 1 2	2	457	914	0.00	0	0	0	0
6 (13) 2 1 2 3 3 4	2	457	914	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 3 3 2 1 3 2 1	1	912	912	0.00	0	0	0	0
1 3 4 2 5 3 1 3	1	912	912	0.00	0	0	0	0
2 3 1 1 2 3 2 2	1	910	910	0.00	0	0	0	0
4 3 3 2 4 2 3 4	1	909	909	0.00	0	0	0	0
2 2 3 2 5 2 3 4	2	455	909	0.00	0	0	0	0
5 (12) 2 2 1 3 1 2	1	909	909	0.00	0	0	0	0
1 5 3 2 3 3 2 3	2	454	908	0.00	0	0	0	0
1 7 2 1 3 2 2 2	2	453	907	0.00	0	0	0	0
1 3 3 1 1 3 3 4	3	302	907	0.00	0	0	0	0
2 3 2 3 5 3 3 4	2	453	907	0.00	0	0	0	0
1 6 3 1 4 3 2 2	1	905	905	0.00	0	0	0	0
1 7 4 3 2 3 1 2	2	453	905	0.00	0	0	0	0
2 1 2 3 4 2 1 1	2	452	905	0.00	0	0	0	0
2 1 1 1 4 1 2 1	1	904	904	0.00	1	1	0	2
3 5 3 2 3 3 1 3	2	452	903	0.00	0	0	0	0
1 3 1 2 3 3 1 3	3	301	903	0.00	0	0	0	0
3 7 1 3 2 3 2 2	2	451	902	0.00	0	0	0	0
1 1 3 2 2 2 2 3	2	451	901	0.00	0	0	0	0
2 7 3 3 3 2 2 2	1	901	901	0.00	0	0	0	0
3 3 4 1 4 3 1 3	2	450	899	0.00	0	0	0	0
3 3 3 2 1 3 1 3	2	450	899	0.00	0	0	0	0
1 7 2 1 2 3 1 3	4	225	899	0.00	0	0	0	0
1 4 3 1 3 3 1 2	1	899	899	0.00	0	0	0	0
1 5 2 1 5 3 3 4	4	225	899	0.00	0	0	0	0
1 1 4 2 4 3 2 2	3	299	898	0.00	0	0	0	0
3 3 1 2 3 3 1 3	2	449	898	0.00	0	0	0	0
2 2 2 1 3 3 3 4	5	179	897	0.00	0	0	0	0
1 1 4 3 3 3 2 3	2	448	897	0.00	0	0	0	0
4 6 1 2 2 3 1 2	3	299	896	0.00	1	0	0	1
2 7 3 1 1 3 1 3	1	896	896	0.00	0	0	0	0
2 9 3 2 1 2 1 3	1	894	894	0.00	1	0	0	1
4 3 2 1 1 3 1 2	4	223	893	0.00	0	1	0	1
1 3 2 1 4 3 2 1	2	446	891	0.00	0	0	0	0
4 7 1 1 2 3 2 3	1	890	890	0.00	0	0	0	0
1 7 2 1 2 2 2 3	2	445	890	0.00	0	0	0	0
2 6 2 3 3 3 2 2	1	890	890	0.00	0	0	0	0
2 5 1 1 5 3 1 1	2	445	889	0.00	0	0	0	0
3 7 4 1 2 3 2 1	1	889	889	0.00	0	0	0	0
4 5 2 1 1 2 1 3	3	296	888	0.00	0	0	0	0
2 7 2 1 2 3 1 3	3	296	888	0.00	1	0	1	2
2 3 3 3 4 2 2 1	1	887	887	0.00	0	0	0	0
1 7 4 1 4 3 2 3	3	296	887	0.00	0	0	0	0
2 6 2 2 3 3 2 1	1	886	886	0.00	0	0	0	0
3 2 2 1 3 3 3 4	5	177	885	0.00	1	0	0	1

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 3 1 2 2 1 3	1	885	885	0.00	0	0	0	0
1 1 4 3 4 1 2 3	2	442	885	0.00	0	0	0	0
2 1 1 1 2 2 2 2	3	295	884	0.00	0	0	0	0
1 5 1 1 1 3 2 3	2	442	883	0.00	0	0	0	0
2 6 2 2 4 2 2 3	2	441	882	0.00	0	0	0	0
2 3 3 1 4 3 2 3	3	294	882	0.00	0	0	0	0
3 3 4 3 1 2 2 3	2	441	881	0.00	1	1	0	2
2 5 3 2 1 3 1 3	3	293	880	0.00	0	0	0	0
1 3 3 2 2 2 2 3	1	877	877	0.00	0	0	0	0
6 (13) 2 2 2 3 1 1	6	146	876	0.00	0	0	0	0
1 1 1 3 2 3 2 3	2	438	875	0.00	0	0	0	0
1 3 4 2 2 3 2 2	2	437	875	0.00	0	0	0	0
2 5 2 1 1 3 1 1	2	437	874	0.00	0	0	0	0
3 7 2 3 1 2 2 3	1	873	873	0.00	1	1	1	3
1 5 2 3 3 3 1 1	3	291	872	0.00	0	0	0	0
2 1 1 1 2 1 2 1	2	436	872	0.00	0	0	0	0
2 1 3 2 4 2 2 2	5	174	871	0.00	0	0	0	0
1 1 2 3 4 3 1 1	1	870	870	0.00	0	0	0	0
4 6 2 1 2 3 1 3	4	217	870	0.00	0	0	0	0
3 2 4 3 2 2 1 2	2	434	868	0.00	0	0	0	0
3 2 3 3 4 3 1 3	3	289	867	0.00	0	0	0	0
1 1 2 1 2 2 1 1	1	867	867	0.00	0	0	0	0
3 6 2 2 2 3 1 3	2	433	866	0.00	1	0	0	1
2 5 2 2 3 2 2 1	4	216	866	0.00	0	0	0	0
2 3 3 3 4 2 1 2	1	865	865	0.00	0	0	0	0
3 6 2 1 2 3 2 2	2	431	862	0.00	0	0	0	0
1 3 4 2 4 3 1 1	3	287	862	0.00	0	0	0	0
1 3 2 2 5 3 1 3	1	861	861	0.00	0	0	0	0
1 5 1 1 3 3 2 2	3	287	860	0.00	0	0	0	0
2 2 3 1 1 3 1 1	1	859	859	0.00	0	0	0	0
4 5 1 1 2 1 2 1	3	286	859	0.00	0	0	0	0
1 1 4 2 1 2 1 2	1	858	858	0.00	0	0	0	0
1 7 2 3 1 3 1 2	2	429	858	0.00	0	0	0	0
2 2 1 3 4 2 2 2	2	429	858	0.00	1	0	0	1
1 5 3 1 3 3 3 4	2	428	855	0.00	0	0	0	0
2 3 1 1 3 3 2 1	1	854	854	0.00	1	0	0	1
2 2 3 1 3 2 2 2	2	427	854	0.00	0	0	0	0
3 3 3 1 3 3 1 3	3	285	854	0.00	0	0	0	0
3 2 2 3 2 1 2 3	1	852	852	0.00	1	0	0	1
2 7 3 2 4 3 3 4	2	426	852	0.00	0	0	0	0
1 3 2 3 4 3 1 3	2	426	851	0.00	0	0	0	0
2 6 2 2 4 3 2 2	4	213	850	0.00	0	0	0	0
1 7 4 2 3 3 2 2	2	425	850	0.00	0	0	0	0
2 3 3 3 1 3 1 3	2	425	849	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
6 (13) 1 2 1 3 1 2	1	849	849	0.00	0	0	0	0
2 5 2 2 1 3 2 2	4	212	848	0.00	0	0	0	0
2 6 1 2 2 3 1 3	3	282	847	0.00	0	0	0	0
3 6 3 2 2 3 3 4	1	846	846	0.00	0	0	1	1
2 7 3 3 2 3 1 2	3	282	846	0.00	1	0	0	1
2 6 3 2 3 3 2 2	2	423	845	0.00	0	0	0	0
2 2 1 2 2 3 2 1	2	423	845	0.00	1	1	0	2
3 2 1 2 1 3 1 1	2	422	843	0.00	0	0	0	0
2 7 4 1 2 3 1 3	3	281	842	0.00	0	0	0	0
1 1 4 2 3 2 3 4	1	842	842	0.00	0	0	0	0
4 6 2 3 4 3 1 3	1	841	841	0.00	0	0	0	0
4 3 2 3 2 2 1 2	3	279	837	0.00	0	0	0	0
5 5 1 3 2 3 1 2	3	278	835	0.00	0	0	0	0
1 7 3 2 2 3 2 2	1	835	835	0.00	0	0	0	0
2 2 1 1 4 3 1 3	3	278	834	0.00	0	0	0	0
1 5 4 1 4 3 1 1	4	208	832	0.00	0	0	0	0
2 3 4 2 4 3 2 1	3	277	832	0.00	0	0	0	0
2 3 4 1 2 2 2 2	2	416	832	0.00	1	1	0	2
3 3 2 1 4 2 1 2	1	830	830	0.00	0	0	0	0
1 7 4 2 4 2 1 1	1	830	830	0.00	0	0	0	0
3 3 4 1 1 2 2 3	1	829	829	0.00	0	0	0	0
2 5 2 3 4 3 1 1	3	276	829	0.00	0	0	0	0
2 1 4 1 3 3 1 1	1	828	828	0.00	0	0	0	0
1 7 4 1 2 3 2 2	6	138	828	0.00	0	0	0	0
2 3 3 2 2 3 1 2	2	414	828	0.00	0	0	0	0
4 5 1 2 4 2 2 1	5	165	827	0.00	0	0	0	0
1 5 4 1 2 2 1 2	2	414	827	0.00	0	0	0	0
2 4 3 2 1 2 1 3	2	413	827	0.00	0	0	0	0
4 5 1 2 2 3 2 3	4	207	827	0.00	0	0	0	0
1 7 3 3 1 3 1 3	1	825	825	0.00	0	0	0	0
2 1 3 1 2 3 1 1	1	825	825	0.00	0	0	0	0
1 3 4 3 4 2 1 3	2	412	823	0.00	0	0	0	0
2 4 4 1 5 3 1 1	1	822	822	0.00	0	0	0	0
1 9 4 1 1 3 1 2	2	411	822	0.00	0	0	0	0
2 3 3 3 4 2 1 3	1	821	821	0.00	0	0	0	0
1 7 4 1 1 3 1 3	3	274	821	0.00	0	0	0	0
1 (12) 2 2 2 3 1 2	1	818	818	0.00	0	0	0	0
1 2 3 1 2 1 2 1	1	818	818	0.00	0	0	0	0
1 6 2 3 4 3 2 3	2	408	817	0.00	0	0	0	0
1 2 2 2 3 3 2 1	1	816	816	0.00	0	0	0	0
2 6 2 3 1 3 2 3	1	814	814	0.00	0	0	0	0
1 2 2 3 2 3 1 3	4	204	814	0.00	0	0	0	0
4 7 1 1 4 2 1 3	1	813	813	0.00	0	1	0	1
2 2 4 2 1 2 2 3	1	811	811	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 7 2 3 5 3 3 4	1	810	810	0.00	0	0	0	0
1 2 2 2 3 3 2 3	3	270	810	0.00	0	0	0	0
2 2 3 2 4 2 1 3	2	405	810	0.00	0	0	0	0
4 3 1 3 3 3 1 2	4	202	809	0.00	1	1	0	2
3 6 2 2 4 3 2 1	2	404	809	0.00	0	0	0	0
1 6 3 1 3 3 2 1	2	403	807	0.00	0	0	0	0
2 5 4 1 2 3 2 3	2	403	806	0.00	0	0	0	0
3 7 2 2 2 3 1 2	2	402	805	0.00	0	0	0	0
3 3 1 3 1 3 1 1	3	268	805	0.00	0	0	0	0
1 1 4 2 3 3 2 1	6	134	804	0.00	0	0	0	0
4 7 2 1 1 3 1 2	3	268	804	0.00	0	0	0	0
2 3 4 1 5 3 1 1	3	268	803	0.00	0	0	1	1
1 5 3 3 1 3 2 2	3	268	803	0.00	0	0	0	0
1 1 3 2 3 2 1 3	1	803	803	0.00	0	0	0	0
2 7 2 3 4 2 1 2	4	201	802	0.00	0	0	0	0
2 4 1 1 1 3 1 1	1	802	802	0.00	0	0	0	0
2 5 2 2 3 2 1 2	3	267	800	0.00	0	0	0	0
1 1 2 1 4 1 1 3	1	800	800	0.00	0	0	0	0
1 2 2 3 5 3 3 4	1	800	800	0.00	0	0	0	0
1 7 2 3 4 3 1 1	1	799	799	0.00	0	0	0	0
1 5 4 2 1 3 1 2	3	266	798	0.00	0	0	0	0
3 3 2 1 2 3 1 2	6	133	798	0.00	1	0	0	1
1 6 3 3 2 3 2 2	1	798	798	0.00	0	0	0	0
1 6 3 1 3 2 2 2	2	398	797	0.00	0	0	0	0
2 6 4 3 3 3 1 3	4	199	796	0.00	0	1	0	1
2 6 4 3 3 1 2 3	2	398	796	0.00	0	0	0	0
2 1 4 3 1 3 2 2	2	398	795	0.00	0	0	0	0
2 6 1 1 4 2 1 3	4	199	795	0.00	0	0	0	0
3 6 2 3 1 2 2 3	1	795	795	0.00	0	0	0	0
3 6 1 2 3 3 2 1	2	397	794	0.00	0	0	0	0
2 3 2 1 1 2 1 2	3	265	794	0.00	0	0	0	0
3 3 2 3 1 3 2 1	3	264	792	0.00	0	0	1	1
2 2 1 2 2 2 2 2	1	792	792	0.00	0	0	0	0
2 3 2 2 3 2 1 1	1	792	792	0.00	0	0	0	0
3 3 2 1 4 3 2 3	3	264	791	0.00	0	0	0	0
1 1 1 1 3 3 1 3	1	791	791	0.00	0	0	0	0
3 2 1 1 2 2 1 2	4	198	790	0.00	1	0	0	1
2 5 1 1 3 3 2 1	1	790	790	0.00	0	0	0	0
4 6 2 2 1 3 1 2	5	158	790	0.00	0	0	0	0
4 3 1 3 1 2 1 2	5	158	789	0.00	1	1	0	2
1 2 2 1 4 2 1 3	2	394	789	0.00	0	0	0	0
3 5 1 1 1 3 1 2	7	113	788	0.00	0	0	0	0
2 3 3 1 5 3 3 4	4	197	786	0.00	0	0	0	0
2 5 2 2 4 2 3 4	3	262	786	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 1 2 2 3 1 1	1	784	784	0.00	0	0	0	0
2 6 3 1 4 3 1 2	5	157	784	0.00	0	0	0	0
1 7 4 1 3 3 1 1	2	392	784	0.00	0	0	0	0
1 6 3 2 2 2 2 2	1	784	784	0.00	0	0	0	0
4 3 2 3 2 3 2 3	6	131	783	0.00	0	0	1	1
4 7 3 1 4 3 2 3	1	783	783	0.00	0	0	0	0
2 7 2 3 1 2 1 3	1	781	781	0.00	0	0	0	0
1 6 4 2 3 3 1 1	1	780	780	0.00	0	0	0	0
3 7 2 3 4 3 1 3	2	390	779	0.00	0	0	0	0
2 6 3 1 2 1 1 2	3	260	779	0.00	0	0	0	0
1 3 2 3 4 3 2 3	2	389	779	0.00	0	0	0	0
3 3 1 2 3 3 2 3	1	777	777	0.00	0	0	0	0
2 6 2 3 4 1 2 1	1	777	777	0.00	0	0	0	0
2 2 4 2 2 3 3 4	2	388	776	0.00	1	0	0	1
2 6 3 3 1 3 2 3	1	775	775	0.00	0	0	0	0
4 5 2 1 2 2 1 3	1	772	772	0.00	0	0	0	0
2 2 3 2 1 3 2 3	1	771	771	0.00	0	0	0	0
2 3 4 1 1 2 1 3	1	771	771	0.00	0	0	0	0
5 3 4 1 2 3 1 3	2	384	768	0.00	0	0	0	0
4 6 2 3 3 3 1 2	3	256	768	0.00	0	0	0	0
6 (12) 2 1 1 3 3 4	2	384	768	0.00	0	0	0	0
1 2 4 1 1 2 2 2	1	767	767	0.00	0	0	0	0
1 2 4 1 1 3 1 3	2	383	766	0.00	0	0	0	0
3 5 3 3 4 3 2 1	2	383	766	0.00	0	0	0	0
1 1 1 3 1 3 1 2	2	383	766	0.00	0	0	0	0
1 4 2 1 2 3 1 3	1	765	765	0.00	0	0	0	0
2 6 2 1 4 2 1 2	1	765	765	0.00	0	0	0	0
1 6 3 1 4 3 2 3	3	255	764	0.00	0	0	0	0
2 6 2 2 4 2 1 2	1	762	762	0.00	0	0	0	0
2 6 2 2 2 2 1 3	2	381	762	0.00	0	0	0	0
3 2 3 2 3 3 2 2	2	380	760	0.00	0	0	0	0
2 1 3 3 2 2 1 3	1	759	759	0.00	0	0	0	0
2 6 3 2 4 2 3 4	1	758	758	0.00	0	0	0	0
2 1 4 1 2 1 2 3	2	378	757	0.00	0	0	0	0
1 1 4 1 2 1 2 1	1	757	757	0.00	0	0	0	0
2 2 4 2 1 2 1 3	2	378	757	0.00	0	0	0	0
5 9 1 2 2 3 1 3	1	756	756	0.00	0	0	0	0
2 2 3 1 4 3 2 2	2	378	756	0.00	0	0	0	0
2 2 2 2 1 3 2 3	2	377	755	0.00	0	0	0	0
2 3 1 2 2 3 1 3	1	754	754	0.00	0	0	0	0
2 5 3 2 3 3 2 2	4	188	751	0.00	0	0	0	0
4 3 2 1 1 1 1 3	1	750	750	0.00	1	1	0	2
1 5 2 3 1 2 1 3	2	375	749	0.00	0	0	0	0
4 7 2 1 3 3 2 1	1	749	749	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 2 1 2 2 2 2	3	250	749	0.00	0	0	0	0
6 (13) 1 2 2 3 2 3	2	374	747	0.00	0	0	0	0
3 2 1 3 3 2 2 2	2	374	747	0.00	1	1	0	2
2 6 3 2 4 3 2 1	1	746	746	0.00	0	0	0	0
3 2 3 2 3 3 2 3	2	373	745	0.00	0	0	0	0
2 6 2 3 3 2 1 2	1	744	744	0.00	1	0	0	1
1 6 3 1 2 3 2 1	2	372	743	0.00	0	0	0	0
2 5 2 2 4 2 1 2	4	186	743	0.00	0	0	0	0
3 5 3 3 4 3 1 3	2	371	743	0.00	0	0	0	0
3 3 4 2 2 3 1 3	3	248	743	0.00	0	0	0	0
2 1 3 2 4 3 1 1	1	742	742	0.00	0	0	0	0
2 7 3 1 3 3 2 3	3	247	742	0.00	0	0	0	0
1 6 2 2 2 3 2 1	1	742	742	0.00	1	0	0	1
4 7 2 2 4 3 2 1	1	741	741	0.00	1	1	0	2
2 1 1 1 3 3 1 3	3	247	741	0.00	0	0	0	0
3 7 2 3 4 1 3 4	1	739	739	0.00	0	0	0	0
4 6 2 2 4 3 1 3	3	246	738	0.00	0	0	0	0
3 2 1 1 4 3 2 3	2	369	737	0.00	0	0	0	0
3 7 1 3 3 3 1 3	1	736	736	0.00	0	0	0	0
2 5 1 1 3 3 1 2	3	245	736	0.00	0	0	0	0
1 1 3 1 4 2 2 1	1	735	735	0.00	0	0	0	0
2 3 2 1 5 3 3 4	1	730	730	0.00	0	0	0	0
4 3 4 2 2 3 1 2	2	364	729	0.00	0	0	0	0
2 5 4 1 3 2 2 2	5	146	728	0.00	0	0	0	0
1 5 2 1 3 2 1 3	2	363	726	0.00	0	0	0	0
1 3 3 3 3 3 3 4	1	724	724	0.00	0	0	0	0
2 2 4 2 4 3 2 3	1	724	724	0.00	0	0	0	0
1 1 3 3 4 2 2 2	1	723	723	0.00	0	0	0	0
1 1 2 3 2 3 2 3	2	361	722	0.00	0	0	0	0
6 (13) 1 3 1 3 1 3	1	722	722	0.00	0	0	0	0
2 6 4 2 2 3 2 1	1	721	721	0.00	0	0	0	0
2 5 4 2 4 3 2 3	3	240	720	0.00	0	0	0	0
3 3 4 3 3 3 2 1	2	359	719	0.00	0	0	0	0
2 1 2 1 1 2 1 1	1	719	719	0.00	0	0	0	0
1 6 3 3 4 3 3 4	2	359	718	0.00	0	0	0	0
1 1 3 2 2 2 1 3	2	358	717	0.00	0	0	0	0
4 7 1 2 1 3 1 1	2	358	716	0.00	0	0	0	0
2 6 2 1 3 3 2 2	2	358	716	0.00	0	0	0	0
2 7 2 1 4 3 1 1	2	358	716	0.00	0	0	0	0
1 6 4 1 2 3 1 1	1	715	715	0.00	0	0	0	0
2 3 2 1 3 3 1 1	1	715	715	0.00	0	0	0	0
2 6 2 1 1 3 2 2	1	712	712	0.00	0	0	0	0
1 3 2 2 5 3 3 4	1	710	710	0.00	0	0	0	0
2 7 1 1 4 3 3 4	1	709	709	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
5 3 1 1 2 3 1 2	1	709	709	0.00	0	0	0	0
3 5 2 3 4 3 2 3	1	709	709	0.00	0	0	0	0
4 3 2 1 5 3 3 4	5	142	708	0.00	0	0	0	0
1 5 3 3 1 3 1 2	3	236	707	0.00	0	0	0	0
1 3 2 2 3 2 2 2	1	706	706	0.00	0	0	0	0
3 5 2 3 3 3 1 2	1	706	706	0.00	0	0	0	0
3 7 2 2 4 3 2 3	1	706	706	0.00	1	1	0	2
1 1 2 3 2 3 1 1	5	141	705	0.00	0	0	0	0
1 5 1 2 4 3 1 2	2	353	705	0.00	0	0	0	0
2 3 3 1 3 3 2 2	2	352	704	0.00	1	1	0	2
1 5 4 1 3 1 2 3	4	175	701	0.00	0	0	0	0
1 5 2 2 1 3 2 2	1	701	701	0.00	0	0	0	0
5 9 1 2 2 3 2 3	1	700	700	0.00	0	0	0	0
2 5 1 3 4 3 1 3	2	350	700	0.00	0	0	0	0
2 6 2 1 1 2 1 2	3	233	699	0.00	0	0	0	0
1 5 3 2 4 3 2 1	2	349	699	0.00	0	0	0	0
1 5 3 2 3 3 2 2	1	699	699	0.00	0	0	0	0
1 (13) 2 1 3 3 1 3	1	697	697	0.00	0	0	0	0
2 7 1 2 3 3 2 1	1	697	697	0.00	0	0	0	0
1 2 4 1 3 2 2 1	1	696	696	0.00	0	0	0	0
1 1 4 2 2 2 2 2	1	696	696	0.00	0	0	0	0
1 6 2 1 3 3 2 3	1	696	696	0.00	0	0	0	0
2 2 3 3 4 3 2 2	2	348	696	0.00	0	0	0	0
3 5 1 2 4 3 2 1	2	348	696	0.00	0	0	0	0
4 3 3 3 5 3 1 1	3	231	693	0.00	0	0	0	0
3 3 1 2 1 3 2 3	2	346	693	0.00	1	0	0	1
2 2 3 2 1 3 3 4	1	693	693	0.00	0	0	0	0
1 3 3 1 2 3 1 3	4	173	692	0.00	0	0	0	0
4 6 2 1 2 3 1 2	2	346	691	0.00	1	1	1	3
1 7 4 2 3 3 1 3	2	345	690	0.00	0	0	0	0
2 6 2 2 4 3 2 1	3	230	690	0.00	0	0	0	0
4 3 2 1 2 2 1 1	2	344	689	0.00	0	0	0	0
2 6 2 3 2 3 1 3	1	685	685	0.00	0	0	0	0
1 3 2 1 4 2 3 4	1	685	685	0.00	0	0	0	0
4 7 2 1 2 3 1 3	2	343	685	0.00	0	0	0	0
1 7 4 2 4 3 1 3	3	228	685	0.00	0	0	0	0
1 3 2 3 2 3 2 1	1	685	685	0.00	0	0	0	0
3 2 2 3 4 1 3 4	1	684	684	0.00	0	0	0	0
4 6 1 2 1 3 1 2	1	683	683	0.00	0	0	0	0
1 4 3 1 3 3 2 2	3	228	683	0.00	0	0	0	0
1 1 4 2 2 2 2 1	1	682	682	0.00	0	0	0	0
1 9 3 3 1 3 1 3	2	341	681	0.00	0	1	0	1
2 3 2 2 1 3 1 1	3	227	680	0.00	0	0	0	0
1 4 2 1 3 3 1 1	3	226	679	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 7 4 1 2 3 2 1	4	170	679	0.00	0	0	0	0
4 5 2 1 3 3 1 3	3	226	678	0.00	0	0	0	0
3 2 2 1 3 2 1 2	3	226	678	0.00	0	0	0	0
1 5 3 1 1 3 1 1	3	226	677	0.00	0	0	0	0
1 6 3 2 4 3 1 2	1	677	677	0.00	0	0	0	0
2 (13) 1 1 1 3 1 3	1	676	676	0.00	0	0	0	0
1 3 2 2 4 3 2 3	1	675	675	0.00	0	0	0	0
2 7 3 2 3 3 1 3	2	337	675	0.00	0	0	0	0
4 6 2 3 5 3 3 4	1	675	675	0.00	0	0	0	0
3 3 4 2 4 3 2 1	1	674	674	0.00	1	0	0	1
2 7 3 3 4 3 1 2	2	336	673	0.00	0	0	0	0
2 3 4 1 1 3 2 3	5	134	672	0.00	0	0	0	0
2 3 2 2 1 2 2 2	2	336	671	0.00	1	1	1	3
1 6 2 2 3 2 2 1	1	669	669	0.00	0	0	0	0
3 6 2 3 3 2 1 3	1	669	669	0.00	0	1	0	1
4 7 1 1 2 2 2 1	1	668	668	0.00	1	1	1	3
6 (12) 1 1 1 3 1 3	1	667	667	0.00	0	0	0	0
2 7 3 1 3 3 1 2	2	334	667	0.00	0	0	0	0
5 (12) 1 3 1 3 1 1	2	333	667	0.00	1	1	0	2
1 2 3 3 4 2 2 2	1	667	667	0.00	0	0	0	0
2 2 2 3 5 2 3 4	2	333	667	0.00	0	0	0	0
1 5 2 1 1 3 1 1	2	333	665	0.00	0	0	0	0
4 6 2 2 3 3 3 4	2	333	665	0.00	0	0	0	0
2 1 1 1 2 3 3 4	1	665	665	0.00	0	0	0	0
1 5 2 1 1 2 2 3	3	221	664	0.00	0	0	0	0
1 5 3 2 4 3 1 1	2	332	664	0.00	0	0	0	0
6 (13) 2 1 1 2 1 1	2	332	663	0.00	0	0	0	0
3 7 4 1 2 3 1 2	1	663	663	0.00	0	0	0	0
3 3 4 3 1 3 2 3	2	331	662	0.00	0	0	0	0
4 3 3 3 4 3 2 1	1	662	662	0.00	0	0	0	0
1 7 4 1 1 2 1 2	3	220	661	0.00	0	0	0	0
3 2 3 2 3 3 1 3	2	330	659	0.00	1	1	0	2
1 2 3 3 3 2 1 2	1	659	659	0.00	1	1	0	2
1 7 2 2 3 2 2 1	2	329	659	0.00	0	0	0	0
2 2 1 1 3 3 2 3	2	329	659	0.00	0	0	0	0
3 6 2 2 1 3 1 2	2	329	658	0.00	0	0	0	0
1 2 4 3 1 3 1 3	3	219	657	0.00	0	0	0	0
2 7 2 1 1 2 1 2	2	327	655	0.00	0	0	0	0
2 6 2 2 4 2 3 4	1	655	655	0.00	0	0	0	0
4 3 2 1 2 3 1 1	2	327	654	0.00	0	0	0	0
4 7 2 2 2 3 1 3	2	326	653	0.00	0	0	0	0
1 7 4 3 3 3 3 4	1	652	652	0.00	0	0	0	0
1 7 3 3 4 3 1 3	1	652	652	0.00	0	0	0	0
2 6 2 1 2 2 2 3	1	651	651	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 2 1 1 5 3 3 4	1	651	651	0.00	0	0	0	0
2 3 3 1 4 2 3 4	1	650	650	0.00	0	0	0	0
4 3 3 2 2 3 2 1	2	324	647	0.00	0	0	0	0
3 2 4 2 4 3 1 2	5	129	647	0.00	0	0	0	0
1 1 3 2 4 1 1 2	1	647	647	0.00	1	1	0	2
4 3 1 1 2 2 1 2	3	215	646	0.00	1	0	0	1
2 3 2 1 4 2 1 2	3	215	646	0.00	0	0	0	0
3 2 2 1 2 2 1 2	3	215	646	0.00	0	0	0	0
3 2 2 3 3 1 1 2	3	215	645	0.00	0	0	0	0
1 1 3 1 2 2 2 1	1	645	645	0.00	0	0	0	0
2 5 4 1 1 3 1 2	2	322	643	0.00	0	0	0	0
1 2 3 1 3 2 2 1	1	642	642	0.00	0	0	0	0
1 9 2 2 1 2 1 2	1	641	641	0.00	0	0	0	0
2 3 1 1 2 3 2 1	2	321	641	0.00	0	0	0	0
2 2 4 2 1 3 1 2	1	641	641	0.00	0	0	0	0
1 7 2 3 3 3 1 2	2	320	641	0.00	0	0	0	0
3 6 2 2 4 2 3 4	3	213	640	0.00	0	0	0	0
2 1 3 3 4 2 1 2	1	638	638	0.00	0	0	0	0
1 7 4 2 2 3 1 3	1	638	638	0.00	0	0	0	0
2 1 3 3 1 3 3 4	1	638	638	0.00	0	0	0	0
4 6 1 3 4 3 1 3	1	638	638	0.00	0	0	0	0
2 6 3 2 2 2 2 1	1	637	637	0.00	1	1	0	2
3 2 2 1 3 3 1 1	3	212	637	0.00	0	0	0	0
3 5 2 3 1 3 2 3	3	212	635	0.00	0	0	0	0
1 2 4 3 4 2 3 4	1	635	635	0.00	0	0	0	0
2 1 3 3 2 2 1 2	1	635	635	0.00	0	0	0	0
1 1 1 1 4 3 1 2	1	634	634	0.00	0	0	0	0
2 3 4 1 3 2 2 3	2	316	633	0.00	0	0	0	0
3 2 2 3 3 3 1 1	1	632	632	0.00	0	0	0	0
1 5 1 2 4 3 2 2	1	632	632	0.00	0	0	0	0
2 2 4 3 3 3 2 2	2	316	631	0.00	0	0	0	0
2 7 2 2 4 3 1 1	1	630	630	0.00	0	0	0	0
2 7 2 2 2 3 1 2	1	628	628	0.00	1	1	0	2
2 3 3 1 3 3 3 4	3	209	627	0.00	0	0	0	0
2 3 4 2 5 3 1 1	4	157	627	0.00	0	0	1	1
1 2 4 3 3 3 1 3	3	209	627	0.00	0	0	0	0
1 1 3 1 4 1 1 3	1	626	626	0.00	0	0	0	0
6 (13) 2 2 1 3 3 3	1	626	626	0.00	0	0	0	0
2 6 3 1 3 3 2 2	1	625	625	0.00	0	0	0	0
4 5 4 2 4 3 1 3	1	624	624	0.00	0	0	0	0
2 2 2 3 1 3 3 4	3	208	624	0.00	0	0	0	0
2 1 3 2 4 3 2 1	2	312	624	0.00	1	1	0	2
1 5 2 1 2 2 1 2	3	208	623	0.00	0	0	0	0
2 2 3 2 2 2 2 1	2	311	622	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 7 1 3 3 3 2 3	2	311	621	0.00	0	0	0	0
3 2 3 3 3 3 2 3	2	311	621	0.00	0	0	0	0
3 5 2 3 1 3 3 4	2	310	621	0.00	0	0	0	0
1 5 2 2 4 2 3 4	2	310	620	0.00	0	0	0	0
3 2 1 2 2 2 1 2	3	206	618	0.00	0	0	0	0
1 6 3 2 3 3 3 4	3	206	617	0.00	0	0	0	0
3 2 4 1 5 3 3 4	2	308	617	0.00	0	0	0	0
3 6 3 2 4 3 1 3	1	617	617	0.00	0	0	0	0
4 6 2 2 2 3 1 1	1	616	616	0.00	0	0	0	0
4 7 2 2 1 3 1 3	2	308	616	0.00	1	1	1	3
1 6 3 2 4 2 2 1	2	307	615	0.00	0	0	0	0
2 6 2 1 3 2 1 3	3	205	614	0.00	0	0	0	0
1 7 1 3 3 3 1 3	1	614	614	0.00	0	0	0	0
3 2 2 3 5 1 3 4	1	613	613	0.00	0	0	0	0
1 1 2 1 1 2 1 3	2	307	613	0.00	0	0	0	0
2 3 2 1 2 2 1 1	1	612	612	0.00	0	0	0	0
1 7 2 1 3 2 2 3	1	612	612	0.00	0	0	0	0
1 6 2 1 2 3 2 1	2	306	612	0.00	0	0	0	0
1 5 2 3 4 1 1 3	4	153	612	0.00	0	0	0	0
2 9 1 2 2 3 1 3	2	306	612	0.00	0	0	0	0
1 7 4 1 1 2 2 2	1	611	611	0.00	0	0	0	0
2 7 2 3 3 2 1 3	1	611	611	0.00	0	0	0	0
1 7 2 1 1 2 1 3	1	611	611	0.00	0	0	0	0
2 3 3 2 1 3 1 1	2	305	610	0.00	1	0	0	1
2 2 1 1 2 2 2 3	2	304	609	0.00	0	0	0	0
2 9 1 1 2 3 1 3	1	607	607	0.00	0	0	0	0
4 7 3 1 2 3 2 1	1	607	607	0.00	0	0	0	0
3 2 3 3 4 3 2 1	3	202	607	0.00	0	0	0	0
1 1 4 2 3 1 1 2	1	607	607	0.00	0	0	0	0
2 7 3 3 1 3 1 2	1	606	606	0.00	0	0	0	0
3 3 1 3 4 2 3 4	4	151	605	0.00	0	0	0	0
1 4 3 1 5 3 3 4	1	605	605	0.00	0	0	0	0
3 3 2 3 4 3 2 1	1	605	605	0.00	0	0	0	0
2 7 2 3 4 2 2 1	1	604	604	0.00	0	0	0	0
1 4 1 3 4 3 3 4	1	604	604	0.00	0	0	0	0
4 6 2 1 2 3 2 1	1	603	603	0.00	1	0	1	2
3 6 2 2 4 3 2 3	1	602	602	0.00	0	0	0	0
3 5 4 1 2 3 1 3	2	301	602	0.00	0	0	0	0
3 7 2 2 1 3 1 3	1	602	602	0.00	0	0	0	0
3 3 2 1 3 3 1 3	3	200	601	0.00	0	0	0	0
2 3 4 3 3 2 1 3	1	600	600	0.00	0	0	0	0
2 1 1 2 2 3 2 2	3	200	600	0.00	0	0	0	0
1 1 3 3 1 3 1 3	2	300	600	0.00	0	0	0	0
2 2 4 2 4 3 2 1	3	200	599	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 6 2 3 3 3 1 3	2	299	598	0.00	0	0	0	0
1 7 4 2 4 3 2 3	1	597	597	0.00	0	0	0	0
4 7 1 3 2 3 1 2	1	597	597	0.00	0	0	0	0
2 5 1 1 2 2 2 1	1	595	595	0.00	0	0	0	0
3 5 2 2 3 3 1 2	2	297	593	0.00	0	0	0	0
2 7 3 3 1 3 1 3	2	296	592	0.00	0	0	0	0
1 5 2 1 4 1 1 3	2	296	592	0.00	0	0	0	0
3 7 2 1 4 3 2 3	3	197	591	0.00	0	0	0	0
4 6 1 1 2 2 2 3	1	591	591	0.00	1	0	0	1
1 5 2 3 3 2 1 3	1	590	590	0.00	0	0	0	0
1 5 4 3 4 2 3 4	2	295	590	0.00	0	0	0	0
3 7 2 1 3 2 1 1	2	295	590	0.00	0	0	0	0
6 (13) 3 1 3 2 1 2	1	590	590	0.00	0	0	0	0
2 3 4 3 1 3 2 3	2	294	588	0.00	0	1	0	1
1 3 2 1 2 2 1 3	2	294	588	0.00	0	1	0	1
2 6 3 1 3 2 2 3	1	587	587	0.00	0	0	0	0
1 5 2 1 1 2 1 2	2	294	587	0.00	0	0	0	0
1 3 1 1 3 3 2 3	2	293	586	0.00	0	0	0	0
2 2 4 3 4 2 1 3	1	585	585	0.00	0	0	0	0
2 3 2 1 1 2 2 3	3	195	585	0.00	1	1	0	2
1 1 4 1 1 2 2 2	1	583	583	0.00	0	0	0	0
3 2 3 2 2 3 2 2	2	291	583	0.00	1	1	1	3
1 1 4 1 4 2 2 3	4	146	583	0.00	0	0	0	0
2 3 3 3 1 2 1 1	1	582	582	0.00	1	0	0	1
2 6 2 2 3 2 2 2	4	145	582	0.00	0	0	0	0
1 7 2 1 4 2 2 2	1	581	581	0.00	0	0	0	0
1 7 4 3 3 3 1 3	3	193	580	0.00	0	0	0	0
1 7 3 2 1 3 2 3	1	577	577	0.00	0	0	0	0
1 5 4 3 3 3 3 4	3	192	577	0.00	0	0	0	0
2 2 4 1 3 2 2 1	1	577	577	0.00	0	0	0	0
2 5 1 2 1 3 1 3	3	192	577	0.00	0	0	0	0
3 5 2 3 4 2 2 3	1	576	576	0.00	0	0	0	0
2 7 4 1 3 3 2 1	1	576	576	0.00	0	0	0	0
2 3 1 1 4 3 1 3	1	576	576	0.00	0	0	0	0
3 3 2 3 2 3 1 1	3	192	575	0.00	0	0	0	0
2 2 2 2 4 2 1 2	3	192	575	0.00	0	1	0	1
3 7 2 2 3 2 2 1	1	574	574	0.00	0	0	0	0
1 5 3 1 1 2 2 2	2	287	574	0.00	0	0	0	0
3 5 2 2 2 3 1 2	3	191	574	0.00	0	1	0	1
2 3 4 3 1 3 2 1	1	572	572	0.00	0	1	0	1
2 6 3 3 2 3 2 2	1	572	572	0.00	0	0	0	0
2 7 3 2 2 3 1 3	1	571	571	0.00	0	0	0	0
2 1 2 1 1 1 1 2	1	571	571	0.00	0	0	0	0
1 (13) 2 2 2 3 1 3	1	571	571	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 2 4 3 3 3 2 1	2	285	571	0.00	0	0	0	0
1 1 3 1 3 2 2 1	1	569	569	0.00	0	0	0	0
2 5 4 3 3 2 1 2	2	284	568	0.00	0	0	0	0
2 6 3 1 4 2 2 3	1	567	567	0.00	1	1	0	2
1 4 4 1 1 3 1 3	2	283	566	0.00	0	0	0	0
2 1 4 2 4 3 2 3	3	189	566	0.00	0	0	0	0
1 4 4 3 4 3 3 4	1	566	566	0.00	0	0	0	0
4 7 2 1 4 3 1 3	1	564	564	0.00	0	0	0	0
1 1 1 3 3 3 2 1	1	561	561	0.00	0	0	0	0
2 5 1 2 4 3 1 3	3	186	558	0.00	0	0	0	0
2 6 2 3 4 3 1 2	1	558	558	0.00	0	0	0	0
2 3 1 3 5 3 3 4	1	557	557	0.00	0	0	0	0
3 7 2 3 1 3 2 3	1	557	557	0.00	0	0	0	0
1 2 3 1 3 2 1 3	1	555	555	0.00	0	0	0	0
1 6 3 2 3 3 2 2	1	552	552	0.00	0	0	0	0
1 7 2 3 3 3 1 3	2	276	551	0.00	0	0	0	0
2 2 3 3 3 2 2 1	1	551	551	0.00	0	0	0	0
1 5 2 1 4 2 2 2	2	275	551	0.00	0	0	0	0
3 2 3 3 2 3 2 2	2	275	551	0.00	0	0	0	0
1 2 1 3 1 3 1 1	1	549	549	0.00	0	0	0	0
1 7 4 1 2 3 2 3	1	549	549	0.00	0	0	0	0
2 1 2 2 4 3 1 1	2	274	548	0.00	0	0	0	0
3 3 3 3 5 3 3 4	2	274	547	0.00	0	0	0	0
3 7 2 3 4 2 2 1	1	546	546	0.00	0	0	0	0
1 1 3 1 4 1 1 2	1	545	545	0.00	0	0	0	0
1 6 2 1 3 2 2 2	1	545	545	0.00	0	0	0	0
2 6 1 2 2 3 2 1	1	544	544	0.00	0	0	0	0
1 7 4 1 1 3 1 1	2	272	543	0.00	0	0	0	0
1 2 1 2 2 2 1 3	2	271	543	0.00	0	0	0	0
1 1 4 1 3 3 1 1	2	271	542	0.00	0	0	0	0
2 4 2 2 3 2 3 4	1	541	541	0.00	0	0	0	0
4 6 2 2 4 3 2 1	2	271	541	0.00	0	0	1	1
1 7 2 1 4 2 2 3	1	541	541	0.00	0	0	0	0
1 2 3 3 3 2 2 3	1	540	540	0.00	1	0	0	1
1 3 2 2 1 2 2 2	1	540	540	0.00	0	0	0	0
1 4 1 3 5 2 3 4	1	539	539	0.00	0	0	0	0
3 2 3 1 3 3 3 4	3	180	539	0.00	0	0	0	0
2 6 4 2 4 3 2 3	2	269	539	0.00	0	0	0	0
1 3 1 1 4 3 3 4	3	179	538	0.00	0	0	0	0
1 3 3 1 2 3 2 3	1	537	537	0.00	0	0	0	0
2 1 1 2 3 2 1 2	1	537	537	0.00	0	0	0	0
2 2 4 2 1 2 1 2	4	134	537	0.00	0	0	0	0
3 2 3 1 1 3 1 2	2	268	537	0.00	0	0	0	0
4 5 1 3 3 3 1 2	3	179	537	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 6 2 1 3 3 1 3	2	268	537	0.00	0	0	0	0
3 3 1 1 4 3 1 3	1	536	536	0.00	0	1	0	1
3 2 3 1 2 3 1 1	1	536	536	0.00	0	0	0	0
2 2 2 1 2 3 3 4	1	535	535	0.00	0	0	0	0
1 6 2 2 3 3 1 2	1	534	534	0.00	0	0	0	0
1 1 2 1 3 3 1 1	3	178	534	0.00	0	0	0	0
4 3 3 2 2 3 1 3	2	266	531	0.00	0	0	0	0
2 1 4 1 1 2 2 3	2	265	530	0.00	1	0	0	1
2 7 4 2 3 2 1 2	2	264	529	0.00	0	0	0	0
3 7 2 3 2 3 3 4	1	528	528	0.00	1	0	0	1
3 2 1 1 2 3 2 2	2	264	528	0.00	0	0	0	0
4 3 1 2 2 3 2 2	4	132	527	0.00	0	0	0	0
1 1 3 1 3 2 1 1	2	263	527	0.00	0	0	0	0
1 3 2 1 3 2 1 2	1	526	526	0.00	0	0	0	0
2 1 4 2 1 3 2 3	3	175	526	0.00	0	0	0	0
1 7 3 2 4 3 1 3	1	525	525	0.00	0	0	0	0
2 1 1 3 2 3 1 1	2	261	522	0.00	0	0	0	0
2 6 1 1 3 3 2 1	1	522	522	0.00	0	0	0	0
1 1 2 2 4 1 2 3	1	522	522	0.00	0	0	0	0
3 2 1 1 3 3 1 3	2	261	522	0.00	0	0	0	0
3 5 2 2 2 3 2 1	1	518	518	0.00	0	0	0	0
1 1 4 1 5 3 1 1	3	173	518	0.00	0	0	0	0
4 5 1 1 1 3 1 1	2	258	517	0.00	0	0	0	0
4 9 2 3 1 3 1 2	3	172	515	0.00	1	0	0	1
3 7 2 2 3 3 2 2	1	514	514	0.00	0	0	0	0
1 (12) 2 1 1 3 1 1	1	514	514	0.00	0	0	0	0
1 3 2 1 2 3 2 3	2	257	513	0.00	0	0	0	0
1 7 4 3 1 3 1 2	1	513	513	0.00	0	0	0	0
1 5 2 1 3 2 2 1	3	171	513	0.00	0	0	0	0
2 3 3 2 2 2 2 3	1	512	512	0.00	1	1	0	2
2 2 3 3 1 3 3 4	1	511	511	0.00	0	0	0	0
2 3 4 3 2 3 1 3	3	170	511	0.00	0	0	0	0
2 3 2 3 4 3 2 2	1	511	511	0.00	0	0	0	0
3 9 2 3 1 3 1 2	3	170	511	0.00	0	0	0	0
3 6 2 3 1 3 1 3	1	510	510	0.00	0	0	0	0
2 2 4 3 2 3 2 1	1	510	510	0.00	0	0	0	0
1 2 3 3 4 2 1 3	1	510	510	0.00	0	0	0	0
1 2 3 2 4 3 2 3	2	255	510	0.00	0	0	0	0
1 1 3 2 4 1 2 2	1	510	510	0.00	1	0	0	1
1 3 2 2 1 3 2 1	1	509	509	0.00	0	0	0	0
1 3 1 2 2 3 1 3	1	508	508	0.00	0	0	0	0
2 7 2 2 4 2 3 4	1	507	507	0.00	0	0	0	0
2 3 3 2 1 2 1 3	2	253	506	0.00	1	0	0	1
2 2 4 3 3 3 2 1	2	253	506	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 5 4 3 3 3 1 2	2	253	506	0.00	0	0	0	0
1 5 2 2 4 1 3 4	3	169	506	0.00	0	0	0	0
1 7 2 2 1 3 2 3	1	505	505	0.00	0	0	0	0
4 7 1 2 3 3 2 3	1	505	505	0.00	0	0	0	0
1 1 3 1 4 1 2 3	2	252	505	0.00	1	1	0	2
1 7 4 1 1 3 2 3	2	252	504	0.00	0	0	0	0
1 6 3 3 3 3 1 3	1	503	503	0.00	0	0	0	0
4 5 2 3 1 3 1 1	1	503	503	0.00	0	0	0	0
3 6 1 3 3 3 2 1	1	501	501	0.00	0	0	0	0
4 7 2 3 4 3 2 1	1	501	501	0.00	0	0	0	0
3 7 2 3 1 2 1 3	1	500	500	0.00	0	0	0	0
1 5 3 3 2 3 2 2	2	250	499	0.00	0	0	0	0
1 (12) 1 2 2 3 1 3	2	249	497	0.00	0	0	0	0
3 3 4 2 2 3 3 4	3	166	497	0.00	0	0	0	0
2 3 4 2 1 2 1 3	2	248	497	0.00	0	0	0	0
2 3 4 3 3 2 2 3	1	496	496	0.00	1	1	0	2
1 3 3 2 5 3 1 3	1	496	496	0.00	0	0	0	0
2 2 1 2 3 2 1 3	1	496	496	0.00	0	0	0	0
3 2 1 3 4 2 3 4	2	247	495	0.00	0	0	1	1
1 5 2 2 4 3 2 2	1	493	493	0.00	0	0	0	0
1 2 2 2 1 3 1 1	1	492	492	0.00	0	0	0	0
4 3 3 3 4 3 1 1	2	246	491	0.00	0	1	0	1
1 2 3 3 3 2 1 3	1	491	491	0.00	0	0	0	0
2 1 4 1 2 1 1 3	1	491	491	0.00	0	0	0	0
2 2 4 1 1 2 1 3	2	245	490	0.00	0	1	0	1
1 7 2 2 1 2 2 2	1	488	488	0.00	0	0	0	0
4 7 2 3 1 2 1 2	2	244	487	0.00	0	0	0	0
1 5 4 1 3 1 2 2	3	162	487	0.00	0	0	0	0
1 1 4 1 2 2 2 2	1	486	486	0.00	0	0	0	0
2 1 2 2 2 1 1 2	1	486	486	0.00	0	0	0	0
2 1 1 1 4 3 3 4	1	485	485	0.00	0	0	0	0
2 5 2 1 2 3 1 3	3	162	485	0.00	0	0	0	0
1 7 4 3 3 2 2 2	1	485	485	0.00	0	0	0	0
1 7 2 3 4 3 2 1	2	242	485	0.00	0	0	0	0
1 5 2 3 2 2 1 2	2	242	484	0.00	0	0	0	0
1 3 1 1 5 3 1 1	3	161	484	0.00	0	0	0	0
2 7 3 3 5 3 3 4	2	242	484	0.00	0	0	0	0
2 6 4 2 3 3 3 4	1	484	484	0.00	0	0	0	0
2 1 2 1 4 1 1 3	1	484	484	0.00	0	0	0	0
1 3 4 3 1 2 1 3	1	483	483	0.00	0	0	0	0
1 6 2 2 3 3 2 2	1	483	483	0.00	0	0	0	0
3 3 4 3 4 3 2 1	1	482	482	0.00	0	0	0	0
3 2 2 2 4 3 1 1	1	482	482	0.00	1	1	0	2
2 2 3 2 5 3 1 3	2	241	482	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 3 4 1 4 2 1 1	1	482	482	0.00	1	1	0	2
4 6 2 2 3 2 2 1	1	481	481	0.00	0	0	0	0
1 2 1 3 2 3 1 3	2	241	481	0.00	0	0	0	0
2 1 1 1 1 3 2 2	1	480	480	0.00	0	0	0	0
1 5 2 3 4 3 2 2	2	240	480	0.00	0	0	0	0
2 2 2 1 3 3 1 1	2	240	480	0.00	0	0	0	0
3 2 4 2 1 2 2 3	2	240	480	0.00	0	0	0	0
3 3 4 1 3 3 1 3	1	479	479	0.00	1	0	0	1
4 6 1 3 2 3 2 3	1	478	478	0.00	0	0	0	0
2 7 2 2 4 2 2 3	2	239	478	0.00	0	1	0	1
1 3 2 1 2 2 2 3	1	477	477	0.00	0	0	0	0
1 3 2 1 3 2 2 1	1	477	477	0.00	0	0	0	0
1 3 2 2 2 3 1 1	1	477	477	0.00	0	0	0	0
1 1 3 3 1 3 1 2	2	238	477	0.00	0	0	0	0
2 5 4 3 2 3 3 4	3	159	477	0.00	0	0	0	0
3 3 2 2 2 1 2 1	2	238	477	0.00	1	0	0	1
1 1 1 1 2 1 2 1	2	238	477	0.00	0	0	0	0
2 2 1 3 3 3 1 3	2	238	476	0.00	0	0	0	0
3 2 2 2 3 2 1 1	1	476	476	0.00	0	0	0	0
1 6 4 2 4 2 2 3	1	475	475	0.00	0	0	0	0
2 7 2 3 4 3 1 2	2	237	475	0.00	0	0	0	0
4 7 1 2 2 2 2 1	1	475	475	0.00	1	0	1	2
1 7 2 3 1 3 2 3	1	474	474	0.00	0	0	0	0
1 1 3 3 4 3 2 1	1	473	473	0.00	0	0	0	0
1 7 3 1 1 3 3 4	2	236	472	0.00	0	0	0	0
2 1 2 1 3 3 1 1	1	472	472	0.00	0	0	0	0
2 3 1 3 1 2 2 3	1	472	472	0.00	1	1	1	3
4 3 1 2 2 2 2 3	1	471	471	0.00	0	0	0	0
3 6 2 2 1 2 1 3	1	471	471	0.00	0	0	0	0
2 3 3 3 1 3 2 1	1	470	470	0.00	1	0	0	1
4 7 1 2 2 3 2 2	1	470	470	0.00	0	0	0	0
1 2 4 1 2 3 2 1	1	469	469	0.00	0	0	0	0
2 6 2 2 2 2 2 2	2	234	468	0.00	0	1	0	1
2 1 1 3 3 3 2 1	2	234	468	0.00	0	0	0	0
2 7 3 2 3 3 1 2	2	234	467	0.00	0	0	0	0
1 1 4 3 4 3 2 1	2	233	467	0.00	0	0	0	0
1 2 1 1 1 3 1 1	1	467	467	0.00	0	0	0	0
3 7 3 2 4 3 1 3	1	465	465	0.00	1	0	0	1
1 6 4 2 3 2 2 3	3	155	465	0.00	0	0	0	0
1 3 1 1 3 3 1 1	1	463	463	0.00	0	0	0	0
4 5 1 2 2 3 2 1	2	232	463	0.00	0	0	0	0
2 1 3 1 3 2 2 1	1	462	462	0.00	0	0	0	0
4 6 1 2 1 3 1 1	1	461	461	0.00	0	1	0	1
2 3 2 2 4 3 2 2	2	230	461	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 7 2 3 3 3 2 2	1	460	460	0.00	0	0	0	0
2 6 3 1 2 3 2 3	1	460	460	0.00	0	0	0	0
1 4 2 1 4 3 1 3	1	459	459	0.00	0	0	0	0
2 2 1 3 3 3 2 2	1	457	457	0.00	0	0	0	0
1 2 4 2 2 3 1 3	1	456	456	0.00	0	0	0	0
1 7 2 2 4 2 3 4	1	454	454	0.00	0	0	0	0
5 (12) 2 3 1 3 1 3	1	454	454	0.00	0	0	0	0
3 5 2 1 2 3 1 1	2	227	453	0.00	0	0	0	0
2 3 3 1 3 2 1 1	1	451	451	0.00	0	0	0	0
3 3 2 2 4 2 1 3	2	225	451	0.00	0	0	0	0
2 1 4 2 2 2 2 2	1	449	449	0.00	0	0	0	0
3 3 2 1 3 3 1 2	1	448	448	0.00	0	0	0	0
1 5 4 2 3 3 1 1	2	224	448	0.00	0	0	0	0
1 3 3 2 3 2 1 1	1	448	448	0.00	0	0	0	0
2 3 4 2 4 3 1 2	2	223	447	0.00	0	0	0	0
4 5 1 3 4 2 2 3	1	446	446	0.00	0	0	0	0
3 7 2 1 4 3 3 4	2	223	446	0.00	0	0	0	0
4 5 2 3 2 3 2 2	3	148	445	0.00	0	0	0	0
1 5 3 1 1 2 1 2	2	222	444	0.00	0	0	0	0
6 (13) 2 2 1 3 2 2	1	444	444	0.00	0	0	0	0
3 3 3 1 1 3 1 3	1	443	443	0.00	0	0	0	0
1 7 4 1 4 3 1 1	1	442	442	0.00	0	0	0	0
2 6 3 3 4 3 2 2	2	221	442	0.00	0	0	0	0
2 7 4 2 1 3 1 2	1	442	442	0.00	0	0	0	0
1 1 4 2 2 3 2 3	2	221	441	0.00	0	0	0	0
3 6 3 1 2 3 1 3	1	441	441	0.00	0	0	0	0
3 5 2 3 4 1 3 4	1	439	439	0.00	0	0	0	0
2 4 4 2 4 3 1 3	2	219	439	0.00	0	0	0	0
2 6 4 3 2 3 1 3	1	438	438	0.00	0	0	0	0
2 1 4 1 2 2 2 2	1	438	438	0.00	0	0	0	0
1 2 2 2 2 1 2 2	2	219	437	0.00	1	0	0	1
4 6 2 1 3 2 2 1	1	437	437	0.00	1	1	0	2
1 6 2 3 2 3 2 3	1	435	435	0.00	0	0	0	0
1 5 4 3 2 3 2 1	2	217	435	0.00	0	0	0	0
3 3 3 3 2 3 2 1	1	435	435	0.00	0	0	0	0
3 6 1 3 2 2 1 2	2	216	432	0.00	0	0	0	0
2 3 2 1 3 2 2 2	1	432	432	0.00	0	0	0	0
4 5 2 3 3 3 1 2	3	143	428	0.00	0	0	0	0
1 2 4 3 5 3 1 1	1	428	428	0.00	0	0	0	0
4 7 1 1 4 3 1 3	2	214	427	0.00	0	0	0	0
2 4 3 3 1 3 1 1	3	142	427	0.00	0	0	0	0
1 1 2 3 1 2 1 2	2	214	427	0.00	0	0	0	0
1 6 4 1 3 1 2 2	1	426	426	0.00	0	0	0	0
2 2 3 3 4 3 1 1	2	213	425	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 5 4 1 4 3 2 2	1	422	422	0.00	0	0	0	0
3 2 3 1 4 3 1 3	2	211	422	0.00	0	0	0	0
1 2 3 2 4 3 1 3	1	422	422	0.00	0	0	0	0
2 5 2 1 2 1 2 1	1	422	422	0.00	0	0	0	0
1 5 3 1 5 3 3 4	3	141	422	0.00	0	0	0	0
1 7 3 3 4 3 3 4	1	421	421	0.00	0	0	0	0
3 3 2 1 1 3 1 1	1	420	420	0.00	1	0	0	1
1 5 4 1 2 3 2 2	2	209	419	0.00	0	0	0	0
3 7 4 3 3 3 3 4	2	209	419	0.00	0	1	0	1
2 5 4 3 3 3 1 2	2	209	417	0.00	0	0	0	0
3 5 2 3 4 3 1 2	2	209	417	0.00	0	0	0	0
4 5 2 3 4 3 1 2	2	209	417	0.00	0	0	0	0
2 5 2 1 4 2 3 4	1	415	415	0.00	0	0	0	0
2 1 1 3 3 2 2 3	1	414	414	0.00	0	0	0	0
2 6 2 2 4 2 2 1	1	413	413	0.00	0	0	0	0
3 7 2 2 3 3 1 3	1	413	413	0.00	1	1	0	2
4 5 1 2 3 2 2 3	1	413	413	0.00	0	0	0	0
2 3 4 1 4 2 2 3	2	206	411	0.00	0	0	0	0
1 6 3 1 4 2 1 2	2	206	411	0.00	0	0	0	0
1 6 4 1 4 3 1 1	1	409	409	0.00	0	0	0	0
1 1 2 2 3 1 2 2	1	408	408	0.00	0	0	0	0
1 6 4 2 2 3 1 1	1	408	408	0.00	0	0	0	0
4 6 2 1 1 2 1 3	1	408	408	0.00	0	0	0	0
1 5 1 1 4 3 1 2	5	81	407	0.00	0	0	0	0
4 3 2 2 4 2 1 3	1	406	406	0.00	0	0	0	0
4 7 1 2 1 3 1 2	1	406	406	0.00	0	0	0	0
4 5 2 2 1 2 1 3	1	405	405	0.00	0	0	0	0
2 1 3 2 2 1 1 2	1	405	405	0.00	0	1	0	1
3 2 1 2 2 2 2 2	2	202	405	0.00	0	0	0	0
2 2 2 1 2 3 1 1	2	202	404	0.00	0	0	0	0
3 4 2 1 2 2 1 2	1	404	404	0.00	0	0	0	0
2 3 3 1 3 2 2 3	2	201	403	0.00	0	0	0	0
1 5 2 2 4 2 1 2	1	402	402	0.00	0	0	0	0
3 2 2 2 4 3 2 2	3	134	401	0.00	0	0	1	1
3 6 2 3 3 3 2 3	1	401	401	0.00	0	0	0	0
2 3 4 2 1 3 2 3	3	133	400	0.00	1	1	0	2
2 7 2 1 4 2 2 3	1	399	399	0.00	0	0	0	0
1 4 3 3 1 2 1 2	1	399	399	0.00	0	0	0	0
3 2 2 1 5 3 1 3	1	398	398	0.00	0	0	0	0
5 (12) 2 3 2 3 2 2	2	198	397	0.00	0	0	0	0
2 6 4 1 5 3 3 4	2	198	396	0.00	0	0	0	0
1 (13) 2 1 1 3 1 1	1	396	396	0.00	0	0	0	0
4 3 2 1 1 2 1 2	4	99	395	0.00	0	0	0	0
1 2 4 3 3 3 2 2	1	395	395	0.00	1	0	0	1

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 7 1 1 3 3 2 3	1	393	393	0.00	0	0	0	0
4 7 2 2 4 3 1 3	1	391	391	0.00	0	0	0	0
1 1 3 3 2 2 1 2	2	196	391	0.00	0	0	0	0
1 7 2 1 4 3 2 1	4	98	391	0.00	0	0	0	0
1 3 1 2 4 3 1 1	1	391	391	0.00	0	0	0	0
2 6 2 2 4 2 1 3	1	390	390	0.00	0	0	0	0
4 3 2 3 5 2 1 3	3	130	390	0.00	0	0	0	0
2 2 3 3 3 2 1 3	1	390	390	0.00	0	0	0	0
3 7 2 3 4 2 3 4	3	130	389	0.00	0	0	0	0
1 5 1 1 1 3 2 2	2	195	389	0.00	0	0	0	0
3 2 1 2 2 3 2 2	2	194	387	0.00	0	1	0	1
1 7 3 1 4 3 1 3	1	387	387	0.00	0	0	0	0
1 6 2 1 3 3 2 2	1	386	386	0.00	0	0	0	0
2 1 3 3 4 2 2 3	1	385	385	0.00	0	0	0	0
1 1 4 2 2 3 2 2	1	382	382	0.00	0	0	0	0
1 5 4 1 2 3 1 3	4	95	382	0.00	0	0	0	0
1 3 2 1 5 3 3 4	1	382	382	0.00	0	0	0	0
3 3 2 1 2 3 1 1	1	381	381	0.00	0	0	0	0
2 5 2 3 2 3 2 3	1	380	380	0.00	0	0	0	0
2 6 4 1 4 2 3 4	1	379	379	0.00	0	0	0	0
4 7 1 3 3 3 2 1	1	378	378	0.00	0	0	0	0
3 3 3 2 2 3 2 1	1	378	378	0.00	0	0	0	0
2 6 2 2 1 3 1 3	1	378	378	0.00	0	0	0	0
3 7 2 3 4 1 1 3	1	378	378	0.00	0	0	0	0
2 7 1 2 1 3 2 3	1	376	376	0.00	0	0	0	0
1 3 3 2 4 3 1 1	1	376	376	0.00	0	0	0	0
1 7 3 1 1 3 2 1	2	188	376	0.00	0	0	0	0
3 6 1 1 4 3 1 3	2	188	376	0.00	0	0	0	0
2 5 3 2 3 3 3 4	1	376	376	0.00	0	0	0	0
3 2 4 2 3 3 3 4	2	188	376	0.00	0	0	0	0
2 2 2 1 4 3 2 2	1	375	375	0.00	0	0	0	0
2 3 4 2 1 2 1 2	2	188	375	0.00	0	0	0	0
2 6 1 1 1 3 1 3	2	187	374	0.00	0	0	0	0
3 3 2 2 2 2 2 2	1	374	374	0.00	1	1	0	2
1 1 2 3 4 1 2 1	1	373	373	0.00	0	0	0	0
2 1 2 3 5 3 1 3	1	372	372	0.00	0	0	0	0
2 2 4 2 2 3 2 2	1	371	371	0.00	0	0	0	0
1 7 3 2 3 2 2 2	1	369	369	0.00	0	0	0	0
2 4 4 1 2 3 2 1	1	369	369	0.00	0	0	0	0
3 3 3 3 1 3 1 3	1	369	369	0.00	1	0	0	1
2 7 1 2 3 3 1 2	1	369	369	0.00	0	0	0	0
2 2 2 3 4 2 1 2	1	369	369	0.00	0	0	0	0
2 6 4 1 4 3 2 3	1	369	369	0.00	0	0	0	0
1 2 3 2 2 3 1 3	1	368	368	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 5 2 2 2 2 2 2	2	184	368	0.00	0	0	0	0
1 6 4 2 4 2 1 2	1	367	367	0.00	0	0	0	0
2 1 1 2 4 3 1 2	1	367	367	0.00	0	0	0	0
1 1 4 2 3 2 2 1	1	367	367	0.00	0	0	0	0
1 5 2 2 4 3 3 4	1	367	367	0.00	0	0	0	0
3 3 4 3 4 3 1 1	1	367	367	0.00	0	0	0	0
3 2 1 1 5 3 3 4	1	366	366	0.00	0	0	0	0
2 7 4 2 2 3 1 2	1	365	365	0.00	0	0	0	0
1 7 3 2 1 2 1 2	1	365	365	0.00	0	0	0	0
1 7 4 1 3 2 1 3	1	363	363	0.00	0	0	0	0
2 2 3 2 2 2 1 3	1	363	363	0.00	0	0	0	0
1 3 4 3 3 3 2 2	1	362	362	0.00	0	0	0	0
2 2 4 1 2 1 1 3	2	179	358	0.00	0	0	0	0
2 2 2 2 1 3 1 1	2	179	358	0.00	0	0	0	0
4 5 2 3 1 2 1 3	2	179	358	0.00	0	0	0	0
6 1 2 2 1 3 1 3	1	357	357	0.00	0	0	0	0
2 7 1 3 4 3 2 1	1	356	356	0.00	0	0	0	0
3 2 2 1 4 2 1 3	1	356	356	0.00	0	0	0	0
2 5 2 1 2 3 2 3	1	354	354	0.00	0	0	0	0
2 6 4 2 4 3 1 2	2	177	354	0.00	0	0	0	0
1 7 1 1 4 3 3 4	2	177	354	0.00	0	0	0	0
2 3 1 1 2 3 2 3	1	354	354	0.00	0	0	0	0
2 5 3 2 3 3 2 1	1	353	353	0.00	0	0	0	0
4 7 1 1 2 3 1 2	2	177	353	0.00	0	0	0	0
2 2 4 3 1 3 1 3	2	176	352	0.00	0	0	0	0
1 1 3 2 3 3 1 1	2	176	352	0.00	0	0	0	0
3 3 2 1 4 3 2 1	2	176	351	0.00	0	0	0	0
1 1 4 2 1 3 1 3	2	175	350	0.00	0	0	0	0
1 1 2 1 2 1 2 3	1	350	350	0.00	0	0	0	0
2 5 4 1 4 3 1 3	3	116	349	0.00	0	0	0	0
2 9 4 2 1 3 1 1	2	174	349	0.00	0	0	0	0
3 3 1 1 2 3 2 1	1	348	348	0.00	0	0	0	0
3 3 4 3 2 3 1 2	2	174	348	0.00	1	0	0	1
3 5 4 1 4 3 1 3	1	348	348	0.00	0	0	0	0
4 6 2 3 1 2 1 3	4	87	347	0.00	0	0	0	0
4 3 4 1 5 3 1 1	1	346	346	0.00	0	0	0	0
6 (12) 2 1 2 3 2 2	1	346	346	0.00	0	0	0	0
1 6 2 1 4 2 2 3	1	346	346	0.00	0	0	0	0
2 3 3 3 3 2 1 1	1	345	345	0.00	0	0	0	0
4 7 1 1 3 3 2 1	1	344	344	0.00	0	0	0	0
3 7 2 2 3 3 2 3	1	343	343	0.00	0	0	0	0
3 5 2 1 1 3 1 2	2	172	343	0.00	0	0	0	0
2 4 2 3 4 3 2 3	1	343	343	0.00	0	0	0	0
1 2 4 1 5 3 1 3	2	171	343	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 6 1 2 3 3 2 1	1	342	342	0.00	0	1	0	1
1 4 2 1 1 3 1 2	2	171	341	0.00	0	0	0	0
6 (13) 2 3 1 3 2 1	2	169	338	0.00	0	0	0	0
1 5 4 2 3 3 2 1	1	337	337	0.00	0	0	0	0
1 4 2 1 4 3 2 1	1	336	336	0.00	0	0	0	0
2 7 3 2 1 3 1 1	1	336	336	0.00	0	0	0	0
1 3 2 1 3 2 2 3	1	336	336	0.00	0	1	0	1
3 3 2 3 2 2 2 2	3	112	336	0.00	0	0	0	0
2 7 2 2 4 2 1 2	1	336	336	0.00	0	0	0	0
5 (12) 1 2 2 3 3 4	1	335	335	0.00	0	0	0	0
1 6 3 1 4 2 2 3	1	335	335	0.00	0	0	0	0
2 5 3 2 4 3 2 2	1	335	335	0.00	0	0	0	0
4 3 3 1 4 2 1 3	1	334	334	0.00	0	0	0	0
3 3 4 3 5 3 3 4	1	333	333	0.00	1	1	0	2
1 4 3 1 1 2 2 3	2	166	333	0.00	0	0	0	0
2 2 2 1 1 1 2 1	1	331	331	0.00	0	0	0	0
2 7 4 2 4 3 3 4	2	166	331	0.00	0	0	0	0
2 6 3 1 3 3 2 1	1	331	331	0.00	0	0	0	0
3 2 4 2 2 3 3 4	1	330	330	0.00	0	0	0	0
2 2 2 1 2 1 2 2	1	330	330	0.00	0	0	0	0
1 (13) 2 1 1 3 1 2	1	330	330	0.00	0	0	0	0
2 5 2 2 3 2 1 3	1	328	328	0.00	0	0	0	0
4 6 1 1 3 3 2 3	1	326	326	0.00	0	0	0	0
2 3 2 2 4 2 1 3	1	326	326	0.00	1	0	0	1
1 1 1 1 4 3 2 3	3	108	325	0.00	0	0	0	0
1 7 1 1 3 3 1 2	2	163	325	0.00	0	0	0	0
1 1 3 1 1 2 1 3	1	325	325	0.00	0	0	0	0
3 2 2 2 3 3 1 1	1	324	324	0.00	0	0	0	0
2 1 2 1 1 1 2 1	1	324	324	0.00	0	0	0	0
2 1 4 3 3 2 1 3	1	323	323	0.00	0	0	0	0
2 3 2 3 4 2 1 3	1	323	323	0.00	1	0	0	1
2 7 4 3 4 1 1 3	1	322	322	0.00	0	0	0	0
1 3 1 1 3 3 2 1	1	322	322	0.00	0	0	0	0
1 3 4 2 1 3 3 4	1	322	322	0.00	0	0	0	0
1 4 3 1 4 3 1 3	1	322	322	0.00	0	0	0	0
2 7 1 1 3 3 3 4	1	322	322	0.00	0	0	0	0
1 7 2 1 4 3 1 3	2	161	321	0.00	0	0	0	0
2 6 4 2 5 3 3 4	1	320	320	0.00	0	0	0	0
3 5 2 2 3 2 1 3	2	160	319	0.00	0	0	0	0
1 7 4 3 4 2 1 3	1	318	318	0.00	0	0	0	0
1 5 4 3 2 3 2 2	2	159	318	0.00	0	0	0	0
1 2 2 1 3 2 2 3	1	315	315	0.00	0	0	0	0
1 3 1 1 5 3 1 3	1	315	315	0.00	0	0	0	0
3 2 3 2 3 2 1 2	1	314	314	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 4 3 3 3 3 4	1	314	314	0.00	0	0	0	0
1 2 3 1 1 3 3 4	1	314	314	0.00	0	0	0	0
2 2 4 2 4 2 3 4	1	314	314	0.00	0	0	0	0
2 1 3 2 5 1 3 4	1	313	313	0.00	0	0	0	0
4 3 2 1 4 2 1 3	1	313	313	0.00	0	0	1	1
3 2 2 1 3 2 2 2	1	310	310	0.00	0	0	0	0
2 2 4 1 5 3 1 1	1	310	310	0.00	0	0	0	0
1 7 3 1 5 2 3 4	1	310	310	0.00	0	0	0	0
1 3 4 2 1 2 1 3	1	310	310	0.00	0	0	0	0
2 3 1 2 2 3 1 1	1	310	310	0.00	0	0	0	0
3 2 4 2 5 2 3 4	1	309	309	0.00	0	0	0	0
2 3 1 3 3 3 1 2	1	309	309	0.00	0	0	0	0
2 1 1 2 3 3 3 4	1	308	308	0.00	0	0	0	0
3 3 2 1 3 3 3 4	2	154	308	0.00	0	0	0	0
1 1 4 3 1 2 1 2	1	308	308	0.00	0	0	0	0
2 2 4 1 4 2 1 1	1	307	307	0.00	0	0	0	0
1 7 4 2 3 2 2 2	1	306	306	0.00	0	0	0	0
1 1 3 1 4 3 2 1	2	153	305	0.00	0	0	0	0
3 5 3 3 2 3 1 2	1	304	304	0.00	0	0	0	0
4 3 2 1 4 2 2 1	1	304	304	0.00	0	0	0	0
1 7 4 3 4 2 3 4	1	304	304	0.00	0	0	0	0
1 2 1 2 3 3 1 3	1	304	304	0.00	0	0	0	0
1 6 3 3 4 3 1 3	2	151	303	0.00	0	0	0	0
2 1 3 3 4 3 2 1	1	303	303	0.00	0	0	0	0
4 3 2 2 2 3 2 2	1	302	302	0.00	0	0	0	0
3 7 2 3 2 3 2 2	2	151	301	0.00	0	0	0	0
2 5 2 2 5 3 3 4	1	301	301	0.00	0	0	0	0
3 3 2 3 1 3 2 2	3	100	300	0.00	0	0	0	0
4 5 1 1 3 3 1 2	2	149	298	0.00	0	0	0	0
2 5 3 2 5 3 3 4	1	298	298	0.00	0	0	0	0
2 2 4 3 3 2 1 3	1	297	297	0.00	0	0	0	0
3 2 3 2 4 3 1 3	2	149	297	0.00	0	0	0	0
3 7 4 2 4 3 1 3	1	297	297	0.00	0	0	0	0
3 3 2 1 1 3 2 3	1	296	296	0.00	0	0	0	0
4 3 2 2 3 2 1 2	1	295	295	0.00	0	0	0	0
1 7 4 1 1 2 2 3	1	295	295	0.00	0	0	0	0
4 7 2 3 1 2 1 1	1	295	295	0.00	0	0	0	0
1 2 1 3 4 3 1 3	3	98	294	0.00	0	0	0	0
1 1 3 1 3 3 1 1	2	147	294	0.00	0	0	0	0
3 5 2 1 3 2 1 2	2	146	293	0.00	0	0	0	0
4 7 1 2 3 3 1 2	3	98	293	0.00	0	0	0	0
1 2 4 2 3 2 1 3	1	292	292	0.00	0	0	0	0
3 5 3 3 2 3 2 3	1	291	291	0.00	0	0	0	0
1 1 3 3 4 3 2 2	1	291	291	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 1 4 3 3 3 1 1	1	291	291	0.00	0	0	0	0
1 7 3 3 1 3 1 1	1	290	290	0.00	0	0	0	0
3 5 2 3 3 2 1 2	1	290	290	0.00	0	0	0	0
5 2 1 1 2 3 1 2	1	290	290	0.00	0	0	0	0
3 6 1 1 4 3 2 3	1	290	290	0.00	0	0	0	0
3 3 2 2 2 3 2 2	2	144	289	0.00	0	0	0	0
2 5 1 1 2 1 2 1	1	288	288	0.00	0	0	0	0
2 5 4 3 3 3 1 3	1	288	288	0.00	0	0	0	0
2 2 1 3 1 3 1 1	1	288	288	0.00	0	0	0	0
2 6 4 1 4 3 2 2	1	287	287	0.00	0	1	0	1
1 1 3 1 2 3 1 1	1	286	286	0.00	0	0	0	0
4 6 1 3 1 3 2 3	1	286	286	0.00	0	0	0	0
2 2 4 2 1 3 3 4	1	285	285	0.00	0	0	0	0
4 6 2 1 2 3 1 1	1	284	284	0.00	1	1	0	2
4 3 3 2 4 3 1 2	3	94	282	0.00	0	0	0	0
2 6 2 3 1 2 1 2	1	282	282	0.00	0	0	0	0
4 6 2 2 4 3 2 3	1	281	281	0.00	0	0	0	0
3 6 2 3 4 2 1 3	2	140	281	0.00	0	0	0	0
1 6 3 1 1 2 1 3	1	281	281	0.00	0	0	0	0
5 (13) 1 2 2 3 1 2	1	279	279	0.00	0	0	0	0
3 5 1 1 4 3 2 1	2	139	279	0.00	0	0	0	0
3 3 4 3 5 3 1 3	1	279	279	0.00	0	0	0	0
1 2 2 2 2 3 2 3	1	279	279	0.00	0	0	0	0
2 6 3 3 5 3 3 4	1	279	279	0.00	0	0	0	0
4 7 2 3 1 3 1 1	1	278	278	0.00	0	0	1	1
1 2 1 1 1 3 2 3	1	277	277	0.00	0	0	0	0
1 1 3 2 2 3 2 1	1	276	276	0.00	0	0	0	0
1 5 2 2 4 2 2 1	1	275	275	0.00	0	0	0	0
6 (13) 1 3 1 3 1 2	1	274	274	0.00	0	0	0	0
6 (13) 2 1 3 3 1 1	1	274	274	0.00	0	0	0	0
1 5 3 2 4 3 1 3	1	273	273	0.00	0	0	0	0
4 3 2 1 2 2 1 3	2	136	273	0.00	0	0	0	0
1 2 2 2 3 2 2 1	1	273	273	0.00	0	0	0	0
2 1 2 3 3 2 1 1	2	136	272	0.00	0	0	0	0
3 3 1 3 1 3 2 2	1	272	272	0.00	0	0	0	0
1 3 2 3 4 3 2 2	1	271	271	0.00	0	0	0	0
1 6 2 1 4 3 2 2	1	271	271	0.00	0	0	0	0
1 3 4 3 2 3 1 2	2	136	271	0.00	0	0	0	0
2 2 2 2 1 3 3 4	1	271	271	0.00	0	0	0	0
2 2 2 3 3 2 1 1	1	271	271	0.00	0	0	0	0
2 1 4 1 3 1 2 3	1	270	270	0.00	0	0	0	0
1 5 2 3 1 2 2 3	1	270	270	0.00	0	0	0	0
3 2 4 1 3 3 1 3	1	270	270	0.00	0	0	0	0
1 5 4 1 4 1 1 2	1	270	270	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 3 2 5 2 3 4	1	269	269	0.00	0	0	0	0
2 5 2 2 2 2 2 1	1	269	269	0.00	0	0	0	0
2 (13) 1 1 1 3 1 1	1	269	269	0.00	0	0	0	0
1 2 3 3 1 3 1 3	1	269	269	0.00	0	0	0	0
1 1 3 3 2 3 1 3	2	134	268	0.00	0	0	0	0
2 7 2 1 4 2 1 2	2	134	268	0.00	0	1	0	1
1 7 1 1 1 3 1 1	1	268	268	0.00	0	0	0	0
1 6 2 1 4 2 3 4	1	268	268	0.00	0	0	0	0
2 5 2 2 1 2 1 2	1	267	267	0.00	0	0	0	0
1 (12) 2 1 2 2 1 2	1	266	266	0.00	0	0	0	0
2 5 2 2 2 2 1 2	1	266	266	0.00	0	0	0	0
4 6 2 1 4 3 1 3	1	266	266	0.00	0	0	0	0
1 2 2 2 3 2 1 3	2	132	265	0.00	0	0	0	0
1 3 4 3 1 2 1 2	1	265	265	0.00	0	0	0	0
3 3 2 1 1 2 2 3	1	265	265	0.00	0	0	0	0
4 7 1 3 3 3 2 2	1	263	263	0.00	0	0	0	0
4 3 2 2 2 2 1 3	1	263	263	0.00	0	0	0	0
2 2 1 2 3 2 2 3	2	131	262	0.00	0	0	0	0
2 6 1 1 3 2 2 3	1	262	262	0.00	0	0	0	0
1 3 4 3 5 3 1 1	2	131	261	0.00	0	0	0	0
1 3 3 2 2 2 2 2	1	260	260	0.00	0	0	0	0
1 3 3 1 1 3 2 1	1	259	259	0.00	0	0	0	0
4 6 1 3 1 3 1 1	2	130	259	0.00	0	0	0	0
2 3 3 2 1 3 2 3	1	259	259	0.00	0	0	0	0
4 3 4 3 2 3 1 3	1	258	258	0.00	0	0	0	0
1 4 2 1 4 3 1 1	1	258	258	0.00	0	0	0	0
2 2 1 3 2 2 2 3	1	257	257	0.00	0	0	0	0
2 7 4 2 3 3 3 4	1	256	256	0.00	0	0	0	0
3 3 4 2 3 2 1 3	1	256	256	0.00	0	0	0	0
3 3 4 1 3 3 1 1	1	255	255	0.00	0	0	0	0
3 3 4 3 3 3 1 3	1	255	255	0.00	0	0	0	0
1 1 1 1 4 3 1 3	1	254	254	0.00	0	0	0	0
3 3 1 3 3 3 3 4	2	126	253	0.00	0	0	0	0
4 5 2 2 4 2 1 1	2	126	252	0.00	0	0	0	0
1 2 4 2 1 2 1 2	1	252	252	0.00	0	0	0	0
2 7 2 2 1 3 2 3	1	251	251	0.00	0	0	0	0
1 2 4 2 4 3 1 1	1	251	251	0.00	0	0	0	0
3 7 1 1 2 3 1 2	1	251	251	0.00	0	0	0	0
2 9 3 2 1 3 1 1	2	125	250	0.00	0	0	0	0
3 3 4 3 3 3 3 4	1	249	249	0.00	0	0	0	0
2 2 1 1 1 3 1 1	1	249	249	0.00	0	0	0	0
1 3 4 3 5 3 1 3	1	248	248	0.00	0	0	0	0
5 2 2 1 2 3 1 3	1	248	248	0.00	0	0	0	0
1 (12) 2 2 2 3 1 3	1	248	248	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 (13) 1 3 2 3 1 1	1	247	247	0.00	0	0	0	0
2 2 4 2 3 2 2 1	1	247	247	0.00	0	0	0	0
2 2 2 1 3 2 3 4	1	246	246	0.00	0	0	0	0
3 3 2 3 3 2 2 2	2	123	245	0.00	0	0	0	0
4 5 1 3 4 3 1 1	2	122	244	0.00	0	0	0	0
2 7 2 1 3 3 3 4	1	243	243	0.00	0	0	0	0
2 5 1 1 3 1 2 3	2	122	243	0.00	0	0	0	0
1 1 1 2 3 2 2 2	1	243	243	0.00	0	0	0	0
2 3 4 3 4 3 2 1	2	121	243	0.00	0	0	0	0
4 7 2 2 1 3 1 2	2	121	243	0.00	0	0	0	0
1 2 1 1 4 3 1 3	2	121	242	0.00	0	0	0	0
1 3 1 1 5 3 3 4	1	242	242	0.00	0	0	0	0
2 7 3 3 4 3 1 3	1	242	242	0.00	0	0	0	0
2 1 4 2 4 3 2 2	1	242	242	0.00	0	0	0	0
2 2 2 3 1 3 1 1	2	121	242	0.00	0	0	0	0
2 2 4 1 2 1 2 1	1	241	241	0.00	1	0	0	1
2 5 3 3 1 3 2 3	1	241	241	0.00	0	0	0	0
1 2 1 2 4 3 2 3	1	241	241	0.00	0	0	0	0
1 1 3 3 4 2 2 3	1	241	241	0.00	0	0	0	0
4 3 2 1 3 3 3 4	3	80	240	0.00	0	0	0	0
1 1 1 3 4 2 3 4	1	240	240	0.00	0	0	0	0
2 6 2 1 5 3 1 1	1	240	240	0.00	0	0	0	0
6 (13) 2 1 1 3 3 4	1	240	240	0.00	0	0	0	0
1 1 2 1 4 1 1 2	1	240	240	0.00	0	0	0	0
2 7 4 2 4 2 3 4	1	239	239	0.00	0	0	0	0
1 6 4 3 4 2 3 4	1	239	239	0.00	0	0	0	0
2 1 2 1 1 1 1 3	1	239	239	0.00	0	0	0	0
2 1 2 2 1 2 2 3	1	238	238	0.00	0	0	0	0
1 2 2 1 4 2 3 4	1	238	238	0.00	0	0	0	0
1 2 4 2 4 2 1 3	1	237	237	0.00	0	0	0	0
2 6 1 1 2 3 1 2	1	237	237	0.00	0	0	0	0
1 1 1 2 4 2 1 2	1	236	236	0.00	0	0	0	0
1 6 4 2 3 3 3 4	1	235	235	0.00	0	0	0	0
4 6 1 2 3 3 1 3	1	232	232	0.00	0	0	0	0
4 5 1 2 2 3 2 2	1	232	232	0.00	0	0	0	0
4 6 2 3 3 3 2 2	1	231	231	0.00	1	0	0	1
1 3 2 1 4 3 1 3	1	231	231	0.00	0	0	0	0
1 6 3 2 3 2 2 1	1	231	231	0.00	0	0	0	0
3 5 2 1 2 3 1 2	1	230	230	0.00	0	0	0	0
4 6 2 2 4 3 3 4	1	230	230	0.00	0	0	0	0
4 7 2 2 4 3 1 2	1	230	230	0.00	0	0	0	0
1 6 4 1 3 2 2 1	2	115	230	0.00	0	0	0	0
3 3 2 1 4 2 2 1	1	230	230	0.00	0	0	0	0
1 (13) 2 1 2 3 1 1	2	115	229	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 2 2 2 3 2 3 4	1	229	229	0.00	0	0	0	0
1 5 2 2 2 3 1 2	1	228	228	0.00	0	0	0	0
3 3 2 1 4 2 2 2	1	227	227	0.00	0	0	0	0
3 5 2 2 4 3 1 2	1	227	227	0.00	0	0	0	0
2 3 3 1 1 3 2 1	1	227	227	0.00	0	0	0	0
4 5 1 3 4 3 2 2	1	227	227	0.00	0	0	0	0
3 7 4 3 3 3 1 3	1	226	226	0.00	0	1	0	1
1 9 2 1 2 3 1 3	1	226	226	0.00	1	0	0	1
3 3 2 2 3 2 1 2	2	113	225	0.00	0	0	0	0
1 1 4 1 1 2 2 3	1	225	225	0.00	0	0	0	0
1 6 4 2 3 3 2 1	1	225	225	0.00	0	0	0	0
2 9 1 1 2 3 2 3	1	225	225	0.00	0	0	0	0
1 7 1 3 3 3 1 1	1	224	224	0.00	0	0	0	0
2 2 3 3 1 2 1 3	1	223	223	0.00	0	0	0	0
1 7 2 1 4 2 1 3	1	223	223	0.00	0	0	0	0
2 1 3 3 3 2 2 1	1	223	223	0.00	0	0	0	0
2 1 1 1 3 2 2 2	1	222	222	0.00	0	0	0	0
1 2 2 1 4 3 2 2	1	221	221	0.00	0	0	0	0
1 2 4 3 4 3 1 1	2	110	220	0.00	0	0	0	0
3 3 2 1 3 2 2 1	1	220	220	0.00	0	0	0	0
1 6 4 1 1 3 1 2	2	110	220	0.00	0	0	0	0
1 3 4 1 2 3 1 1	1	219	219	0.00	0	0	0	0
2 5 2 2 1 3 1 2	2	109	219	0.00	0	0	0	0
4 6 1 3 3 3 3 4	1	218	218	0.00	1	0	0	1
2 2 4 3 3 2 2 1	1	218	218	0.00	0	0	0	0
2 6 2 1 3 2 1 2	1	218	218	0.00	0	0	0	0
3 6 3 3 4 3 2 1	1	217	217	0.00	0	0	0	0
4 7 2 1 2 3 1 1	1	217	217	0.00	0	0	0	0
1 2 4 1 5 3 1 1	1	216	216	0.00	0	0	0	0
2 7 2 1 4 2 1 3	1	215	215	0.00	0	0	0	0
1 3 2 1 1 3 1 1	1	215	215	0.00	0	0	0	0
1 3 2 3 3 2 1 3	1	215	215	0.00	0	0	0	0
2 7 3 2 3 3 3 4	1	215	215	0.00	0	0	0	0
1 7 4 2 3 2 1 3	1	215	215	0.00	0	0	0	0
2 6 2 1 2 2 1 2	1	214	214	0.00	0	0	0	0
4 3 4 3 4 3 1 2	1	213	213	0.00	0	0	0	0
1 3 4 3 1 2 2 3	1	213	213	0.00	0	0	0	0
3 6 2 1 3 3 1 2	1	212	212	0.00	0	0	0	0
1 6 1 1 2 3 1 2	1	211	211	0.00	0	0	0	0
2 7 2 2 1 3 3 4	1	208	208	0.00	0	0	0	0
3 2 2 1 5 3 1 1	1	208	208	0.00	0	0	0	0
4 3 2 1 1 3 1 1	2	104	208	0.00	1	0	0	1
3 3 3 1 3 3 3 4	2	104	208	0.00	0	0	0	0
1 2 3 1 4 3 2 3	1	207	207	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
6 (13) 1 3 2 3 1 1	1	207	207	0.00	0	0	0	0
2 6 2 1 3 3 2 1	1	206	206	0.00	0	0	0	0
3 3 3 1 2 3 1 3	2	103	206	0.00	0	0	0	0
3 5 4 3 2 3 2 3	1	205	205	0.00	0	0	0	0
1 2 3 1 1 2 1 3	1	205	205	0.00	0	0	0	0
1 7 4 2 4 3 1 2	1	205	205	0.00	0	0	0	0
3 2 4 1 1 3 1 2	1	204	204	0.00	0	0	0	0
2 3 4 1 1 3 3 4	1	204	204	0.00	0	0	0	0
1 7 2 3 4 3 3 4	1	204	204	0.00	0	0	0	0
2 7 1 2 3 3 2 3	1	203	203	0.00	1	0	0	1
2 2 1 1 2 3 3 4	1	203	203	0.00	0	0	0	0
1 2 4 2 4 3 2 3	1	201	201	0.00	0	0	0	0
2 1 2 3 4 1 1 2	1	201	201	0.00	0	0	0	0
2 5 3 3 1 3 1 3	1	200	200	0.00	0	0	0	0
1 7 4 3 3 1 1 2	2	100	200	0.00	0	0	0	0
1 5 3 1 1 3 2 3	1	200	200	0.00	0	0	0	0
3 3 3 1 2 3 3 4	1	200	200	0.00	0	0	0	0
4 7 1 3 2 3 2 3	1	199	199	0.00	0	0	0	0
3 6 1 3 2 2 1 3	1	198	198	0.00	0	0	0	0
3 5 2 2 3 3 2 3	2	99	198	0.00	0	0	0	0
4 7 1 3 3 2 1 3	1	197	197	0.00	1	1	1	3
4 3 1 3 2 2 2 2	2	99	197	0.00	0	0	0	0
4 6 1 2 2 3 2 1	1	196	196	0.00	0	0	0	0
1 2 1 2 2 3 1 3	1	195	195	0.00	0	0	0	0
1 2 4 3 3 2 1 3	2	98	195	0.00	0	0	0	0
2 5 2 1 5 3 3 4	1	194	194	0.00	0	0	0	0
2 4 2 2 3 2 1 3	1	194	194	0.00	0	0	0	0
2 2 1 2 1 2 2 2	1	193	193	0.00	0	0	0	0
1 6 1 2 4 2 3 4	1	193	193	0.00	0	0	1	1
2 9 1 2 2 3 2 3	2	94	189	0.00	0	0	0	0
2 7 3 3 2 3 2 1	1	187	187	0.00	0	0	0	0
2 2 4 3 5 3 1 3	1	187	187	0.00	0	0	0	0
3 5 2 2 4 1 1 3	1	186	186	0.00	0	0	0	0
3 3 4 2 3 2 2 2	1	186	186	0.00	0	0	0	0
3 5 1 2 3 3 1 2	1	185	185	0.00	0	0	0	0
1 2 3 1 1 3 1 2	1	185	185	0.00	0	0	0	0
2 7 4 1 4 3 2 3	1	185	185	0.00	0	0	0	0
3 3 4 2 1 2 1 3	1	184	184	0.00	0	0	0	0
2 6 3 3 4 3 2 3	1	184	184	0.00	0	0	0	0
3 7 2 1 1 3 1 2	1	184	184	0.00	0	0	0	0
3 5 1 2 4 2 1 2	1	184	184	0.00	0	0	0	0
4 7 1 2 3 3 2 1	1	184	184	0.00	0	0	0	0
3 6 2 2 3 3 2 2	1	184	184	0.00	0	0	0	0
2 6 2 2 3 3 1 2	1	183	183	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 5 1 3 2 3 2 1	1	183	183	0.00	0	0	0	0
3 3 4 1 4 3 1 1	1	181	181	0.00	0	0	0	0
2 3 3 1 2 3 2 2	1	181	181	0.00	0	0	0	0
3 7 3 2 2 3 2 1	1	180	180	0.00	0	0	0	0
2 7 2 1 2 2 2 2	1	180	180	0.00	0	0	0	0
2 7 4 3 2 3 3 4	1	179	179	0.00	0	0	0	0
2 5 4 1 2 2 2 3	1	179	179	0.00	0	0	0	0
1 1 2 2 3 3 1 1	1	178	178	0.00	0	0	0	0
1 2 2 3 4 3 2 2	1	177	177	0.00	0	0	0	0
1 6 2 2 4 3 2 1	1	177	177	0.00	0	0	0	0
2 6 3 3 2 3 1 1	1	177	177	0.00	0	0	0	0
2 3 3 1 4 3 2 1	2	88	176	0.00	0	0	0	0
1 2 4 1 2 3 2 3	1	176	176	0.00	0	0	0	0
2 7 4 3 1 3 1 2	1	175	175	0.00	0	1	0	1
2 3 2 3 1 2 2 3	1	174	174	0.00	0	0	0	0
4 5 2 3 3 3 3 4	1	174	174	0.00	0	0	0	0
4 3 2 3 1 3 3 4	2	86	173	0.00	0	0	0	0
3 6 2 1 3 2 1 1	1	172	172	0.00	0	0	0	0
2 5 2 3 2 3 1 2	2	86	171	0.00	0	0	0	0
1 3 1 2 3 3 2 1	1	170	170	0.00	0	0	0	0
2 1 1 2 4 1 1 2	1	170	170	0.00	0	0	0	0
3 2 2 1 2 2 2 3	1	170	170	0.00	0	0	0	0
3 2 4 2 1 3 3 4	1	169	169	0.00	0	0	0	0
2 6 1 1 4 2 3 4	1	169	169	0.00	0	0	0	0
2 2 2 3 3 3 1 1	1	169	169	0.00	1	0	0	1
1 5 3 2 4 3 2 2	2	84	167	0.00	0	0	0	0
1 7 3 1 1 3 1 3	2	84	167	0.00	0	0	0	0
1 5 4 1 1 3 2 3	1	166	166	0.00	0	0	0	0
6 (13) 2 3 2 3 1 1	1	166	166	0.00	0	0	0	0
1 3 3 1 4 2 1 3	1	166	166	0.00	0	0	0	0
1 3 4 3 1 3 1 3	1	165	165	0.00	0	0	0	0
4 5 2 2 1 3 1 2	2	82	165	0.00	0	0	0	0
3 5 3 1 2 3 1 2	1	164	164	0.00	0	0	0	0
2 2 2 3 1 2 1 1	1	164	164	0.00	0	0	0	0
1 1 2 3 3 3 1 1	1	164	164	0.00	0	0	0	0
2 7 4 1 2 3 2 3	1	163	163	0.00	0	0	0	0
2 1 4 3 5 3 1 1	1	163	163	0.00	0	0	0	0
2 1 2 3 4 1 1 3	1	163	163	0.00	0	1	0	1
1 5 4 3 3 2 1 2	1	163	163	0.00	0	0	0	0
2 3 2 2 3 2 2 2	1	163	163	0.00	0	0	0	0
1 2 2 2 4 3 2 3	2	81	163	0.00	0	0	0	0
1 1 4 1 5 3 1 3	1	162	162	0.00	0	0	0	0
2 7 3 2 3 3 2 2	2	81	162	0.00	0	0	0	0
1 7 1 1 3 3 1 3	2	81	162	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
4 5 4 1 2 3 2 1	1	161	161	0.00	0	0	0	0
2 2 2 2 1 3 2 1	1	160	160	0.00	0	0	0	0
1 7 4 3 3 3 1 1	2	80	160	0.00	0	0	0	0
2 2 3 3 3 3 2 1	1	160	160	0.00	0	0	0	0
2 5 2 2 3 3 3 4	1	159	159	0.00	0	0	0	0
4 7 2 2 1 3 2 3	1	159	159	0.00	0	0	1	1
1 2 3 3 3 3 1 3	1	159	159	0.00	0	0	0	0
1 9 3 1 3 3 1 1	1	159	159	0.00	0	0	0	0
2 3 1 3 4 3 1 1	1	158	158	0.00	0	0	0	0
4 5 1 2 2 3 1 2	1	158	158	0.00	0	0	0	0
2 1 3 1 1 3 1 1	2	79	157	0.00	0	0	0	0
4 3 3 1 4 2 3 4	1	156	156	0.00	0	0	0	0
1 7 4 2 1 3 2 3	1	156	156	0.00	0	0	0	0
1 1 1 2 4 3 2 1	1	155	155	0.00	0	0	0	0
3 7 2 2 4 3 1 1	2	77	155	0.00	0	0	0	0
2 4 4 1 3 2 1 2	1	154	154	0.00	0	0	0	0
1 1 3 2 1 3 1 1	1	154	154	0.00	0	0	0	0
1 5 2 3 2 3 1 1	1	154	154	0.00	0	0	0	0
3 2 1 1 4 3 1 2	1	154	154	0.00	0	0	0	0
2 2 2 2 2 1 2 2	1	153	153	0.00	0	0	0	0
3 3 4 3 1 2 1 3	1	153	153	0.00	0	0	0	0
2 5 1 3 4 3 2 3	1	153	153	0.00	0	0	0	0
1 3 2 1 5 3 1 1	1	152	152	0.00	0	0	0	0
1 6 2 1 4 2 1 1	1	152	152	0.00	0	0	0	0
2 3 4 2 3 3 2 2	1	152	152	0.00	0	0	0	0
1 5 1 1 3 2 1 2	1	151	151	0.00	0	0	0	0
1 1 2 3 4 2 1 3	2	75	150	0.00	0	0	0	0
3 2 1 1 1 2 2 2	2	75	150	0.00	0	0	0	0
3 5 2 3 3 2 2 3	1	150	150	0.00	0	0	0	0
2 3 2 1 3 3 3 4	1	149	149	0.00	0	0	0	0
3 2 1 1 2 2 2 3	1	149	149	0.00	0	0	0	0
1 7 3 1 2 3 2 3	2	74	148	0.00	0	0	0	0
4 3 4 1 2 3 2 1	1	148	148	0.00	0	0	0	0
1 3 1 1 3 3 1 3	1	148	148	0.00	0	0	0	0
2 2 4 2 2 2 1 3	1	147	147	0.00	0	0	0	0
2 4 1 1 2 2 2 2	1	147	147	0.00	0	0	0	0
2 6 1 1 1 3 1 2	1	146	146	0.00	0	0	0	0
2 3 4 1 4 3 2 3	1	146	146	0.00	0	1	0	1
1 1 2 2 1 2 2 3	2	72	145	0.00	0	0	0	0
3 5 2 3 3 2 1 3	2	72	144	0.00	0	0	0	0
2 1 3 3 4 2 1 3	2	72	144	0.00	0	0	0	0
3 7 4 2 4 3 3 4	1	144	144	0.00	0	0	0	0
2 6 4 2 3 3 2 2	1	143	143	0.00	0	0	0	0
3 2 3 2 1 3 1 3	1	142	142	0.00	0	0	0	0

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Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 6 2 1 3 2 2 1	1	142	142	0.00	0	0	0	0
1 5 1 1 3 3 1 3	2	71	141	0.00	0	0	0	0
1 7 2 3 4 2 2 1	1	141	141	0.00	0	0	0	0
1 7 4 1 2 2 1 2	1	141	141	0.00	0	0	0	0
2 1 2 2 1 1 1 2	1	140	140	0.00	0	0	0	0
2 3 1 1 1 3 1 3	1	139	139	0.00	0	0	0	0
2 (12) 1 2 2 3 1 1	1	139	139	0.00	0	0	0	0
2 5 4 1 1 3 2 3	1	138	138	0.00	0	0	0	0
2 2 3 2 1 3 2 1	1	138	138	0.00	0	0	0	0
2 2 3 1 2 2 2 2	1	138	138	0.00	0	0	0	0
1 1 1 2 4 2 2 1	1	138	138	0.00	0	0	0	0
1 3 3 1 1 3 1 1	1	137	137	0.00	0	0	0	0
1 3 4 2 4 3 2 3	1	137	137	0.00	0	0	0	0
2 7 3 2 1 3 1 2	1	137	137	0.00	0	0	0	0
1 3 2 1 3 3 3 4	1	136	136	0.00	0	0	0	0
2 3 4 3 1 3 1 3	1	136	136	0.00	0	0	0	0
1 6 2 3 1 2 1 3	1	136	136	0.00	0	0	0	0
2 7 2 3 1 3 1 2	1	136	136	0.00	0	0	0	0
1 6 4 2 5 3 1 3	1	135	135	0.00	0	0	0	0
1 7 1 2 4 2 1 2	1	135	135	0.00	0	0	0	0
3 3 2 1 1 3 1 2	1	135	135	0.00	0	0	0	0
2 3 3 3 1 3 3 4	1	135	135	0.00	0	0	0	0
2 6 3 2 2 1 2 2	1	135	135	0.00	0	0	0	0
4 7 2 1 2 3 2 3	1	135	135	0.00	0	0	0	0
2 1 2 2 3 3 1 1	1	135	135	0.00	0	0	0	0
1 3 2 2 1 3 2 3	1	134	134	0.00	0	0	0	0
3 3 2 3 3 2 3 4	1	133	133	0.00	0	0	0	0
1 6 2 2 4 3 1 3	1	132	132	0.00	0	0	0	0
1 6 3 1 3 2 2 1	1	132	132	0.00	0	0	0	0
2 7 4 3 3 3 2 2	1	132	132	0.00	0	1	0	1
1 2 2 2 2 3 2 1	1	132	132	0.00	0	0	0	0
2 7 4 1 4 3 1 3	1	130	130	0.00	0	0	0	0
2 6 3 2 2 2 2 2	1	129	129	0.00	0	0	0	0
2 3 1 2 3 3 1 3	1	128	128	0.00	0	0	0	0
4 5 1 3 2 3 1 2	2	64	127	0.00	0	0	0	0
2 7 2 1 2 3 2 2	1	127	127	0.00	0	0	0	0
2 6 3 1 3 2 2 2	1	127	127	0.00	0	0	0	0
1 (13) 2 1 3 3 2 2	1	126	126	0.00	0	0	0	0
6 (13) 1 1 1 3 3 3	1	124	124	0.00	0	0	0	0
1 5 3 2 3 2 2 2	1	123	123	0.00	0	0	0	0
2 3 3 1 3 2 1 3	1	123	123	0.00	0	0	0	0
1 7 2 2 1 3 3 4	1	123	123	0.00	0	0	0	0
4 5 2 1 4 2 1 1	1	122	122	0.00	0	0	0	0
2 2 3 1 1 3 1 2	1	121	121	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
2 5 2 3 3 3 2 3	1	120	120	0.00	0	0	0	0
2 7 1 1 3 3 2 1	1	120	120	0.00	0	0	0	0
2 3 2 2 3 2 2 3	1	119	119	0.00	0	0	0	0
5 9 2 2 2 3 2 3	1	119	119	0.00	0	0	0	0
2 2 2 3 4 2 2 2	1	119	119	0.00	0	0	0	0
1 3 2 1 3 3 1 1	1	119	119	0.00	0	0	0	0
3 2 3 1 1 3 3 4	1	119	119	0.00	0	0	0	0
2 3 2 2 3 3 3 4	1	117	117	0.00	0	0	0	0
1 1 4 1 1 3 1 1	1	117	117	0.00	0	0	0	0
1 1 4 3 3 3 2 1	3	39	117	0.00	0	0	0	0
5 (13) 1 1 1 3 1 3	1	117	117	0.00	0	0	0	0
2 7 3 1 5 3 3 4	1	117	117	0.00	0	0	0	0
1 7 3 1 4 3 2 2	1	116	116	0.00	0	0	0	0
3 7 1 2 4 3 2 3	1	116	116	0.00	0	0	0	0
4 5 2 1 3 3 3 4	1	115	115	0.00	0	0	0	0
4 3 2 2 1 3 2 2	1	114	114	0.00	0	0	0	0
2 5 1 1 5 3 3 4	1	113	113	0.00	0	0	0	0
1 7 2 2 2 3 1 2	1	112	112	0.00	0	0	0	0
2 5 1 1 1 3 1 2	1	112	112	0.00	0	0	0	0
6 (13) 2 1 1 3 2 2	1	111	111	0.00	0	0	0	0
1 1 4 2 2 3 2 1	1	111	111	0.00	0	0	0	0
2 7 4 1 3 3 1 1	1	111	111	0.00	0	0	0	0
1 1 1 3 2 3 2 2	1	111	111	0.00	0	0	0	0
3 6 3 2 2 3 1 2	1	110	110	0.00	0	0	0	0
1 2 2 1 5 3 1 3	1	110	110	0.00	0	0	0	0
3 2 2 1 1 3 1 2	2	55	110	0.00	0	0	0	0
4 3 2 3 1 2 1 1	1	110	110	0.00	0	0	0	0
2 6 2 3 3 3 2 3	1	110	110	0.00	0	0	0	0
2 7 4 3 2 3 2 3	1	109	109	0.00	0	0	0	0
2 7 4 2 1 3 2 3	1	109	109	0.00	0	1	0	1
6 3 3 2 1 3 1 3	1	109	109	0.00	0	0	0	0
6 3 1 1 1 3 1 3	1	108	108	0.00	0	0	0	0
4 3 1 2 5 3 3 4	1	107	107	0.00	0	0	0	0
2 5 4 2 4 3 1 2	1	107	107	0.00	0	0	0	0
1 2 1 2 1 3 1 3	1	107	107	0.00	0	0	0	0
1 7 2 1 2 3 2 2	1	107	107	0.00	0	0	0	0
2 6 2 3 4 3 1 1	1	106	106	0.00	0	0	0	0
6 (13) 2 1 1 3 3 3	1	106	106	0.00	0	0	0	0
5 3 1 3 2 3 1 3	1	104	104	0.00	0	0	0	0
3 3 2 1 5 3 1 3	1	104	104	0.00	0	0	0	0
2 1 1 1 2 3 1 1	1	104	104	0.00	0	0	0	0
3 7 2 2 2 3 2 2	1	104	104	0.00	0	0	0	0
1 7 3 1 4 2 2 3	1	103	103	0.00	0	0	0	0
2 7 3 3 4 3 1 1	1	102	102	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 6 3 3 3 3 3 4	1	102	102	0.00	0	0	0	0
1 7 3 1 1 2 1 2	1	102	102	0.00	0	0	0	0
2 6 2 2 1 2 1 2	1	101	101	0.00	0	0	0	0
1 7 3 1 3 2 2 3	1	101	101	0.00	0	0	0	0
1 7 3 2 4 3 1 2	1	101	101	0.00	0	0	0	0
1 6 3 2 4 2 1 3	1	101	101	0.00	0	0	0	0
4 6 1 3 1 3 1 2	1	101	101	0.00	0	0	0	0
1 3 3 3 3 3 2 2	1	101	101	0.00	0	0	0	0
3 5 4 1 2 3 1 1	1	101	101	0.00	0	0	0	0
1 2 1 2 3 3 1 1	1	100	100	0.00	0	0	0	0
4 5 1 3 2 3 2 2	1	100	100	0.00	0	0	0	0
2 3 4 3 3 3 3 4	1	100	100	0.00	0	0	0	0
2 3 2 2 4 3 1 2	1	100	100	0.00	0	0	0	0
4 3 3 2 3 3 3 4	1	100	100	0.00	0	0	0	0
2 3 4 1 1 2 2 3	1	99	99	0.00	0	0	0	0
1 1 4 2 1 3 2 3	1	98	98	0.00	0	0	0	0
1 3 4 2 3 2 1 3	1	98	98	0.00	0	0	0	0
4 5 2 1 3 3 2 3	1	98	98	0.00	0	0	0	0
2 6 3 3 3 3 3 4	1	98	98	0.00	0	0	0	0
2 7 4 2 1 3 1 3	1	97	97	0.00	0	0	0	0
1 2 2 2 4 3 1 1	1	97	97	0.00	0	0	0	0
2 6 2 2 1 3 1 2	1	97	97	0.00	0	0	0	0
6 (13) 2 1 1 3 2 1	1	96	96	0.00	0	0	0	0
2 3 2 3 2 3 2 1	1	96	96	0.00	0	0	0	0
1 2 2 2 1 2 1 3	1	96	96	0.00	0	0	0	0
1 7 1 1 4 3 2 2	1	95	95	0.00	0	0	0	0
4 3 3 3 2 3 1 3	1	95	95	0.00	0	0	0	0
1 1 2 2 1 2 1 1	1	95	95	0.00	0	0	0	0
2 3 3 1 1 2 1 2	1	95	95	0.00	0	0	0	0
2 3 3 1 2 2 1 1	1	94	94	0.00	0	0	0	0
2 6 4 2 4 2 3 4	1	94	94	0.00	0	0	0	0
1 1 4 3 3 3 1 1	1	93	93	0.00	0	0	0	0
4 3 2 1 1 2 1 1	1	93	93	0.00	0	0	0	0
2 7 3 1 4 2 1 3	1	93	93	0.00	0	0	0	0
2 2 4 1 2 1 1 2	1	92	92	0.00	0	0	0	0
3 7 2 1 1 3 1 3	1	92	92	0.00	0	0	0	0
2 7 4 2 5 3 3 4	1	91	91	0.00	0	0	0	0
4 6 2 2 1 3 2 3	1	91	91	0.00	0	0	0	0
1 1 2 1 4 2 2 1	1	91	91	0.00	0	0	0	0
2 7 4 1 1 3 1 1	1	90	90	0.00	0	0	0	0
4 6 2 3 1 2 1 2	1	90	90	0.00	0	0	0	0
3 7 1 2 3 3 2 1	1	90	90	0.00	0	0	0	0
3 3 4 1 4 2 1 2	1	89	89	0.00	0	0	0	0
2 6 4 2 1 3 1 2	1	89	89	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 3 3 1 4 3 2 1	1	89	89	0.00	0	0	0	0
1 3 3 2 5 3 1 1	1	89	89	0.00	0	0	0	0
2 5 2 3 3 3 3 4	1	88	88	0.00	0	0	0	0
3 7 2 1 4 3 1 1	1	88	88	0.00	0	0	0	0
3 3 1 1 3 2 2 1	1	87	87	0.00	0	0	0	0
2 7 4 1 1 3 1 3	1	87	87	0.00	0	0	0	0
3 2 1 3 3 3 3 4	1	87	87	0.00	0	0	0	0
1 7 1 3 2 3 1 3	1	86	86	0.00	0	0	0	0
4 6 1 3 2 3 2 1	1	86	86	0.00	0	0	0	0
2 2 2 2 2 3 1 1	1	85	85	0.00	0	0	0	0
1 1 3 1 4 1 1 1	1	85	85	0.00	0	0	0	0
2 6 3 2 4 3 2 3	1	84	84	0.00	0	0	0	0
1 7 3 2 4 3 2 1	1	84	84	0.00	0	0	0	0
1 4 4 1 4 3 1 1	1	84	84	0.00	0	0	0	0
2 1 3 1 2 1 2 2	1	84	84	0.00	0	0	0	0
3 7 1 2 2 2 2 2	1	83	83	0.00	0	0	0	0
2 1 2 2 3 2 1 1	1	83	83	0.00	0	0	0	0
2 3 2 1 5 3 1 1	1	83	83	0.00	0	0	0	0
4 3 2 1 3 3 2 3	1	83	83	0.00	0	0	1	1
1 1 1 1 2 3 2 1	2	41	82	0.00	0	0	0	0
2 1 2 2 3 2 3 4	1	80	80	0.00	0	0	0	0
1 1 2 1 4 1 2 3	1	80	80	0.00	0	0	0	0
1 5 2 3 4 1 3 4	1	80	80	0.00	0	0	0	0
4 6 1 3 3 3 2 1	1	80	80	0.00	0	0	0	0
2 3 3 3 3 3 2 3	1	80	80	0.00	0	1	0	1
1 3 2 3 3 2 2 2	1	80	80	0.00	0	0	0	0
3 6 2 1 3 3 2 1	1	79	79	0.00	0	0	0	0
1 6 4 3 4 3 1 1	1	79	79	0.00	0	0	0	0
2 2 4 2 3 3 3 4	1	78	78	0.00	0	0	0	0
6 (13) 1 3 2 3 2 3	1	78	78	0.00	0	0	0	0
1 3 1 3 3 3 2 1	1	77	77	0.00	0	0	0	0
3 6 2 2 4 3 1 2	1	77	77	0.00	0	0	0	0
1 7 2 2 1 3 1 3	1	77	77	0.00	0	0	0	0
2 3 2 3 1 3 1 1	1	76	76	0.00	0	0	0	0
2 7 1 2 3 3 1 3	1	76	76	0.00	0	0	0	0
3 3 4 1 3 3 3 4	1	76	76	0.00	0	0	0	0
1 5 2 3 3 2 2 3	1	74	74	0.00	0	0	0	0
2 3 3 2 3 2 1 3	1	74	74	0.00	0	0	0	0
1 7 2 3 2 3 1 3	1	74	74	0.00	0	0	0	0
2 7 4 3 3 3 1 3	1	74	74	0.00	0	0	0	0
4 3 1 1 4 3 2 3	1	74	74	0.00	0	0	0	0
3 5 4 2 4 3 1 3	1	73	73	0.00	0	0	0	0
4 3 2 1 4 3 1 2	1	73	73	0.00	0	0	0	0
2 6 3 1 2 3 1 3	1	73	73	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
1 1 4 1 2 3 2 3	1	73	73	0.00	0	0	0	0
2 3 4 3 5 3 1 3	1	71	71	0.00	0	0	0	0
1 7 3 1 1 2 1 3	1	71	71	0.00	0	0	0	0
2 3 2 2 1 2 1 3	1	71	71	0.00	0	0	0	0
1 5 2 2 4 2 2 2	1	70	70	0.00	0	0	0	0
2 7 2 3 3 3 3 4	1	70	70	0.00	0	0	0	0
1 6 4 1 2 3 2 1	1	70	70	0.00	0	0	0	0
2 3 2 1 4 3 1 2	1	70	70	0.00	0	0	0	0
3 7 2 2 3 2 1 2	1	69	69	0.00	0	0	0	0
2 6 2 1 4 3 2 2	1	69	69	0.00	0	0	0	0
3 3 2 1 2 3 2 2	1	69	69	0.00	0	0	0	0
1 7 4 1 4 2 2 3	1	69	69	0.00	0	0	0	0
3 5 4 2 4 3 2 2	1	68	68	0.00	0	0	0	0
1 1 1 2 2 3 1 3	1	68	68	0.00	0	0	0	0
2 5 1 2 4 3 3 4	1	67	67	0.00	0	0	0	0
1 7 2 3 1 3 1 1	1	66	66	0.00	0	0	0	0
3 2 3 1 2 3 2 1	1	66	66	0.00	0	0	0	0
1 1 2 1 3 2 1 1	1	66	66	0.00	0	0	0	0
1 6 4 2 5 3 1 1	1	66	66	0.00	0	0	0	0
4 7 1 2 4 3 3 4	1	65	65	0.00	0	0	0	0
1 7 3 3 4 3 1 2	1	65	65	0.00	0	0	0	0
2 7 4 2 4 3 2 3	1	64	64	0.00	0	0	0	0
2 1 4 3 2 3 2 1	1	64	64	0.00	0	0	0	0
5 (13) 2 2 2 3 1 3	1	64	64	0.00	0	0	0	0
1 3 2 2 1 2 1 3	1	63	63	0.00	0	0	0	0
1 3 2 2 3 3 3 4	1	62	62	0.00	0	0	0	0
1 7 3 1 1 2 2 3	1	62	62	0.00	0	0	0	0
1 1 3 3 3 3 2 1	1	62	62	0.00	0	0	0	0
4 7 2 2 3 3 2 1	1	61	61	0.00	0	0	0	0
1 1 1 1 4 2 2 3	1	61	61	0.00	0	0	0	0
3 6 3 3 4 3 1 2	1	61	61	0.00	0	0	0	0
1 7 3 1 4 3 2 1	1	60	60	0.00	0	0	0	0
2 1 1 3 3 3 1 3	1	60	60	0.00	0	0	0	0
1 2 1 1 4 3 2 3	1	60	60	0.00	0	0	0	0
1 5 2 3 4 3 3 4	1	59	59	0.00	0	0	0	0
1 1 1 1 3 2 1 2	1	59	59	0.00	0	0	0	0
3 6 1 3 3 3 2 2	1	59	59	0.00	0	0	0	0
4 7 1 1 3 3 2 3	1	59	59	0.00	0	0	0	0
2 3 1 2 4 3 3 4	1	59	59	0.00	0	0	0	0
2 3 1 2 5 3 3 4	1	59	59	0.00	0	0	0	0
3 2 4 2 3 2 2 2	1	58	58	0.00	0	0	0	0
2 7 4 1 3 2 1 3	1	58	58	0.00	0	0	0	0
3 2 4 3 1 3 2 3	1	58	58	0.00	0	0	0	0
3 7 2 2 2 3 1 3	1	57	57	0.00	0	0	0	0

Ohio Aquatic Gap Analysis—An Assessment of the Biodiversity and Conservation Status of Native Aquatic Animal Species —Appendix C. Stream Physical Habitat Types.

Physical habitat type	Number of segments	Average length (m)	Total length (m)	Percent of rivers	Fish sample = 1 (binary)	Crayfish sample = 1 (binary)	Bivalve sample = 1 (binary)	Sum taxa sampled
3 3 1 3 3 2 1 3	1	57	57	0.00	0	0	0	0
4 7 2 3 2 3 3 4	1	56	56	0.00	0	0	0	0
1 1 4 2 1 2 1 3	1	55	55	0.00	0	0	0	0
3 2 1 1 1 2 1 2	1	55	55	0.00	0	0	0	0
1 1 3 2 1 2 2 3	1	54	54	0.00	0	0	0	0
2 1 2 3 5 3 1 1	1	54	54	0.00	0	0	0	0
1 1 1 1 3 3 1 2	1	54	54	0.00	0	0	0	0
2 1 1 2 4 3 3 4	1	54	54	0.00	0	0	0	0
1 2 3 1 1 3 1 1	1	53	53	0.00	0	0	0	0
1 1 4 2 5 3 1 1	4	13	53	0.00	0	0	0	0
1 7 2 2 3 3 3 4	1	53	53	0.00	0	0	0	0
2 2 3 2 2 3 2 2	1	53	53	0.00	0	0	0	0
4 3 3 1 5 3 3 4	1	53	53	0.00	0	0	0	0
4 3 1 2 3 3 3 4	1	52	52	0.00	0	0	0	0
3 7 3 3 2 3 1 2	1	52	52	0.00	0	0	0	0
6 (12) 2 3 2 3 1 2	1	51	51	0.00	0	0	0	0
1 1 3 2 4 3 2 1	1	51	51	0.00	0	0	0	0
1 7 4 3 4 2 1 2	1	51	51	0.00	0	0	0	0
3 7 2 3 3 2 2 3	1	49	49	0.00	0	0	0	0
1 1 2 2 4 3 2 2	1	48	48	0.00	0	0	0	0
1 7 1 1 4 3 1 2	1	47	47	0.00	0	0	0	0
2 5 1 1 2 3 1 3	1	44	44	0.00	0	0	0	0
1 7 3 1 1 3 1 2	1	43	43	0.00	0	0	0	0
2 1 4 1 2 3 2 1	1	43	43	0.00	0	0	0	0
1 7 2 1 1 3 2 3	1	39	39	0.00	0	0	0	0
3 7 4 1 4 3 1 3	1	38	38	0.00	0	0	0	0
2 (12) 3 3 2 3 1 2	1	36	36	0.00	0	0	0	0
1 7 4 3 4 3 1 1	1	35	35	0.00	0	0	0	0
1 1 1 3 3 3 2 3	1	30	30	0.00	0	0	0	0
1 7 1 2 4 3 3 4	1	29	29	0.00	0	0	0	0
1 (13) 1 2 2 3 1 2	1	29	29	0.00	0	0	0	0
1 2 1 3 1 2 1 3	1	27	27	0.00	0	0	0	0
2 6 2 2 1 3 3 4	1	24	24	0.00	0	0	0	0
2 6 2 1 3 2 2 1	1	21	21	0.00	0	0	0	0
1 1 4 2 4 2 2 1	2	10	19	0.00	0	0	0	0
1 1 1 2 3 3 2 3	2	10	19	0.00	0	0	0	0
1 5 2 2 4 1 1 2	2	9	17	0.00	0	0	0	0
2 5 4 1 4 2 1 2	2	7	14	0.00	0	0	0	0
1 1 2 2 3 2 2 1	1	10	10	0.00	0	0	0	0
2 6 4 2 3 2 1 2	1	8	8	0.00	0	0	0	0
6 (13) 3 1 1 2 1 3	2	3	7	0.00	0	0	0	0
6 (13) 3 3 3 3 1 2	2	2	5	0.00	0	0	0	0