

TAXONOMICGROUP	SF_ID	EO_ID	ELCODE	SF_DEI_SNAME	COMMONNAME	SRAN	GRAN	EOI	SF_USESA	LASTOBS	PR	EO_TYPE	BCD	SENS	COUNTY	QUADS	LATITUDE	LONGITUDE	DIRECTIONS
Fishes	18153	13350	AFCCQ2662	074C	Etheostoma sagitta	51	G3	BC	S	2012	5			n	Whitley	Saxton	36.6456	-84.0472	Patterson Creek, Whitley Co. 925 m below Queener Hollow, 1.3 air km E of Polly Camp.
Freshwater Mussels	16534	12646	IMBV05030	001A	Lamprolaima sp.	53	G5	X	E	1911	-7			n	Bel	Pineville	36.7619	-83.6922	Cumberland River at Pineville.
Crustaceans	2015	3919	ICMAL07280	007A	Cambarus parvulus	52	G5	D	T	1998-08-21	M			n	Bel	Pineville, Middleboro North	36.7551	-83.7022	PINE MOUNTAIN STATE PARK ON EASTERN BOUNDARY JUST S OF LOOKOUT ROCK AND RADIO TOWER.
Fishes	7074	6014	AFCB31010	114A	Chrosomus cumberlandensis	52	G2	D	TL	1999-09-09	S			n	Bel	Frakes	36.6378	-83.9067	LAUREL FORK AT LAUREL FORK RD CROSSING CA 1.6 AIR KM ESE OF KY 190-LAUREL FORK RD JCT.
Breeding Birds	12607	2486	ABMCK12020	039A	Accipiter striatus	53B5	G5	E	LT	1990-06-27	G			n	Knox	Scalf	36.9375	-83.7186	Knoc Co portion of CW Block of quadrangle.
Freshwater Mussels	18552	13253	IMBV05030	031B	Anodontoides denigratus	51	G1	E	SOMC	2017-05-18	S			n	Whitley	Jellico East, Frakes	36.6036	-84.0448	Mud Creek, Whitley Co. approximately 600 m below Carpenter's Hollow (031A), ca 350 meters above Mud Creek - Lot Road Bridge (031C), ca 75 meters above Mud Creek - Lot Road Bridge (031C), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R
Freshwater Mussels	17321	13239	AFCCQ2662	064A	Etheostoma sagitta	53	G3	F	E	2013-01-08	S			n	Bel	Pineville	36.8348	-83.7021	Left Fork Moore Creek and Moore Creek above confluence with Moore Creek, on Left Fork Moore Creek just upstream of north UT (064A), ca 2.2 stream km
Fishes	17558	13387	AFCCQ2662	081C	Etheostoma sagitta	53	G3	F	S	2016-03-16	S			n	Bel	Pineville	36.7904	-83.7348	Fourmile Creek, along Fourmile Rd (KY 2014); ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fourmile (086A), ca 3 rd km (1.85 rd mi) on KY 2014 from jct with KY 2015 (086B), ca 0.5 km on KY 2014 from jct with KY 2015 near confluence
Fishes	17487	1941	AFCB31010	105D	Chrosomus cumberlandensis	52	G2	D	TL	2017-02-16	S			n	Bel	Pineville	36.8158	-83.7008	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn
Fishes	16409	3823	AFCB31010	094B	Chrosomus cumberlandensis	52	G2	BC	TL	2013-01-08	S			n	Knox	Pineville	36.8427	-83.7228	Left Fork Moore Creek and Moore Creek above their confluence. Left Fork Moore Creek ca 1.3 stream km upstream from Moore Creek confluence (094A), and line that includes segment of Left Fork Moore Creek from confluence with Moore Creek upstream 1.4 km and
Fishes	18605	9863	AFCCQ2240	044C	Etheostoma susanae	51	G1G2	E	LE	2015-10-27	S			n	Whitley	Eagan	36.5934	-83.9907	Laurel Fork, ca 100 stream meters downstream of second point at which Laurel Fork crosses the TN-KY state line (044A), ca 100-150 meters upstream of Granshire Creek, within Archer-Benge Nature Preserve (044B), and ca 700 meters upstream of first point at
Breeding Birds	16029	12646	ABPBX01030	018E	Vermivora chrysoptera	52B	G4	C	T	SOMC	2005	S		n	Bel	Frakes, Eagan	36.6293	-83.8845	Fondu study site, on NW-facing upper slope of Log Mountain above Laurel Fork, ca 2.0 air mi SE of Frakes (018A-018C) and ca 2.2 air mi ESE of Frakes (018B), and along ridge/line of Log Mountain above Laurel Fork, ca 2.5-2.6 air mi ESE of Frakes (018E-018G)
Breeding Birds	16033	12593	ABPBX01030	013C	Vermivora chrysoptera	52B	G4	C	SOMC	2005-06-07	S			n	Bel	Frakes, Ridge	36.6201	-83.8514	Tower study site; Log Mountain, Madsen Drive at tower 5 of KY 74, ca 7.5 air mi NW of Middleboro (013A-013D).
Vascular Plants	18997	10360	PMARAD0010	028B	Oreonium aquaticum	52	G5	C	T	2017-09-13	S			y					
Freshwater Mussels	16261	4822	IMBV05030	008A	Anodontoides denigratus	51	G1	X	E	SOMC	1949	G		n	Bel	Pineville	36.7619	-83.6922	Cumberland River at Pineville.
Vascular Plants	18994	10360	PMARAD0010	028B	Oreonium aquaticum	52	G5	C	T	2017-09-13	S			y					
Fishes	18429	13858	AFCCQ2662	123A	Etheostoma sagitta	53	G3	F	S	2010-08-03	S			n	Whitley	Eagan	36.5884	-83.9507	Buffalo Creek, at KY TN state line
Fishes	4880	1942	AFCB31010	095A	Chrosomus cumberlandensis	52	G2	BC	TL	2017-02-16	S			n	Knox	Pineville	36.8323	-83.7194	095A: Moore Creek, ca 0.2 stream km downstream from mouth of unnamed trib at Gambrel Hollow - 095B: Unnamed Tributary of Moore Creek along Moore Creek Rd, 830 m south of where Moore Creek splits into the UT and Left Fork Moore Creek
Fishes	6061	3823	AFCB31010	094A	Chrosomus cumberlandensis	52	G2	BC	TL	2013-01-08	S			n	Knox	Pineville	36.8453	-83.7152	Left Fork Moore Creek above their confluence. Left Fork Moore Creek ca 1.3 stream km upstream from Moore Creek confluence (094A), and line that includes segment of Left Fork Moore Creek from confluence with Moore Creek upstream 1.4 km and
Mammals	20309	15156	AMACC03020	163A	Perimyotis subflavus	54S5	G2G3	E	N	2011-06-27	S			n	Knox	Artemus	36.7840	-83.7991	Near Knox/Bell County Line, E of KY-225
Fishes	20485	15329	AFCB31010	306A	Chrosomus cumberlandensis	52	G2	E	TL	2017-02-16	S			n	Bel	Pineville	36.8215	-83.6980	Fourmile Creek, at where KY 2014 splits into Fourmile Left Fork Rd and Fourmile Right Fork Rd
Mammals	20084	14933	AMACC01150	178A	Myotis septentrionalis	53	G1G2	E	N	2012-06-06	S			n	Bel	Artemus	36.7659	-83.7892	Mist net placed approx 159 m E of White Church Right Fork Rd
Mammals	20296	15143	AMACC03020	150A	Perimyotis subflavus	54S5	G2G3	E	N	2012-06-06	S			n	Bel	Artemus	36.7659	-83.7892	E of Ebenezer Goodin Rd
Ecological Community	19325	14262	CPMHS00007	010A	Bottomland marsh	51S2	GNR	C	T	2016-07-08	S			n	Whitley	Frakes, Eagan	36.6249	-83.9567	Tiny B, ca 700 m from intersection HW 204
Freshwater Mussels	5499	8843	ABPBX01030	005A	Alismadelta atropurpurea	51	G1G2	X	E	1993-07-27	S			n	Whitley	Whitley	36.5955	-83.9919	LAUREL FORK, CA 0.3 STREAM KM UPSTREAM OF WESTERN-MOST CROSSING OF KY-TN STATE LINE; 21.1 AIR KM SE OF WILLIAMSBURG.
Breeding Birds	11102	8141	ABPAE33070	020B	Empidonax minimus	51B	G5	E	S	1989-06-07	S			n	Bel	Kajay	36.6685	-83.8672	Crux B, ca 0.5 (002A) and 0.3 (002B) mi W of Chenoa on N side of KY 190.
Vascular Plants	14078	3904	PDGLU03100	001A	Hypericum pseudomaculatum	5H	G57	H	H	1977-07-15	G			n	Bel, Whitley	Kajay, Frakes, Middleboro North, Pineville	36.7007	-83.7939	CLEAR CREEK.
Fishes	17514	13397	AFCCQ2662	096A	Etheostoma sagitta	53	G3	F	S	1986-09-10	S			n	Bel	Kajay, Middleboro North	36.6722	-83.7756	Little Clear Creek, Bell County; from confluence with Smith Branch upstream to Punchon Camp Hollow over 3 points.
Fishes	17538	13255	AFCCQ2662	067E	Etheostoma sagitta	53	G3	BC	S	2010-08-04	S			n	Whitley	Jellico East, Frakes	36.6195	-84.0418	Mud Creek, Whitley County; from below Charlie Branch to 1.19 km below Carpenter's Hollow tributary
Fishes	17545	13404	AFCCQ2662	102A	Etheostoma sagitta	53	G3	E	S	1993-10-15	S			n	Bel	Saxton	36.6280	-84.0636	Fourmile Creek, off jeep trail, ca 0.7 air km ESE of Mill 108B.
Fishes	17246	13298	AFCCQ2662	070A	Etheostoma sagitta	53	G3	S	S	2010-05-20	S			n	Knoc, Whitley	Frakes	36.7061	-83.8875	Harpes Creek, Knox Co. approximately 6.9 km NE of Siler, off Harpes Creek Rd.
Fishes	17486	1941	AFCB31010	105C	Chrosomus cumberlandensis	52	G2	D	TL	2017-02-16	S			n	Bel	Pineville	36.8043	-83.7162	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn
Fishes	4879	1941	AFCB31010	105A	Chrosomus cumberlandensis	52	G2	D	TL	2017-02-16	S			n	Bel	Pineville	36.8122	-83.7108	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn
Fishes	15102	12044	AFCB31010	227P	Chrosomus cumberlandensis	52	G2	CD	TL	2010-10-30	S			n	Bel	Kajay	36.6779	-83.783	Principal ED: Ben's Fork; from mouth to about 600 feet upstream
Vascular Plants	18998	10360	PMARAD0010	028B	Oreonium aquaticum	52	G5	C	T	2017-09-13	S			y					
Fishes	18953	9863	AFCCQ2240	044D	Etheostoma susanae	51	G1G2	E	LE	2015-10-27	S			n	Whitley	Eagan	36.6065	-83.9886	Laurel Fork, ca 100 stream meters downstream of second point at which Laurel Fork crosses the TN-KY state line (044A), ca 100-150 meters upstream of Granshire Creek, within Archer-Benge Nature Preserve (044B), and ca 700 meters upstream of first point at
Freshwater Mussels	18551	13916	IMBV05030	033A	Anodontoides denigratus	51	G1	E	SOMC	2013-07-28	S			n	Knoc	Pineville	36.8076	-83.7304	Mill Branch, ca 100 meters below Meadow Branch Road, off Mill Branch Road
Breeding Birds	16028	12646	ABPBX01030	018D	Vermivora chrysoptera	52B	G4	C	T	SOMC	2005	S		n	Knoc	Frakes, Eagan	36.6293	-83.8928	Fondu study site, on NW-facing upper slope of Log Mountain above Laurel Fork, ca 2.0 air mi SE of Frakes (018A-018C) and ca 2.2 air mi ESE of Frakes (018B), and along ridge/line of Log Mountain above Laurel Fork, ca 2.5-2.6 air mi ESE of Frakes (018E-018G)
Fishes	6355	4467	AFCB31010	112A	Chrosomus cumberlandensis	52	G2	D	TL	1999-11-29	S			n	Whitley	Jellico East	36.623	-84.0906	MUD CREEK OFF MUD CREEK RD, CA 2.5 AIR KM NE OF SULPHUR SPRING CHURCH.
Vascular Plants	18998	10360	PMARAD0010	028K	Oreonium aquaticum	52	G5	C	T	2017-09-13	S			y					
Vascular Plants	19056	14174	PDRO55000	001A	Amanellancher sanguinea	51	G5	E						n	Bel	Kajay	36.6903	-83.8566	
Breeding Birds	16434	12836	ABPBX01030	022C	Vermivora chrysoptera	52B	G4	C	SOMC	2009-06-02	S			n	Bel	Kajay	36.6646	-83.8108	Corrigan Mine on Log Mt., along ridge/line between Little Clear Creek and Hignite Creek (022A), on S-facing slope above Punchon Camp Hollow (022B), and along ridge/line NW of head of Little Clear Creek (022C).
Fishes	18916	13044	AFCCQ2662	001B	Etheostoma sagitta	53	G3	F	S	2015-10-15	S			n	Whitley	Eagan	36.6065	-83.9886	Laurel Fork, Whitley County; 3.18 km SW of Pearl (001A); Laurel Fork, off Moore Creek and Moore Creek above their confluence. Knox County, 3 km NW of hay Grove. Left Fork Moore Creek ca 0.75 stream km above confluence with Moore Creek, on Left Fork Moore Creek Road just upstream of north UT (064A); ca 0.2 stream km a
Fishes	18438	13862	AFCCQ2662	123C	Etheostoma sagitta	53	G3	F	S	2012-08-22	S			n	Whitley	Frakes	36.6817	-83.9226	Poplar Creek, off KY 92, ca 0.2 miles upstream of confluence with Limestone Branch.
Fishes	18150	5029	AFCB31010	088D	Chrosomus cumberlandensis	52	G2	BC	TL	2012	S			n	Whitley	Saxton	36.6526	-84.046	Patterson Creek ca 0.5 stream km upstream from Rose Creek, off Keswick-Gatiff Road.
Fishes	18416	13849	AFCB31010	263A	Chrosomus cumberlandensis	52	G2	E	TL	2010-05-20	S			n	Bel	Frakes	36.6985	-83.9069	Harpes Creek, along Harpes Creek Road, near Browns Cemetery, ca 0.5 stream km downstream from confluence with Evans Branch (ca 0.45 road km downstream from where Harpes Creek road crosses Evans Branch)
Fishes	15101	12043	AFCB31010	226A	Chrosomus cumberlandensis	52	G2	D	TL	2010-10-30	S			n	Bel	Kajay	36.6782	-83.7917	Ben's Fork, Bell County; approx 6000 ft above confluence
Fishes	17165	13239	AFCCQ2662	064B	Etheostoma sagitta	53	G3	E	S	2013-01-08	S			n	Bel	Pineville	36.8449	-83.7123	Left Fork Moore Creek and Moore Creek above their confluence. Knox County, 3 km NW of hay Grove. Left Fork Moore Creek ca 0.75 stream km above confluence with Moore Creek, on Left Fork Moore Creek Road just upstream of north UT (064A); ca 0.2 stream km a
Fishes	17557	13363	AFCB31010	296P	Chrosomus cumberlandensis	52	G2	BC	TL	2010-07-07	G			n	Knoc	Artemus, Pineville	36.8433	-83.7249	Principal EO: Moore Creek, Knox County; from mouth through upper tributaries (right and left forks)
Fishes	19815	13387	AFCCQ2662	086E	Etheostoma sagitta	53	G3	F	S	2010-07-16	S			n	Bel	Pineville	36.8026	-83.7163	Fourmile Creek, along Fourmile Rd (KY 2014); ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fourmile (086A), ca 3 rd km (1.85 rd mi) on KY 2014 from jct with KY 2015 (086B), ca 0.5 km on KY 2014 from jct with KY 2015 near confluence
Fishes	19824	1941	AFCB31010	105E	Chrosomus cumberlandensis	52	G2	D	TL	2017-02-16	S			n	Bel	Pineville	36.8168	-83.7004	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn
Fishes	19825	1941	AFCB31010	105E	Chrosomus cumberlandensis	52	G2	D	TL	2017-02-16	S			n	Bel	Pineville	36.8128	-83.7096	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn
Mammals	20094	14942	AMACC01150	185A	Myotis septentrionalis	53	G1G2	E	N	2013-09-28	S			n	Knoc	Kajay	36.7460	-83.8194	S of KY 225 and Brush Creek, near Knox/Bell County line
Fishes	19823	1941	AFCB31010	105H	Chrosomus cumberlandensis	52	G2	D	TL	2017-02-16	S			n	Bel	Pineville	36.8150		

Fishes	17080	13172	AFQCQ2662	003A	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	F	S	1970-04-21	S	n	Bell	Middlesboro North	36.7283	-83.7409	Clear Creek at KY 190, 5.5 mi SW of Pineville		
Fishes	17433	13356	AFCB31010	248P	Chrosomus cumberlandensis	Blackside Dace	52	G2	BC	T	LT	2019-09	S	n	Whitley	Saxton	36.6517	-84.0464	Principal EO; Patterson Creek, Whitley County; from Queener Hollow to confluence with Rose Creek	
Fishes	17192	13255	AFQCQ2662	067A	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	BC	S		2018-08-04	S	n	Whitley	Jellico East, Frakes	36.6318	-83.9939	Mud Creek, Whitley Co; from below Charlie Branch to 1.19 km below Carpenter's Hollow tributary	
Fishes	17125	13214	AFQCQ2662	045A	Etheostoma sagitta	Cumberland Arrow Darter	53	G2	F	T		2019-07-27	S	n	Whitley	Egan	36.5883	-83.9575	Buffalo Creek at KY771 line	
Fishes	1547	1809	AFCB31010	124A	Chrosomus cumberlandensis	Blackside Dace	52	G2	C	T	LT	2019-09-16	S	n	Whitley	Egan	36.5885	-83.9574	124A: Unnamed Tributary to Buffalo Creek at KY-TN state line.-br />124B: Unnamed Tributary of Buffalo Creek, along Buffalo Rd, 143 m above Kentucky/Tennessee border.	
Freshwater Mussels	17190	13253	IMBV05030	031A	Anodontoides denigratus	Cumberland Papershell	51	G1	E	S	OMC	2017-05-18	S	n	Whitley	Jellico East, Frakes	36.6318	-83.9939	Mud Creek, Whitley Co; approximately 600 m below Carpenter's Hollow (031A), ca 350 meters below Mud Creek- Lot Road Bridge (031B), ca 75 meters above Mud Creek - Lot Road Bridge (031C), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R	
Fishes	19821	1941	AFCB31010	105G	Chrosomus cumberlandensis	Blackside Dace	52	G2	D	T	LT	2017-02-16	S	n	Bell	Pineville	36.8101	-83.7141	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	19820	1941	AFCB31010	105F	Chrosomus cumberlandensis	Blackside Dace	52	G2	C	T	LT	2017-02-16	S	n	Bell	Pineville	36.8028	-83.7163	Fourmile Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fourmile (105A); along Fourmile Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fourmile (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	19725	1454	AFCB31010	300A	Chrosomus cumberlandensis	Blackside Dace	52	G2	E	T	LT	2019-09-16	S	n	Whitley	Egan	36.5931	-83.9566	Unnamed Tributary of Buffalo Creek along Buffalo Rd, 489 m above Kentucky/Tennessee border.	
Mammals	20047	14897	AMAC01150	146A	Myotis septentrionalis	Northern Long-Eared Bat	53	G1G2	E	E	LT	2012-07-19	S	n	Whitley	Saxton	36.7197	-84.0191	Mist net between Upper Mulberry Road and Possum Creek Road, 446 m North of Mulberry Creek	
Mammals	20080	14929	AMAC01150	174A	Myotis septentrionalis	Northern Long-Eared Bat	53	G1G2	E	E	LT	2011-06-28	S	n	Knox	Artemus	36.7788	-83.7983	Mist net placed Near Tinsley Br.	
Mammals	20081	14930	AMAC01150	175A	Myotis septentrionalis	Northern Long-Eared Bat	53	G1G2	E	E	LT	2011-07-05	S	n	Knox	Kajay	36.7452	-83.8199	Mist net placed SW of Tallow Branch-rd />	
Vascular Plants	20489	10360	PMARAD010	028E	Oreonium aquaticum	Golden Club	52	G5	C	T		2017-09-13	S	y						
Fishes	18152	13350	AFQCQ2662	074B	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	BC	S		2012	S	y	Whitley	Saxton	36.6478	-84.0478	Patterson Creek, Whitley Co; 925 m below Queener Hollow, 1.3 air km S of Polly Camp.	
Freshwater Mussels	18556	13917	IMBV05030	034A	Anodontoides denigratus	Cumberland Papershell	51	G1	E	E	S	OMC	2013-09-18	S	n	Whitley	Frakes	36.6807	-83.9588	Paplar Creek, just upstream of Seng Branch.
Freshwater Mussels	19272	13253	IMBV05030	031G	Anodontoides denigratus	Cumberland Papershell	51	G1	E	S	OMC	2017-05-18	S	n	Whitley	Jellico East, Frakes	36.6320	-83.9931	Mud Creek, Whitley Co; approximately 600 m below Carpenter's Hollow (031A), ca 350 meters below Mud Creek- Lot Road Bridge (031B), ca 75 meters above Mud Creek - Lot Road Bridge (031C), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R	
Breeding Birds	16432	12836	ABPBX01030	022A	Vermivora chrysoptera	Golden-winged Warbler	52B	G4	C	D	S	OMC	2009-06-02	S	n	Bell	Kajay	36.6553	-83.7914	along ridge/line between Little Clear Creek and Mignite Creek (022A), on S-facing slope above Punched Camp Hollow (022B), and along ridge/line NW of head of Little Clear Creek (022C).
Fishes	2463	6173	AFCB31010	034A	Chrosomus cumberlandensis	Blackside Dace	52	G2	X	T	LT	1984-11-09	S	n	Bell	Kajay	36.6443	-83.8103	Corrigan Mine on Log Mt., along ridge/line between Little Clear Creek and Mignite Creek (022A), on S-facing slope above Punched Camp Hollow (022B), and along ridge/line NW of head of Little Clear Creek (022C).	
Vascular Plants	4548	1261	PDFUM03080	019A	Corydalis sempervirens	Rock Harlequin	537	G5	C	S		1989-04	S	n	Bell, Whitley	Frakes	36.6456	-83.9564	PINE MOUNTAIN AT HENRY BOWLIN GAP, AT JCT OF 1595 AND WHITLEY/BELL CO LINE.	
Mammals	5762	3362	AMAC01100	069A	Myotis sodalis	Indiana Bat	51S2	G2	D	E	LE	1999-02	S	y	Hibernaculum					
Fishes	7596	6783	AFCB31010	093A	Chrosomus cumberlandensis	Blackside Dace	52	G2	D	T	LT	2010-05-20	S	n						
Breeding Birds	12543	7585	ABNSA01010	007A	Tyto alba	Barn Owl	53	G5	E	S		1985	G	n	Bell, Whitley	Frakes	36.6503	-83.9052	SE block of quad.	
Fishes	13305	10953	AFCB31010	165A	Chrosomus cumberlandensis	Blackside Dace	52	G2	C	T	LT	2009-11-25	S	n	Whitley	Saxton	36.6456	-84.0472	Patterson Creek ca 1 mi upstream from confluence with Rose Creek.	
Fishes	16718	5029	AFCB31010	088E	Chrosomus cumberlandensis	Blackside Dace	52	G2	B	T	LT	2012	S	n	Whitley	Saxton	36.6459	-84.0474	Patterson Creek ca 0.5 stream km upstream from Rose Creek, off Keswick-Gatiff Road.	
Mammals	18770	1387	AFCB31010	120B	Myotis septentrionalis	Cumberland Long-Eared Bat	53	G3	H	S		2019-06-15	S	n	Whitley	Frakes, Barbouville	36.7360	-83.7733	Ben's Fork, Whitley Co; from Catron Br, and ca 1.0 aerial mi SSE from intersection with Hubbs Cr Rd (120A), ca 4.2 aerial mi W of Ingram in upper reaches of Goldens Cr (120B), ca 0.5 aerial mi of 120B, ca 0.2 mi of Goldens Cr	
Freshwater Mussels	18561	13253	IMBV05030	031F	Anodontoides denigratus	Cumberland Papershell	51	G1	E	S	OMC	2017-05-18	S	n	Whitley	Jellico East, Frakes	36.5920	-83.9570	Mud Creek, Whitley Co; approximately 600 m below Carpenter's Hollow (031A), ca 350 meters below Mud Creek - Lot Road Bridge (031C), ca 75 meters above Mud Creek - Lot Road Bridge (031C), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R	
Fishes	17516	13397	AFQCQ2662	096C	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	H	S		1986-09-10	S	n	Bell	Kajay, Middlesboro North	36.7118	-83.7278	Little Clear Creek, Bell County; from confluence with Smith Branch upstream to Punched Camp Hollow over 3 points.	
Breeding Birds	16032	12593	ABPBX01030	013B	Vermivora chrysoptera	Golden-winged Warbler	52B	G4	CD	T	S	OMC	2005-06-07	S	n	Bell	Kajay, Fork Ridge	36.6211	-83.8509	Tower study site; Log Mountain, Maiden Ridge at tower S of KY 74, ca 7.5 air mi WNW of Middlesboro (013A-013D).
Vascular Plants	18990	10360	PMARAD010	028D	Oreonium aquaticum	Golden Club	52	G5	C	T		2017-09-13	S	y						
Vascular Plants	18991	10360	PMARAD010	028E	Oreonium aquaticum	Golden Club	52	G5	C	T		2017-09-13	S	y						
Fishes	18399	13387	AFQCQ2662	086D	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	F	S		2016-03-16	S	n	Bell	Pineville	36.8158	-83.7007	Fourmile Creek, along Fourmile Rd (KY 2014); ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fourmile (086A), ca 3 rd km (1.85 rd mi) on KY 2014 from jct with KY 2015 near confluenc	
Freshwater Mussels	14690	11735	IMBV02020	059A	Alismadonta atropurpurea	Cumberland Elktoe	51	G1G2	F	E	LE	1996-09-21	S	n	Whitley	Egan	36.5916	-83.993	Principal EO; Laurel Fork, Whitley Co; From state line to 1 km downstream.	
Fishes	17178	13248	AFQCQ2662	066A	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	C	S		2009-11-08	S	n	Bell	Kajay	36.6795	-83.7748	Ben's Fork, Bell County; 100-200 meters above mouth	
Fishes	17189	13397	AFCB31010	126B	Chrosomus cumberlandensis	Blackside Dace	52	G2	CD	T	LT	1999-06-15	S	n	Bell	Whitley	Frakes	36.6318	-83.9939	MUD CR OFF MUD CREEK RD, CA FROM 1 km TO 1.2 STREAM KM DOWNSTREAM FROM CARPENTER HOLLOW TRIBUTARY.
Mammals	20049	14899	AMAC01150	148A	Myotis septentrionalis	Northern Long-Eared Bat	53	G1G2	E	E	LT	2012-06-28	S	n	Bell	Kajay	36.7224	-83.8288	East of Knox County Line - @ 225	
Mammals	20297	15144	AMAC03020	151A	Perimyotis subflavus	Eastern Pipistrelle	54S5	G2G3	E	N		2012-06-07	S	n	Bell	Artemus	36.7660	-83.7890	E of Ebenezer Goodin Rd	
Fishes	14690	11735	AFCB31010	200P	Chrosomus cumberlandensis	Blackside Dace	52	G2	D	T	LT	2010-08-31	S	n	Bell	Pineville	36.8297	-83.6639	Principal EO; Caney Cr, in ca 0.5 km long stream section starting at confluence of Left and Right Fork of Caney Creek upstream in both forks.	
Snails	1727	2732	IMGA59320	005A	Fumoneka wetherbyi	Chilly Cowen	52	G2G3	H	S		1975-05-11	M	n	Bell, Whitley	Frakes	36.6673	-83.8208	CIRCA 3.5 MI SE OF SILLER.	
Freshwater Mussels	4148	371	IMBV05030	047A	Alismadonta atropurpurea	Cumberland Elktoe	51	G1G2	X	E	LE	1993-07-27	S	n	Whitley	Egan	36.5917	-83.9214	LAUREL FORK, CA 0.4 STREAM KM UPSTREAM OF WESTERN-MOST CROSSING OF KY-TN STATE LINE; 21.4 AIR KM SE OF WILLIAMSBURG.	
Fishes	6610	5029	AFCB31010	088A	Chrosomus cumberlandensis	Blackside Dace	52	G2	B	T	LT	2012	S	n	Whitley	Saxton	36.6547	-84.0455	Patterson Creek ca 0.5 stream km upstream from Rose Creek, off Keswick-Gatiff Road.	
Vascular Plants	5838	10360	PMARAD010	028A	Oreonium aquaticum	Golden Club	52	G5	C	T		2017-09-13	S	y						
Fishes	18571	9863	AFQCQ2240	044B	Etheostoma susanae	Cumberland Darter	51	G1G2	E	LE		2015-10-10	S	n	Whitley	Egan	36.6025	-83.9978	Laurel Fork, ca 100 stream meters downstream of second point at which Laurel Fork crosses the TN-KY state line (044A), ca 100-150 meters upstream of Granshire Creek, within Archer-Benge Nature Preserve (044B), and ca 700 meters upstream of first point at	
Freshwater Mussels	18553	13253	IMBV05030	031C	Anodontoides denigratus	Cumberland Papershell	51	G1	E	S	OMC	2017-05-18	S	n	Whitley	Jellico East, Frakes	36.6022	-84.0419	Mud Creek, Whitley Co; approximately 600 m below Carpenter's Hollow (031A), ca 350 meters below Mud Creek- Lot Road Bridge (031B), ca 75 meters above Mud Creek - Lot Road Bridge (031C), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R	
Fishes	14948	11922	AFCB31010	23A	Chrosomus cumberlandensis	Blackside Dace	52	G2	C	T	LT	2007-02-24	S	n	Whitley	Frakes	36.6798	-83.9627	Seng Branch, Whitley Co. 1.01 m SE of Sillar.	
Mammals	14954	11926	AMAC01040	114A	Myotis grisescens	Gray Myotis	52	G4	E	T	LE	2002-08-13	S	n	Bell	Varilla	36.7442	-83.6101	Cumberland River (CRM 663.7), ca 0.6 mi NE of Varilla.	
Fishes	17512	13239	AFQCQ2662	064C	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	C	S		2013-01-08	S	n	Knox	Pineville	36.8454	-83.7106	Left Fork Moore Creek and Moore Creek above their confluence, Knox County, 3 km NW of Ivy Grove. Left Fork Moore Creek: ca 0.75 stream km above confluence with Moore Creek, on Left Fork Moore Creek Road just upstream of north UT (064A); ca 0.2 stream km a	
Fishes	17401	13387	AFQCQ2662	086B	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	F	S		2016-03-16	S	n	Bell	Pineville	36.8043	-83.7162	Fourmile Creek, along Fourmile Rd (KY 2014); ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fourmile (086A), ca 3 rd km (1.85 rd mi) on KY 2014 from jct with KY 2015 near confluenc	
Fishes	18952	9863	AFQCQ2240	044E	Etheostoma susanae	Cumberland Darter	51	G1G2	X	E	LE	2015-10-15	S	n	Whitley	Egan	36.6105	-83.8882	Laurel Fork, ca 100 stream meters downstream of second point at which Laurel Fork crosses the TN-KY state line (044A), ca 100-150 meters upstream of Granshire Creek, within Archer-Benge Nature Preserve (044B), and ca 700 meters upstream of first point at	
Breeding Birds	16026	12646	ABPBX01030	018B	Vermivora chrysoptera	Golden-winged Warbler	52B	G4	CD	T	S	OMC	2005	S	n	Bell	Frakes, Egan	36.6252	-83.9582	Fondee study site, on NW-facing upper slope of Log Mountain above Laurel Fork, ca 2.0 air mi SE of Frakes (018B-018C) and ca 2.2 air mi ESE of Frakes (018B), and along ridge/line of Log Mountain above Laurel Fork, ca 2.5-2.6 air mi ESE of Frakes (018B-018C)
Mammals	18667	13963	AFCB31010	120A	Myotis septentrionalis	Northern Long-Eared Bat	53	G1G2	E	E	LT	2011-07-26	S	n	Knox	Kajay, Frakes, Barbouville	36.7644	-83.8827	in unnamed NE facing ravine to Catron Br, 0.4 mi from Catron Br, and ca 1.0 aerial mi SSE from intersection with Hubbs Cr Rd (120A), Ca 4.2 aerial mi W of Ingram in upper reaches of Goldens Cr (120B), ca 0.5 aerial mi of 120B, ca 0.2 mi of Goldens Cr	
Fishes	16304	12785	AFCB31010	238A	Chrosomus cumberlandensis	Blackside Dace	52	G2	B	T	LT	2006-11-09	S	n	Whitley	Jellico East	36.6167	-84.0192	Mud Creek, ca 0.9 road mi upstream from Sulphur Spring Church.	
Vascular Plants	18989	10360	PMARAD010	028C	Oreonium aquaticum	Golden Club	52	G5	C	T		2017-09-13	S	y						
Mammals	20050	14900	AMAC01150	150E	Myotis septentrionalis	Northern Long-Eared Bat	53	G1G2	E	E	LT	2012-06-28	S	n	Bell	Kajay	36.7282	-83.8212	Approx 355 m NE of OakField Branch, 943 m away from Knox/Bell County line	
Fishes	20484	15328	AFQCQ2662	150A	Etheostoma sagitta	Cumberland Arrow Darter	53	G3	E	S		2017-02-02	S	n	Bell	Pineville	36.7966	-83.7180	Fourmile Creek, between KY-2014 and Lewis Mine Rd	
Fishes	20486	1941	AFCB31010	105K	Chrosomus cumberlandensis	Blackside Dace	52	G2	D	T	LT	2017-02-16	S	n	Bell	Pineville	36.7990	-83.7218	Fourmile Creek off KY 2014; ca 1.4	