

TAXONOMICGROUP	SF_ID	EO_ID	ELCODE	SF_DEI	SNAME	COMMONNAME	SRAN	GRAM	EOI	SF	USESA	LASTOBS	PR	EO_TYPE	BCD	SENS	COUNTY	QUADS	LATITUDE	LONGITUDE	DIRECTIONS	
Fishes	18153	13350	AFCCQ02662	074C	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	BC	S		2012				n	Whitley	Saxton	36.6456	-84.0472	Patterson Creek, Whitley Co. 925 m below Quener Hollow, 1.3 air km S of Polly Camp.	
Freshwater Mussels	16534	15540	IMBIV01130	050A	Lamproloma sp.	Pocketbook	S1	G3	X	E		1911-				n	Bel	Pineville	36.7619	-83.6922	Cumberland River at Pineville.	
Crustaceans	2015	3939	ICMAL07200	070A	Cambarus parvoculus	Mountain Midgert Crayfish	S2	G5	D			1998-08-21	M			n	Bel	Pineville, Middleboro North	36.7531	-83.7022	PINE MOUNTAIN STATE PARK ON EASTERN BOUNDARY JUST S OF LOOKOUT ROCK AND RADIO TOWER.	
Fishes	7074	6014	AFCB031010	114A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	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	ABMCI02010	039A	Accipiter striatus	Sharp-shinned Hawk	S3B-S	G5	E	S		1990-06-27	G			n	Knox	Scalf	36.9375	-83.7186	Knox Co portion of CW Block of quadrangle.	
Freshwater Mussels	18552	13253	IMBIV05030	031B	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	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 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	17123	13239	AFCCQ02662	064A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	C	S		2013-01-08	S			n	Bel	Pineville	36.8348	-83.7021	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	17656	13387	AFCCQ02662	081B	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S		2016-03-16	S			n	Bel	Pineville	36.7904	-83.7282	Fournille Creek, off Fournille Rd (KY 2014); ca 2.3 rd km (1.45 mi) on KY 2014 from intersection with KY 2015 at Fournille (086A), ca 3 rd km (1.85 rd mi) on KY 2014 from jct with KY 2015 near confluenc	
Fishes	17487	1941	AFCB031010	109D	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S			n	Bel	Pineville	36.8158	-83.7008	Fournille Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	16409	3823	AFCB031010	094B	Chrosomus cumberlandensis	Blackside Dace	S2	G2	BC	T	LT	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	AFCCQ022040	044C	Etheostoma susanae	Golden-winged Warbler	S1	G1G2	E	E	LE	2015-10-15	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	ABFBX03030	018E	Vermivora chrysopetra	Golden-winged Warbler	S2B	G4	C	T	SOMC	2005	S			n	Bel	Frakes, Eagan	36.6293	-83.8845	Fonde 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 ridgeline of Log Mountain above Laurel Fork, ca 2.5-2.6 air mi ESE of Frakes (018E-018G)	
Breeding Birds	16033	12593	ABFBX03030	018J	Vermivora chrysopetra	Golden-winged Warbler	S2B	G4	C	T	SOMC	2005-06-07	S			n	Bel	Frakes, Fork Ridge	36.6201	-83.8514	Tower study site; Log Mountain, Maiden Ridge at tower S of KY 74, ca 7.5 air mi WNW of Middleboro (031A-0130).	
Vascular Plants	18997	10360	PMARA00010	028K	Onorontium aquaticum	Golden Club	S2	G5	C	T		2017-09-13	S			y						
Freshwater Mussels	16261	4822	IMBIV05030	008A	Anodontoides denigratus	Cumberland Papershell	S1	G1	X	E	SOMC	1949	G			n	Bel	Pineville	36.7619	-83.6922	Cumberland River at Pineville.	
Vascular Plants	18994	10360	PMARA00010	028H	Onorontium aquaticum	Golden Club	S2	G5	C	T		2017-09-13	S			y						
Fishes	18429	13858	AFCCQ02662	123A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S		2010-08-03	S			n	Whitley	Eagan	36.5884	-83.9507	Buffalo Creek, at KY-TN state line	
Fishes	4880	1942	AFCB031010	095A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	BC	T	LT	2012-01-06	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	AFCB031010	094A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	BC	T	LT	2013-01-08	S			n	Knox	Pineville	36.8453	-83.7152	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	
Mammals	20309	15156	AMACC03020	163A	Perimyotis subflavus	Eastern Pipistrelle	S4S5	G2G3	E	N		2013-06-27	S			n	Knox	Artemus	36.7840	-83.7991	Near Knox/Bell County Line, E of KY-225	
Fishes	20485	15329	AFCB031010	306A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	E	T	LT	2017-02-16	S			n	Bel	Pineville	36.8215	-83.6980	Fournille Creek, at where KY 2014 splits into Fournille Left Fork Rd and Fournille Right Fork Rd	
Mammals	20084	14933	AMACC01150	178A	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1G2	E	E	LT	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	Eastern Pipistrelle	S4S5	G2G3	E	N		2012-06-06	S			n	Bel	Artemus	36.7659	-83.7892	E of Ebaneizer Goodin Rd	
Ecological Community	11905	14262	CPMHS00007	010A	Bottomland marsh	Cumberland Elbow	S1S2	GNR	C	T		2016-07-08	S			n	Whitley	Frakes, Eagan	36.6249	-83.9567	Tiny Br., ca 700 m from intersection HW 204.	
Freshwater Mussels	1499	9863	AFCCQ02662	064B	Alasmidonta atopurpurea	Cumberland Elbow	S1	G1G2	X	E	LE	1993-07-27	S			n	Whitley	Frakes, Eagan	36.595	-83.9919	LAUREL FORK, CA 0.9 STREAM KM UPSTREAM OF WESTERN-MOST CROSSING OF KY-TN STATE LINE; 21.1 AIR KM SE OF WILLIAMSBURG.	
Breeding Birds	11302	4811	ABPAE30370	002B	Empidonax minimus	Least Flycatcher	S1B	G5	E			1989-06-06	S			n	Bel	Kajay	36.6685	-83.8672	Circa 0.5 (002A) and 0.3 (002B) mi W of Chemoa on N side of KY 190.	
Vascular Plants	14078	3904	PDGLU03100	001A	Hypericum pseudomaculatum	Large Spotted St. John's-wort	SH	G57	H	H		1997-07-15	G			n	Bel, Whitley	Kajay, Frakes, Middleboro North, Pineville	36.7007	-83.7939	CLEAR CREEK.	
Fishes	17514	13397	AFCCQ02662	096A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	H	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 Pounceon Camp Hollow over 3 points.	
Fishes	17758	13255	AFCCQ02662	067E	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	BC	S		2019-08-04	S			n	Whitley	Jellico East, Frakes	36.6195	-84.0148	Mud Creek, Whitley County; from below Charlie Branch to 1.19 km below Carpenter's Hollow tributary	
Fishes	17545	13404	AFCCQ02662	102A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	E	S		1993-10-15	S			n	Saxton		36.6280	-84.0356	Saxton, off jeep trail, ca 0.7 air km ESE of Mill 108B.	
Fishes	17236	13255	AFCCQ02662	070A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	D	S		2010-05-20	S			n	Knox, Whitley	Frakes	36.7061	-83.8875	Harpes Creek, Knox Co. approximately 6.5 km NE of Siler, off Harpes Creek Rd.	
Fishes	17486	1941	AFCB031010	105C	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S			n	Bel	Pineville	36.8043	-83.7162	Fournille Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	4879	1941	AFCB031010	105A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S			n	Bel	Pineville	36.8122	-83.7018	Fournille Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	15102	12044	AFCB031010	227P	Chrosomus cumberlandensis	Blackside Dace	S2	G2	CD	T		2005-10-30	S			n	Bel	Kajay	36.6779	-83.783	Principal ED: Ben's Fork; from mouth to about 6000 feet upstream	
Vascular Plants	18998	10360	PMARA00010	028B	Onorontium aquaticum	Golden Club	S2	G5	C	T		2017-09-13	S			y						
Fishes	18953	9863	AFCCQ022040	044D	Etheostoma susanae	Cumberland Darter	S1	G1G2	E	E	LE	2015-10-15	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	IMBIV05030	031B	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	E	SOMC	2013-07-28	S			n	Knox	Pineville	36.8706	-83.7304	Mill Branch, ca 100 meters below Meadow Branch Road, off Mill Branch Road.	
Breeding Birds	16028	12646	ABFBX03030	018D	Vermivora chrysopetra	Golden-winged Warbler	S2B	G4	C	T	SOMC	2005	S			n	Bel	Frakes, Eagan	36.6293	-83.8928	Fonde 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 ridgeline of Log Mountain above Laurel Fork, ca 2.5-2.6 air mi ESE of Frakes (018E-018G)	
Fishes	6355	4467	AFCB031010	112A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T		1999-11-29	S			n	Whitley	Jellico East	36.623	-84.0096	MUD CREEK OFF MUD CREEK RD, CA 2.5 AIR KM NE OF SULPHUR SPRING CHURCH.	
Vascular Plants	18998	10360	PMARA00010	028K	Onorontium aquaticum	Golden Club	S2	G5	C	T		2017-09-13	S			y						
Vascular Plants	19056	14174	PDROS05000	001A	Amelanchier sanguinea	Roundleaf Serviceberry	S1	G5	E							n	Bel	Kajay	36.6903	-83.8566		
Breeding Birds	18434	12836	ABFBX03030	022C	Vermivora chrysopetra	Golden-winged Warbler	S2B	G4	C	T	SOMC	2009-06-02	S			n	Bel	Kajay	36.6646	-83.8108	Corrigan Mine on Log Mt., along ridgeline between Little Clear Creek and Hignite Creek (022A), on S-facing slope above Pounceon Camp Hollow (022B), and along ridgeline NW of head of Little Clear Creek (022C).	
Fishes	18906	13004	AFCCQ02662	001B	Chrosomus sagitta	Cumberland Arrow Darter	S3	G3	F	S		2015-10-15	S			n	Whitley	Eagan	36.6065	-83.9886	Laurel Fork, Whitley County; 3.16 air SW of Pearl (091A); Laurel Fork at Archer-Benge State Nature Preserve 1.4 river miles upstream of Granshire Creek (001B)	
Fishes	18438	13862	AFCCQ02662	067A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	E	S		2012-08-21	S			n	Whitley	Frakes	36.6817	-83.9226	Poplar Creek, off KY 92, ca 0.6 miles upstream of confluence with Limestone Branch.	
Fishes	18150	5029	AFCB031010	088D	Chrosomus cumberlandensis	Blackside Dace	S2	G2	BC	T	LT	2012	S			n	Whitley	Saxton	36.6526	-84.046	Patterson Creek ca 0.5 stream km upstream from Rose Creek, off Kewick-Gatiff Road.	
Fishes	18416	13849	AFCB031010	263A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	E	T	LT	2010-05-20	S			n	Whitley	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	AFCB031010	226A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2005-10-30	S			n	Bel	Kajay	36.6782	-83.7917	Ben's Fork, Bell County; approx 6000 ft above confluence	
Fishes	17165	13239	AFCCQ02662	064B	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	E	S		2013-01-08	S			n	Bel	Pineville	36.8428	-83.7123	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	17557	13363	AFCB031010	249P	Chrosomus cumberlandensis	Blackside Dace	S2	G2	BC	T	LT	2010-07-07	G			n	Knox	Artemus, Pineville	36.8433	-83.7219	Fournille Creek, off Fournille Rd (KY 2014); ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fournille (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 confluenc	
Fishes	19815	13387	AFCCQ02662	086E	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S		2016-03-16	S			n	Bel	Pineville	36.8026	-83.7163	Fournille Creek, off Fournille Rd (KY 2014); ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fournille (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 confluenc	
Fishes	19824	1941	AFCB031010	105I	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S			n	Bel	Pineville	36.8158	-83.7008	Fournille Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	19825	1941	AFCB031010	105J	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S			n	Bel	Pineville	36.8122	-83.7096	Fournille Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Mammals	20094	14942	AMACC01150	185A	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1G2	E	E	LT	2013-09-28	S			n	Knox	Kajay	36.7460	-83.8194	S of KY 225 and Brush Creek, near Knox/Bell County line	
Fishes	19823	1941	AFCB031010	105H	Chrosomus cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S			n	Bel	Pineville	36.8150	-83.7024	Fournille Creek off KY 2014; ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	19816	14678	AFCB031010	302A	Chrosomus cumberlandensis	Blackside Dace	S2	G2	E	T	LT	2017-02-13	S			n	Bel	Pineville	36.8208	-83.7153	Fournille Creek along KY-2014	
Mammals	20440	15287	AMACC01010	069A																		

Fishes	17080	13172	AFQCQ2662	003A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S	1970-04-21	S	n	Bel	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	S2	G2	BC	T	LT	2019-09	S	n	Whitley	Saxton	36.6517	-84.0464	Principal EO: Patterson Creek, Whitley County: from Queenser Hollow to confluence with Rose Creek	
Fishes	17192	13255	AFQCQ2662	067A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	BC	S	2010-08-04	S	n	Bel	Jellico East, Frakes	36.6314	-83.9939	Mud Creek, Whitley County: from below Charlie Branch to 1.19 km below Carpenter's Hollow tributary		
Fishes	17425	13214	AFQCQ2662	053A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S	1993-07-27	S	n	Whitley	Eagan	36.5883	-83.9575	Buffalo Creek at KY/Tn line		
Fishes	1547	1809	AFCB31010	124A	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	C	T	2015-09-16	S	n	Whitley	Eagan	36.5885	-83.9574	124A: Unnamed Tributary to Buffalo Creek at KY-TN state line - 124B: Unnamed Tributary of Buffalo Creek, along Buffalo Rd, 143 m above Kentucky/Tennessee border.		
Freshwater Mussels	17190	13253	IMBIV05030	031A	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	S	SOMC	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 (031C), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R	
Fishes	19821	1941	AFCB31010	105G	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S	n	Bel	Pineville	36.8101	-83.7141	Fournille Creek off KY 2014 at ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	19820	1941	AFCB31010	105F	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	C	T	LT	2017-02-16	S	n	Bel	Pineville	36.8028	-83.7163	Fournille Creek off KY 2014 at ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	19725	14599	AFCB31010	300G	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	E	T	LT	2015-09-16	S	n	Whitley	Eagan	36.5931	-83.9656	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	S3	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	S3	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	S3	G1G2	E	E	LT	2017-07-05	S	n	Knox	Kajay	36.7452	-83.8199	Mist net placed SW of Tallow Branch-rd />	
Vascular Plants	20489	10360	PMARA00010	028F	Oreontium aquaticum	Golden Club	S2	G5	C	T	2017-09-13	S	Y	n	Bel	Kajay				
Fishes	18152	13150	AFQCQ2662	024B	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	BC	S	2012	S	n	Whitley	Saxton	36.6478	-84.0478	Patterson Creek, Whitley Co: 925 m below Queenser Hollow, 1.3 air km S of Polly Camp.		
Freshwater Mussels	18556	13917	IMBIV05030	034A	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	E	SOMC	2013-09-18	S	n	Whitley	Frakes	36.6807	-83.9588	Poplar Creek, just upstream of Senf Branch.	
Freshwater Mussels	19272	13253	IMBIV05030	031G	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	S	SOMC	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	16433	12836	ABPBX01030	022B	Vermivora chrysoptera	Golden-winged Warbler	S2B	G4	C	T	SOMC	2009-06-02	S	n	Bel	Kajay	36.6593	-83.7914	Mist net between Little Clear Creek and Hignite Creek (022A), on S-facing slope above Punchen Camp Hollow (022B), and along ridge line NW of head of Little Clear Creek (022C).	
Fishes	2463	6173	AFCB31010	034A	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	X	T	LT	1984-11-09	S	n	Bel	Kajay	36.6443	-83.8103	Corrigan Mine on Log Mt., along ridge line between Little Clear Creek and Hignite Creek (022A), on S-facing slope above Punchen Camp Hollow (022B), and along ridge line NW of head of Little Clear Creek (022C).	
Vascular Plants	4548	1261	PDFUM03080	016A	Corydalis sempervirens	Rock Harlequin	S37	G5	C	S	1989-04	S	n	Bel	Whitley	Frakes	36.6566	-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	S1S2	G2	D	E	LE	1995-02	S	Y	n	Knox	Frakes	36.7403	-83.9158	Little Poplar Creek, Knox Co: at confluence with East Ridge Branch and upstream reach.
Fishes	7596	6783	AFCB31010	093A	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2010-05-20	S	n	Bel	Kajay	36.6503	-83.9052	SE block of quad.	
Breeding Birds	12543	7585	ABNSA01010	607A	Tyto alba	Barn Owl	S3	G5	E	S	1985	G	n	Bel	Whitley	Frakes	36.6506	-84.0472	Patterson Creek at 1 mi upstream from confluence with Rose Creek.	
Fishes	13305	10953	AFCB31010	165A	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	C	T	LT	2009-11-25	S	n	Whitley	Saxton	36.6459	-84.0474	Patterson Creek at 0.5 stream km upstream from Rose Creek, off Keswick-Gatiff Road.	
Fishes	18718	5029	AFCB31010	088B	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	B	T	LT	2012	S	n	Whitley	Saxton	36.6499	-84.0474	Patterson Creek off KY 2014 at ca 0.5 stream km upstream from Rose Creek, off Keswick-Gatiff Road.	
Mammals	18710	5043	AMAC01150	120B	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1	E	S	SOMC	2017-05-18	S	n	Whitley	Frakes, Barbouville	36.7360	-83.7731	In Kajay, Frakes, Barbouville	
Fishes	16561	13253	IMBIV05030	031E	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	S	SOMC	2017-05-18	S	n	Whitley	Jellico East, Frakes	36.5920	-84.0715	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	17516	13397	AFQCQ2662	096C	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	H	S	1986-09-10	S	n	Bel	Kajay, Middlesboro North	36.7111	-83.7278	Little Clear Creek, Bell County: from confluence with Smith Branch upstream to Punchen Camp Hollow over 3 points.		
Breeding Birds	16032	12593	ABPBX01030	013B	Vermivora chrysoptera	Golden-winged Warbler	S2B	G4	CD	T	SOMC	2005-06-07	S	n	Bel	Kajay, Fork Ridge	36.6218	-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	PMARA00010	028D	Oreontium aquaticum	Golden Club	S2	G5	C	T	2017-09-13	S	Y	n	Bel	Kajay				
Vascular Plants	18991	10360	PMARA00010	028E	Oreontium aquaticum	Golden Club	S2	G5	C	T	2017-09-13	S	Y	n	Bel	Kajay				
Fishes	18990	13387	AFQCQ2662	086D	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S	2016-03-16	S	n	Bel	Pineville					
Freshwater Mussels	14690	11735	IMBIV02020	059A	Alasmodonta atropurpurea	Cumberland Elktoe	S1	G1G2	F	E	LE	1996-09-21	S	n	Whitley	Eagan	36.8158	-83.7007	Fournille Creek, along Fournille Rd (KY 2014): ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fournille (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 confluenc	
Fishes	17178	13248	AFQCQ2662	066A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	C	S	2009-11-08	S	n	Bel	Kajay	36.5916	-83.993	Principal EO: Laurel Fork, Whitley Co: From state line to 1 km downstream.		
Fishes	17189	1337	AFCB31010	126B	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	CD	T	LT	1999-06-15	S	n	Whitley	Frakes	36.6785	-83.7748	Ben's Fork, Bell County: 100-200 meters above mouth	
Mammals	20049	14899	AMAC01150	148A	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1G2	E	E	LT	2012-06-28	S	n	Bel	Kajay	36.6673	-83.9939	Mud CR OFF MUD CREEK RD, ca from 1 km to 1.2 STREAM KM DOWNSTREAM FROM CARPENTER HOLLOW TRIBUTARY.	
Mammals	20297	15144	AMAC03020	151A	Perimyotis subflavus	Eastern Pipistrelle	S4S5	G2G3	E	N	2012-06-07	S	n	Bel	Artemus	36.7224	-83.8288	East of Knox County Line @ 225		
Fishes	17458	11775	AFCB31010	200P	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2010-08-31	S	n	Bel	Pineville	36.7660	-83.7890	E of Ebaneizer Goodin Rd	
Snails	1727	2732	IMGAS55380	005A	Fumonis wetherbyi	Cliffy Coven	S2	G2G3	H	S	1975-05-11	M	n	Bel	Whitley	Frakes	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.	
Freshwater Mussels	4148	371	IMBIV02020	047A	Alasmodonta atropurpurea	Cumberland Elktoe	S1	G1G2	X	E	LE	1993-07-27	S	n	Whitley	Eagan	36.6593	-83.9158	LAUREL CREEK, CA 0.4 STREAM KM DOWNSTREAM 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	S2	G2	B	T	LT	2012	S	n	Whitley	Saxton	36.6547	-84.0455	Patterson Creek at 0.5 stream km upstream from Rose Creek, off Keswick-Gatiff Road.	
Vascular Plants	5838	10360	PMARA00010	028A	Oreontium aquaticum	Golden Club	S2	G5	C	T	2017-09-13	S	Y	n	Whitley	Eagan	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	
Fishes	18571	9863	AFQCQ2D40	044A	Etheostoma susanae	Cumberland Darter	S1	G1G2	E	E	LE	2015-10-10	S	n	Whitley	Eagan	36.6028	-84.0419	Laurel Fork, Whitley Co: approximately 600 m below Carpenter's Hollow (031A), ca 350 meters below Mud Creek- Lot Road Bridge (031B), ca 3.5 air km below Carpenter Hollow confluence, off Mud Creek - Lot R	
Freshwater Mussels	18553	13253	IMBIV05030	031C	Anodontoides denigratus	Cumberland Papershell	S1	G1	E	S	SOMC	2017-05-18	S	n	Whitley	Frakes	36.6798	-83.9627	Senf Branch, Whitley Co: 1.01 m SE of silo.	
Fishes	14948	11922	AFCB31010	223A	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	C	T	LT	2017-02-24	S	n	Bel	Varilla	36.7442	-83.6101	Cumberland River (CRM 663.7), ca 0.6 mi NE of Varilla.	
Mammals	14954	11926	AMAC01040	114A	Myotis grisescens	Gray Myotis	S2	G4	E	T	LE	2002-08-13	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	17512	13239	AFQCQ2662	064C	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	C	S	2013-01-08	S	n	Bel	Pineville	36.8043	-83.7892	Left Fork Moore Creek along KY-2014 at ca 2.3 rd km (1.45 rd mi) on KY 2014 from intersection with KY 2015 at Fournille (086A), ca 3 rd km (1.85 rd mi) on KY 2014 from jct with KY 2015 near confluenc		
Fishes	17491	13387	AFQCQ2662	086B	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S	2016-03-16	S	n	Bel	Frakes	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 upstrea		
Fishes	18952	9863	AFQCQ2D40	044E	Etheostoma susanae	Cumberland Darter	S1	G1G2	E	E	LE	2015-10-15	S	n	Whitley	Eagan	36.6028	-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 upstrea	
Breeding Birds	16026	12646	ABPBX01030	018B	Vermivora chrysoptera	Golden-winged Warbler	S2B	G4	CD	T	SOMC	2005-06-07	S	n	Bel	Frakes, Eagan	36.6292	-83.8692	Fonde 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 (018D), and along ridge line of Log Mountain above Laurel Fork, ca 2.5-2.6 air mi ESE of Frakes (018E-018G)	
Mammals	18667	13963	AMAC01150	120A	Myotis septentrionalis	Northern Long-Eared Bat	S3	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 Golden Cr (120B). Ca 0.5 aerial mi S of 120B, ca 0.2 mi E of Golden Cr	
Fishes	16304	13075	AFCB31010	238A	Chrosomus Cumberlandensis	Blackside Dace	S2	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	PMARA00010	028C	Oreontium aquaticum	Golden Club	S2	G5	C	T	2017-09-13	S	Y	n	Bel	Kajay				
Mammals	20050	14900	AMAC01150	150A	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1G2	E	E	LT	2012-06-28	S	n	Bel	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	S3	G3	E	S	2017-02-02	S	n	Bel	Pineville	36.7966	-83.7180	Fournille Creek, between KY-2014 and Lewis Mine Rd		
Fishes	20486	1941	AFCB31010	105K	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	D	T	LT	2017-02-16	S	n	Bel	Pineville	36.7990	-83.7168	Fournille Creek off KY 2014: ca 1.4 km NE on KY 2014 from its jct w/ KY 2015 in Fournille (105A); along Fournille Rd (HW 2014), ca 2.3 rd km from intersection HW 2015 at Fournille (105B); 3 km from intersection (105C); ca 4 km from intersection at head of unn	
Fishes	17423	1809	AFCB31010	124B	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	C	T	LT	2015-09-16	S	n	Whitley	Eagan	36.5898	-83.9585	124A: Unnamed Tributary to Buffalo Creek at KY-TN state line - 124B: Unnamed Tributary of Buffalo Creek, along Buffalo Rd, 143 m above Kentucky/Tennessee border.	
Fishes	19818	14679	AFQCQ2662	146A	Etheostoma sagitta	Cumberland Arrow Darter	S3	G3	F	S	2017-02-16	S	n	Bel	Pineville	36.8144	-83.7052	Fournille Creek along KY-2014		
Mammals	20086	14935	AMAC01150	180A	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1G2	E	E	LT	2012-06-04	S	n	Bel	Kajay	36.7463	-83.8054	Mist net placed approx 397 m SE of Bell/Knox County Line	
Mammals	20085	14934	AMAC01150	179A	Myotis septentrionalis	Northern Long-Eared Bat	S3	G1G2	E	E	LT	2012-06-07	S	n	Bel	Artemus	36.7660	-83.7890	Mist net placed approx 176 m E of White Church Right Fork Rd	
Fishes	19822	14680	AFCB31010	301A	Chrosomus Cumberlandensis	Blackside Dace	S2	G2	E	T	LT	2017-02-16	S	n	Bel	Pineville	36.8144	-83.7052	Fournille Creek along KY-2014, 940 m southwest of confluence with unnamed tributary	
Vascular Plants	1610	2153	PDFUM03080	001A	Corydalis sempervirens	Rock Harlequin	S37	G5	C	S	1961-05-06	M	n	Bel	Kajay, Artemus, Middlesboro North, Pineville	36.7417	-83.7472			