

The following supplement accompanies the article

## Early life history and spatiotemporal changes in distribution of the rediscovered Suwannee moccasinshell *Medionidus walkeri* (Bivalvia: Unionidae)

Nathan A. Johnson\*, John M. McLeod, Jordan Holcomb, Matthew Rowe, James D. Williams

\*Corresponding author: najohnson@usgs.gov

*Endangered Species Research* 31: 163–175 (2016)

Table S1. Data for *Medionidus walkeri* specimens collected from 1916-2015, including observations on gravidity. Academy of Natural Sciences of Drexel University (formerly Academy of Natural Sciences of Philadelphia [ANSP]), Museum of Comparative Zoology of Harvard University (MCZ), Florida Museum of Natural History (UF), University of Michigan Museum of Zoology (UMMZ), Ohio State University Museum of Biological Diversity (OSUM), and North Carolina Museum of Natural Sciences (NCSM).

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
UF 4141	Suwannee River at Old Town [US 19/98]	29.60785	-82.970932	05/21/1916	Van Hyning	311020507	Lower Suwannee River	5	Unknown	Shell
UF 66219	Santa Fe River at FL121	29.92183	-82.426103	10/08/1916	Van Hyning	311020604	Upper Santa Fe River	2	Unknown	Shell
UF 4137	Santa Fe River at FL121	29.92183	-82.426103	05/26/1932	Van Hyning	311020604	Upper Santa Fe River	1	Unknown	Shell
UF 4152	Santa Fe River at US27	29.84302	-82.630599	08/25/1933	Van Hyning	311020605	Lower Santa Fe River	1	Unknown	Shell
UF 4155	Santa Fe River at FL121	29.92183	-82.426103	04/05/1934	Van Hyning	311020604	Upper Santa Fe River	1	Unknown	Shell
UF 4140	Santa Fe River at Union/Alachua CR241	29.94268	-82.50709	04/28/1934	Van Hyning	311020604	Upper Santa Fe River	4	Unknown	Shell
UF 4133/UF 4160	Santa Fe River at O'Leno State Park relict dam	29.91228	-82.5725	04/29/1934	Van Hyning	311020604*	Upper Santa Fe River*	45	Unknown	Shell

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
UF4159	Santa Fe River at O'Leno State Park relict dam	29.91228	-82.5725	05/12/1934	D.E. Miller	311020604*	Upper Santa Fe River*	25	Unknown	Shell
UF 133933	Santa Fe River at FL121	29.92183	-82.426103	05/08/1948	Van Hyning	311020604	Upper Santa Fe River	2	Unknown	Shell
UMMZ 172501	Santa Fe River circa Poe Spring boat ramp	29.82556	-82.64889	06/20/1949	Young, Van der Schalie	311020605	Lower Santa Fe River	4	Unknown	Shell
MCZ 191692	Suwannee River at US19/98	29.58792	-82.93733	07/03/1953	W.J. Clench & R.D. Turner	311020507	Lower Suwannee River	1	Unknown	Shell
MCZ 191910	Suwannee River circa US90	30.38467	-83.17323	09/01/1954	W.J. Clench, R.D. Turner, & McMichael	311020501	Middle Suwannee River	2	Unknown	Shell
UF 1860	Withlacochee River at FL6	30.48056	-83.24444	09/09/1954	W.J. Clench	311020309	Lower Withlacochee River	2	Unknown	Shell
UF 8404	Suwannee River at US19/98	29.59184	-82.93759	02/27/1955	R.M. Dewitt	311020507	Lower Suwannee River	1	Unknown	Shell
UF 8403	Suwannee River at US19/98	29.59184	-82.93759	04/03/1955	R.M. Dewitt	311020507	Lower Suwannee River	1	Unknown	Shell
UF 8405	Suwannee River at US27	29.95449	-82.92901	04/13/1955	R.M. Dewitt	311020505	Middle Suwannee River	7	Unknown	Shell
NCSM 62939	Suwannee River circa Manatee Spring	29.49015	-82.98143	09/26/1956	H.D. Athearn & Family	311020507	Lower Suwannee River	1	Unknown	Shell
UF 133932	Suwannee River at US27	29.95449	-82.92901	11/17/1956	R.M. Dewitt	311020505	Middle Suwannee River	31	Unknown	Shell
MCZ 237472	Suwannee River at US27	29.95449	-82.92901	08/08/1962	Johnson & Fuller	311020505	Middle Suwannee River	2	Unknown	Shell

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
UMMZ 246942	Suwannee River circa US90	30.38467	-83.17323	06/01/1963	no collector recorded	311020501	Middle Suwannee River	1	Unknown	Shell
NCSM 62942	Withlacoochee River at Clyattville-Nankin Rd	30.675	-83.394722	11/28/1968	H.D. Athearn & M.A. Athearn	311020308	Lower Withlacoochee River	2	Unknown	Shell
NCSM 5567	Withlacoochee River near GA30	30.63535	-83.30959	11/09/1969	H.D. Athearn	311020309	Lower Withlacoochee River	38	Unknown	Shell
UF 28659	New River at FL18	29.92682	-82.41125	03/22/1974	H.G. Lee	311020602	Upper Santa Fe River	9	Unknown	Shell
HGL-39	New River at FL100	29.99833	-82.27399	04/12/1974	H.G. Lee	311020602	Upper Santa Fe River	2	Unknown	Shell
UF 38488	Santa Fe River at Rt. 235, Brooker, Florida	29.87879	-82.33621	05/04/1974	H.G. Lee	311020603	Upper Santa Fe River	2	Unknown	Shell
EPK 363-20	Suwannee River circa US90	30.38467	-83.17323	05/16/1981	E.P. Keferl	311020501	Middle Suwannee River	1	Unknown	Shell
EPK 389-14	New River at FL18	29.92682	-82.41125	08/30/1983	E.P. Keferl	311020602	Upper Santa Fe River	6	Unknown	Live
UF 135331	New River at FL18	29.92682	-82.41125	08/07/1987	R.S. Butler	311020602	Upper Santa Fe River	4	Unknown	Shell
UF375424	New River at FL18	29.92691	-82.41115	12/12/1987	J.D. Williams & B.S. Butler	311020602	Upper Santa Fe River	1	1 not gravid	Whole specimen preserved
UF359884	Unnamed tributary of New River at SR 235 crossing, about 3 air miles NNE of Brooker	29.941741	-82.283814	01/26/1996	D.S. Ruessler & Bartolini	311020602	Upper Santa Fe River	1	1 not gravid	Whole specimen preserved
JDW2001-031	Santa Fe River at High Springs boat ramp	29.85217	-82.61138	06/01/2001	J.D. Williams, H. Blalock-Herod, G. Hill & B. Lewis	311020605	Lower Santa Fe River	1	Unknown	Shell

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
UF438022	Suwannee River at Brandford, FL, LDB just below spring inflow	29.95449	-82.92901	05/09/2012	J.D. Williams et al.	311020505	Middle Suwannee River	2	2 not gravid	Whole specimens preserved
JDW2012-00b	Santa Fe River at FL47	29.86492	-82.73998	11/03/2012	M.M. Gangloff, M.A. Perkins & J.M. Holcomb	311020605	Lower Santa Fe River	1	unknown	Shell
JDW2012-00a	Santa Fe River at FL47	29.86492	-82.73998	11/04/2012	M.M. Gangloff, M.A. Perkins & J.M. Holcomb	311020605	Lower Santa Fe River	1	1 not gravid	Live
UF441282	Suwannee River at US27	29.95457	-82.92887	01/30/2013	J.D. Williams, M. Rowe, N.A. Johnson & J. Pfeiffer	311020505	Middle Suwannee River	7	4 fully developed glochidia; 3 not gravid	Whole specimens preserved
UF438190	Suwannee River at Branford, LDB between spring outflow and upstream boat ramp	29.95449	-82.92901	12/16/2013	N.A. Johnson, J. Pfeiffer, C. Beaver, M. Rowe & J. Holcomb	311020505	Middle Suwannee River	2	1 Fully developed glochidia; 1 not gravid	Gravid individual preserved
UF438756	Suwannee River circa 8 rkm upstream of Lafayette/Suwannee CR250 bridge boat ramp	30.28771	-83.23125	08/06/2014	M. Rowe, J. Holcomb & J.D. Williams	311020501	Middle Suwannee River	1	1 not gravid	Whole specimen preserved

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
UF438752	Suwannee River on LDB about 3 km upstream of US27 bridge at Branford	29.96824	-82.95566	08/13/2014	M. Rowe, J. Holcomb & J.D. Williams	311020504	Middle Suwannee River	1	1 not gravid	Whole specimen preserved
FWC2014-08-19.5	Suwannee River circa Hatchbend boat ramp	29.88397	-82.88773	08/19/2014	M. Rowe, J. Holcomb & J.D. Williams	311020505	Middle Suwannee River	1	1 not gravid	Live
FWC2014-08-19.4	Suwannee River circa 3.5 rkm upstream of Hatchbend boat ramp	29.89915	-82.8948	08/19/2014	M. Rowe, J. Holcomb & J.D. Williams	311020505	Middle Suwannee River	1	1 not gravid	Live
UF438753	Suwannee River about 7 km downstream of US27 bridge at Branford	29.89993	-82.91713	08/19/2014	M. Rowe, J. Holcomb & J.D. Williams	311020505	Middle Suwannee River	14	14 not gravid	1 whole specimen preserved
FWC2014-08-28.2	Suwannee River circa 6.5 rkm upstream of Dixie/Gilchrist CR340 bridge northern boat ramp	29.82602	-82.89658	08/28/2014	M. Rowe, J. Holcomb, J.D. Williams, B. Hamstead & S. Pursifull	311020505	Middle Suwannee River	1	1 not gravid	Live
FWC2014-08-28.3	Suwannee River circa 6.5 rkm downstream of Hatchbend boat ramp	29.84202	-82.89171	08/28/2014	M. Rowe, J. Holcomb, J.D. Williams, B. Hamstead, & S. Pursifull	311020505	Middle Suwannee River	2	2 not gravid	Live
FWC2014-08-28.4	Suwannee River circa 2 rkm downstream of Hatchbend boat ramp	29.87974	-82.87592	08/28/2014	M. Rowe, J. Holcomb, J.D. Williams, B. Hamstead, & S. Pursifull	311020505	Middle Suwannee River	7	7 not gravid	Live

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
FWC2014-08-28.1	Suwannee River circa 4 rkm upstream of Hatchbend boat ramp	29.90075	-82.90211	08/28/2014	M. Rowe, J. Holcomb, J.D. Williams, B. Hamstead & S. Pursifull	311020505	Middle Suwannee River	3	3 not gravid	Live
FWC2014-09-03.2	Suwannee River, ~ 10 km downstream of CR 340 bridge	29.71634	-82.94868	09/03/2014	M. Rowe, J. Holcomb & J.D. Williams	311020506	Middle Suwannee River	1	1 not gravid	Live
FWC2014-09-03.4	Suwannee River, ~ 500 m below Gornto Spring ramp	29.77499	-82.94147	09/03/2014	M. Rowe, J. Holcomb & J.D. Williams	311020506	Middle Suwannee River	1	1 not gravid	Live
FWC2014-09-03.5	Suwannee River, ~ 1.25 km below CR 340 bridge	29.78973	-82.93075	09/03/2014	M. Rowe, J. Holcomb & J.D. Williams	311020506	Middle Suwannee River	1	1 not gravid	Live
FWC2014-10-27.5	Suwannee River circa 2 rkm upstream of FL51 bridge boat ramp	30.09564	-83.18613	10/27/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River	3	1 gravid, 2 not gravid	Live
FWC2014-10-27.3	Suwannee River circa Lafayette Blue Springs boat ramp	30.12451	-83.22565	10/27/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River	9	3 gravid, 6 not gravid	Live
FWC2014-10-27.1	Suwannee River circa Lafayette Blue Springs boat ramp	30.15702	-83.2358	10/27/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River	4	3 gravid, 1 not gravid	Live
FWC2014-10-29.5	Suwannee River circa Ezell Landing Rd boat ramp	30.16675	-83.23112	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River	1	1 not gravid	Live
FWC2014-10-30.3	Suwannee River circa 3.5 rkm upstream of Lafayette CR251 boat ramp	30.06412	-83.0629	10/30/2014	M. Rowe & J. Holcomb	311020504	Middle Suwannee River	4	1 immature glochidia, 3 not gravid	Live

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
FWC2014-10-30.2	Suwannee River circa 3.5 rkm downstream of Hardenbergh boat ramp	30.08351	-83.08022	10/30/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River	3	2 immature glochidia, 1 not gravid	Live
FWC2014-10-30.1	Suwannee River circa 1.5 rkm downstream of Hardenbergh boat ramp	30.09082	-83.09847	10/30/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River	2	1 immature glochidia, 1 fully developed glochidia	Live
NAJ2014-016	Suwannee River at US27	29.95449	-82.92901	12/04/2014	N. Johnson, J. McLeod, M. Rowe, J. Holcomb., H. Jelks & K. Moon	311020505	Middle Suwannee River	3	3 not gravid	Live
NAJ2014-017	Suwannee River at US27	29.95449	-82.92901	12/17/2014	N. Johnson, J. McLeod, M. Rowe, J. Holcomb., G. Mahon, C. Beaver & S. Pursifull	311020505	Middle Suwannee River	5	1 fully developed glochidia, 4 not gravid	Live
UF439071	Santa Fe River circa Lily Spring outflow, ~2 rkm upstream of Rum Island boat ramp	29.82991	-82.66094	04/15/2015	M. Rowe & J. Holcomb	311020605	Lower Santa Fe River	1	1 not gravid	Whole specimen preserved
NAJ2015-005b	Suwannee River about 11 RKM downstream of mouth of Manatee Springs	29.41986	-83.02739	05/07/2015	T. Brady	311020508	Lower Suwannee River	1	unknown	Relict shell
FWC2015-05-28.3	Suwannee River circa 4 rkm downstream of US27	29.9239	-82.92542	05/28/2015	M. Rowe, J. Holcomb & C. Morningstar	311020505	Middle Suwannee River	4	1 fully developed glochidia, 3 not gravid	Live

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin	# <i>Medionidus walkeri</i> reported	Gravidity observations	Material Type
FWC2015-05-28.1	Suwannee River circa Troy Spring outflow	30.00841	-82.99902	05/28/2015	M. Rowe, J. Holcomb & C. Morningstar	311020504	Middle Suwannee River	2	2 fully developed glochidia	Live
NAJ2015-006	Suwannee River circa Ezell Landing Rd boat ramp	30.16675	-83.23112	06/12/2015	J. McLeod, K. Moon & M. Perkins	311020502	Middle Suwannee River	1	1 not gravid	Live
OSUM 32903	Suwannee River about 200m upstream of US19/98	29.59184	-82.93759	prior to 1969	C.D. Nelson	311020507	Lower Suwannee River	11	Unknown	Shell

Table S2. Data for all freshwater mussel surveys conducted in the Suwannee River basin from 1980-2015. The 10-digit U.S. Geological Survey Hydrologic Unit Codes (HUCs) were strictly followed except HUC 311020604 was expanded downstream to the Santa Fe River Rise such that this natural geologic feature delineates the upper Santa Fe and lower Santa Fe subbasins (impacted data points denoted with \*). Academy of Natural Sciences of Drexel University (formerly Academy of Natural Sciences of Philadelphia [ANSP]), Museum of Comparative Zoology of Harvard University (MCZ), Florida Museum of Natural History (UF), University of Michigan Museum of Zoology (UMMZ), Ohio State University Museum of Biological Diversity (OSUM), and North Carolina Museum of Natural Sciences (NCSM).

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
284B	Suwannee River at US27	29.95512	-82.92963	07/19/1980	H. McCullagh & H.G. Lee	311020505	Middle Suwannee River
284G	Santa Fe River at Union/Alachua CR241	29.94269	-82.50679	07/20/1980	H. McCullagh & H.G. Lee	311020604	Upper Santa Fe River
284C	Suwannee River at FL135	30.32817	-82.75978	07/20/1980	H. McCullagh & H.G. Lee	311020108	Upper Suwannee River
EPK 363-20	Suwannee River circa US90	30.38467	-83.17323	05/16/1981	E.P. Keferl	311020501	Middle Suwannee River
343	Withlacoochee River circa Suwannee River confluence	30.39795	-83.17463	07/05/1982	H. McCullagh & L. McCullagh	311020309	Lower Withlacoochee River
EPK 389-14	New River at FL18	29.92682	-82.41125	08/30/1983	E.P. Keferl	311020602	Upper Santa Fe River
EPK 389-14	New River at FL18	29.92682	-82.41125	08/30/1983	E.P. Keferl	311020602	Upper Santa Fe River



Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
RSB87-006	Santa Fe River ~1.5 km downstream from Ginnie Springs	29.8475	-82.71092	06/23/1987	R.S. & S.L. Butler	311020605	Lower Santa Fe River
RSB87-007	Santa Fe River at Union/Alachua CR241	29.94268	-82.50709	06/24/1987	R.S. & S.L. Butler	311020604	Upper Santa Fe River
RSB87-016	Santa Fe River at SW136th Ave	29.84705	-82.26399	08/07/1987	R.S. Butler	311020601	Upper Santa Fe River
UF 135331	New River at FL18	29.92682	-82.41125	08/07/1987	R.S. Butler	311020602	Upper Santa Fe River
RSB87-014	New River at Union CR231	29.95006	-82.34547	08/07/1987	R.S. Butler	311020602	Upper Santa Fe River
RSB87-052	Suwannee River circa US90	30.38483	-83.17351	10/09/1987	R.S. Butler	311020501	Middle Suwannee River
RSB87-051	Withlacoochee River at FL6	30.48087	-83.24371	10/09/1987	R.S. Butler	311020309	Lower Withlacoochee River
RSB87-070	Suwannee River at Suwannee CR249	30.43707	-83.09209	11/22/1987	R.S. Butler	311020109	Upper Suwannee River
RSB87-070.1	Alapaha River at Hamilton CR150	30.59831	-83.07321	11/22/1987	R.S. Butler	311020212	Alapaha River
JDW1987-033	Rocky Creek at FL235	29.84018	-82.37683	12/12/1987	J. Williams & B. Butler	311020603	Upper Santa Fe River
UF375424	New River at FL18	29.92691	-82.41115	12/12/1987	J. Williams & B. Butler	311020602	Upper Santa Fe River
RSB87-074	Cow Creek at Gilchrist CR138	29.85617	-82.75662	12/13/1987	R.S. Butler	311020607	Lower Santa Fe River
RSB87-075	Santa Fe River at US129	29.91176	-82.8603	12/13/1987	R.S. Butler	311020607	Lower Santa Fe River
RSB87-073	Suwannee River at US27	29.95481	-82.92938	12/13/1987	R.S. Butler	311020505	Middle Suwannee River
RSB88-031	Sampson River at Bradford CR18	29.86049	-82.22948	04/10/1988	R.S. Butler	311020601	Upper Santa Fe River
RSB88-067	Rocky Creek at FL235	29.84018	-82.37683	06/28/1988	R.S. Butler & W.R. Hoeh	311020603	Upper Santa Fe River
RSB88-066	New River at Union CR231	29.95006	-82.34547	06/28/1988	R.S. Butler & W.R. Hoeh	311020602	Upper Santa Fe River
RSB88-089	Alapaha River at Hamilton CR150	30.59831	-83.07321	09/03/1988	R.S. Butler, R. Cicerello, W.R. Haag & J. Williams	311020212	Alapaha River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
RSB88-088	Alapaha River at GA94	30.7039	-83.03267	09/03/1988	R.S. Butler, R. Cicerello, W.R. Haag & J. Williams	311020212	Alapaha River
RSB88-090	Withlacoochee River at US84	30.79339	-83.45343	10/15/1988	R.S. Butler, A.G. Gerberich & W.R. Hoeh	311020308	Lower Withlacoochee River
RSB88-099	Campground Canal at Original Suwannee River Campground	29.58863	-82.94259	10/17/1988	R.S. Butler & W.R. Hoeh	311020507	Lower Suwannee River
JDW1989-034	Shongaloo Fish Farm ponds	29.83624	-82.16431	04/19/1989	J.D. Williams	311020601	Upper Santa Fe River
JDW1989-049	Shongaloo Fish Farm ponds	29.83624	-82.16431	06/14/1989	J. Williams & H. Macurdy	311020601	Upper Santa Fe River
RSB90-003	Cow Creek at Gilchrist CR138	29.85617	-82.75662	11/04/1990	R.S. Butler, S.L.H. Fuller & J.D. Williams	311020607	Lower Santa Fe River
RSB90-004	Suwannee River at FL51 (southern)	30.09928	-83.17109	11/04/1990	R.S. Butler, S.L.H. Fuller & J.D. Williams	311020503	Middle Suwannee River
RSB90-005	Suwannee River at FL51 (southern)	30.10679	-83.16546	11/04/1990	R.S. Butler, S.L.H. Fuller & J.D. Williams	311020503	Middle Suwannee River
JDW1990-038	Santa Fe River at High Springs boat ramp	29.8521	-82.61155	11/05/1990	J. Williams, N. Burkhead, L. Straub & A. Woodruff	311020605	Lower Santa Fe River
LLP1991-004	Suwannee River at Suwannee CR249	30.43664	-83.09664	12/04/1991	L. Parker	311020109	Upper Suwannee River
LLP1991-096	Suwannee River at Suwannee CR249	30.43723	-83.09309	12/04/1991	L. Parker	311020109	Upper Suwannee River
JDW1992-064	Alapaha River at Hamilton CR150	30.59831	-83.07321	07/16/1992	J. Williams, C. Gilbert & W. Smith- Vaniz	311020212	Alapaha River
RSB93-029	Santa Fe River at Union/Alachua CR241	29.94268	-82.50709	11/13/1993	R.S. Butler, J. Brim Box, R. Lattimore & P. Box	311020604	Upper Santa Fe River
JCB1993-202	Santa Fe River at I-75	29.92661	-82.55877	11/13/1993	J. Brim Box & R. Lattimore	311020604*	Upper Santa Fe River*
RSB93-031	Santa Fe River circa Olustee Creek	29.94517	-82.52386	11/13/1993	R.S. Butler	311020604*	Upper Santa Fe River*

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JCB1993-201	New River at FL18	29.9268	-82.41075	11/13/1993	J. Brim Box & R. Lattimore	311020602	Upper Santa Fe River
JCB1994-005	New River at FL18	29.9268	-82.41075	04/11/1994	J. Brim Box	311020602	Upper Santa Fe River
HNB95-01	New River at FL18	29.9268	-82.41075	10/27/1995	H. Ruez, Stacy W., J. Brim Box	311020602	Upper Santa Fe River
UF359884	Unnamed tributary of New River at SR 235 crossing, about 3 air miles NNE of Brooker	29.941741	-82.283814	01/26/1996	D.S. Ruessler & Bartolini	311020602	Upper Santa Fe River
HNB96-05	Water Oak Creek CR225	30.03086	-82.19021	02/10/1996	H. Ruez, S. Ruessler, C. O'Brien	311020602	Upper Santa Fe River
HNB96-02	New River at Union CR229	30.03711	-82.22166	02/10/1996	H. Ruez, S. Ruessler, C. O'Brien	311020602	Upper Santa Fe River
HNB96-03	New River at FL16	30.06686	-82.18404	02/10/1996	H. Ruez, S. Ruessler, C. O'Brien	311020602	Upper Santa Fe River
HNB96-07	New River at FL16	30.06686	-82.18404	02/23/1996	H. Ruez, J. Brim Box, C. O'Brien	311020602	Upper Santa Fe River
JCB1996-005	New River at Union CR231	29.95006	-82.34547	02/29/1996	J. Brim Box & C. O'Brien	311020602	Upper Santa Fe River
HNB96-08	New River at FL18	29.9268	-82.41075	05/21/1996	H. Blalock	311020602	Upper Santa Fe River
HNB96-09	New River at FL100	29.99833	-82.27399	05/21/1996	H. Ruez, C. O'Brien, J. Brim Box, D. Johnson	311020602	Upper Santa Fe River
JDW1996-053	New River at FL100	29.99833	-82.27399	06/09/1996	J.D. Williams, T. Hogan & Holly Ruez	311020602	Upper Santa Fe River
HNB96-12	New River at FL16	30.06686	-82.18404	06/09/1996	H. Ruez, J. Williams, T. Hogan	311020602	Upper Santa Fe River
HNB96-13	New River at FL100	29.99833	-82.27399	06/12/1996	H. Blalock	311020602	Upper Santa Fe River
JDW1996-054	New River at FL16	30.06689	-82.18392	06/12/1996	J.D. Williams, T. Hogan & Holly Ruez	311020602	Upper Santa Fe River
HNB96-72	UF Fish Ponds	29.72673	-82.41605	11/07/1996	H. Blalock, S. Ruessler, B. Mueller	311020605	Lower Santa Fe River
HNB97-01	UF Fish Ponds	29.72673	-82.41605	01/24/1997	H. Blalock, B. Mueller	311020605	Lower Santa Fe River
HNB97-02	New River at FL18	29.9268	-82.41075	02/07/1997	H. Blalock	311020602	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
HNB97-04	New River at FL18	29.9268	-82.41075	03/05/1997	H. Blalock, S. Ruessler	311020602	Upper Santa Fe River
HNB97-06	New River at FL18	29.9268	-82.41075	04/09/1997	H. Blalock, J. Brim Box	311020602	Upper Santa Fe River
HNB97-13	New River at FL18	29.9268	-82.41075	05/21/1997	H. Blalock, Roger - diver (volunteer)	311020602	Upper Santa Fe River
HNB98-19	New River at FL18	29.9268	-82.41075	06/11/1998	H. Blalock, J. Herod, S. Bostick	311020602	Upper Santa Fe River
HNB98-41	New River at FL18	29.9268	-82.41075	06/23/1998	H. Blalock, J. Herod, B. Butler, J. Brim Box	311020602	Upper Santa Fe River
JCB1998-001	New River at FL18	29.9268	-82.41075	06/23/1998	J. Brim Box et al.	311020602	Upper Santa Fe River
HNB99-48	Santa Fe River at O'Leno State Park relict dam	29.91408	-82.57919	07/07/1999	H. Blalock, J. Herod, B. Butler	311020604*	Upper Santa Fe River*
HNB99-49	New River at FL18	29.92659	-82.4109	07/07/1999	H. Blalock, J. Herod, B. Butler	311020602	Upper Santa Fe River
HNBH00-08	New River at FL18	29.9268	-82.41075	04/20/2000	H. Blalock-Herod, P. Serralles	311020602	Upper Santa Fe River
HNBH00-15	Suwannee River at US19/98	29.58774	-82.93623	06/12/2000	H. Blalock-Herod, M. Blouin	311020507	Lower Suwannee River
GLH2001-001	Little Lake Santa Fe at boat ramp	29.77313	-82.07822	02/22/2001	G. Hill & B. Lewis	311020601	Upper Santa Fe River
GLH2001-005	Hampton Lake at boat ramp	29.86411	-82.16228	02/22/2001	G. Hill & B. Lewis	311020601	Upper Santa Fe River
GLH2001-006	Lake Sampson Canal at end of SW75th Ave	29.92225	-82.17225	02/22/2001	G. Hill & B. Lewis	311020601	Upper Santa Fe River
GLH2001-013	Lake Alto at boat ramp	29.77892	-82.13503	02/23/2001	G. Hill & B. Lewis	311020601	Upper Santa Fe River
HNBH01-02	New River at FL18	29.9268	-82.41075	05/15/2001	H. Blalock-Herod	311020602	Upper Santa Fe River
JDW2001-030	Santa Fe River at Union/Alachua CR241	29.94267	-82.5071	06/01/2001	J.D. Williams, H. Blalock, G. Hill & B. Lewis	311020604	Upper Santa Fe River
JDW2001-031	Santa Fe River at High Springs boat ramp	29.85217	-82.61138	06/01/2001	J.D. Williams, H. Blalock-Herod, G. Hill & B. Lewis	311020605	Lower Santa Fe River
JDW2001-32	Alapaha River at GA94	30.7039	-83.03261	06/10/2001	J.D. Williams	311020212	Alapaha River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
HNBH01-05	Suwannee River circa Manatee Spring	29.48944	-82.98139	06/25/2001	H. Blalock-Herod, M. Blouin, G. Hill, B. Lewis	311020507	Lower Suwannee River
HNBH01-03	Suwannee River at US19/98	29.58839	-82.93669	06/25/2001	H. Blalock-Herod, M. Blouin, G. Hill, B. Lewis	311020507	Lower Suwannee River
HNBH01-04	Suwannee River circa 4 rkm upstream of US19/98 boat ramp	29.60575	-82.96656	06/25/2001	H. Blalock-Herod, M. Blouin, G. Hill, B. Lewis	311020507	Lower Suwannee River
HNBH01-06	Suwannee River at Dixie/Gilchrist CR340	29.79833	-82.92056	06/26/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020505	Middle Suwannee River
HNBH01-07	Suwannee River at US27	29.955	-82.92847	06/26/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020505	Middle Suwannee River
HNBH01-09	Suwannee River at US90	30.38822	-83.16915	06/27/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020109	Upper Suwannee River
HNBH01-08	Withlacoochee River at FL6	30.48147	-83.24367	06/27/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020309	Lower Withlacoochee River
HNBH01-10	Suwannee River circa Shingle Creek mouth	29.32694	-83.1091	06/28/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020508	Lower Suwannee River
HNBH01-12	Suwannee River circa Little Turkey Island	29.38236	-83.04139	06/28/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020508	Lower Suwannee River
HNBH01-13	Suwannee River ~2 rkm downstream of Yellow Jacket Landing	29.44303	-83.01247	06/28/2001	H. Blalock-Herod, M. Blouin, G. Hill	311020508	Lower Suwannee River
HNBH01-14	Santa Fe River at US27	29.84394	-82.631	06/29/2001	H. Blalock-Herod, M. Blouin, S. Bostick	311020605	Lower Santa Fe River
HNBH01-15	Santa Fe River circa Fort White WEA	29.91272	-82.77428	06/29/2001	H. Blalock-Herod, M. Blouin, S. Bostick	311020607	Lower Santa Fe River
JDW2001-34	Withlacoochee River at GA31	30.635717	-83.311167	08/17/2001	J.D. Williams, H. Blalock-Herod & R. Mattson (SWMD)	311020309	Lower Withlacoochee River
JDW2001-33	Withlacoochee River at Clyattville-Nankin Rd	30.674533	-83.394233	08/17/2001	J.D. Williams, H. Blalock-Herod & R. Mattson (SWMD)	311020308	Lower Withlacoochee River
HNBH01-19	New River at FL100	29.99833	-82.27399	08/21/2001	Holly Blalock-Herod, D. Shelton	311020602	Upper Santa Fe River
HNBH01-18	New River at Union CR229	30.03889	-82.225	08/21/2001	Holly Blalock-Herod, D. Shelton	311020602	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2001-040	Suwannee River at US129	30.39872	-82.93783	08/31/2001	J.D. Williams, H. Blalock-Herod, S. Bostick & B. Lewis	311020109	Upper Suwannee River
JDW2001-37	Suwannee River at US129	30.39872	-82.93783	08/31/2001	J.D. Williams, H. Blalock-Herod, S. Bostick & B. Lewis	311020109	Upper Suwannee River
JDW2001-36	Suwannee River at US129	30.39872	-82.93783	08/31/2001	J.D. Williams, H. Blalock-Herod, S. Bostick & B. Lewis	311020109	Upper Suwannee River
JDW2001-37	Suwannee River at US129	30.39872	-82.93783	08/31/2001	J.D. Williams, H. Blalock-Herod, S. Bostick & B. Lewis	311020103	Upper Suwannee River
JDW2001-36	Suwannee River at Suwannee River Sill Rd	30.805667	-82.419433	08/31/2001	J.D. Williams, H. Blalock-Herod, S. Bostick & B. Lewis	311020101	Upper Suwannee River
JDW2001-048	Santa Fe River at Alachua CR1475	29.84644	-82.21944	10/05/2001	J.D. Williams et al.	311020601	Upper Santa Fe River
JDW2001-049	Sampson River at Bradford CR18	29.86019	-82.22931	10/05/2001	J.D. Williams et al.	311020601	Upper Santa Fe River
JDW2001-050	Santa Fe River at FL235	29.87872	-82.33569	10/05/2001	J.D. Williams et al.	311020603	Upper Santa Fe River
Rasmussen12.07.2001	Blues Creek at NW71st Street	29.71804	-82.41824	12/07/2001	Andy Rasmussen	311020605	Lower Santa Fe River
JDW2002-004	Blues Creek at NW71st Street	29.71804	-82.41824	12/07/2001	Andy Rasmussen	311020605	Lower Santa Fe River
JDW2002-004	Campground Canal at Original Suwannee River Campground	29.5885	-82.9426	03/25/2002	J.D. Williams & J.T. Garner	311020507	Lower Suwannee River
JDW2002-09	Double Run Creek on GA112	31.79505	-83.498967	04/26/2002	J.D. Williams et al.	311020201	Alapaha River
JDW2002-08	Alapaha River at Wilcox CR19	31.858733	-83.47935	04/26/2002	J.D. Williams et al.	311020201	Alapaha River
JDW2002-017	Blues Creek at NW71st Street	29.71774	-82.41796	05/08/2002	J.D. Williams & H. Jelks	311020605	Lower Santa Fe River
JDW2002-029	Suwannee River at Lafayette/Suwannee CR250	30.24853	-83.24742	06/05/2002	J.D. Williams & R. Lewis	311020501	Middle Suwannee River
JDW2002-028	Suwannee River ~1.5 rkm downstream of US129	30.40618	-82.9496	06/05/2002	J.D. Williams & R. Lewis	311020109	Upper Suwannee River
JDW2002-030	Santa Fe River at FL121	29.9221	-82.42648	06/06/2002	J.D. Williams et al.	311020604	Upper Santa Fe River
JDW2002-032	Olustee Creek at Brown Rd	29.97165	-82.56213	06/06/2002	J.D. Williams et al.	311020604	Upper Santa Fe River
JDW2002-031	New River at FL18	29.92618	-82.41095	06/06/2002	J.D. Williams et al.	311020602	Upper Santa Fe River
JDW2002-034	Santa Fe River circa Vinzant Landing in O'Leno State Park	29.92	-82.5648	06/07/2002	J.D. Williams et al.	311020604*	Upper Santa Fe River*
JDW2002-035	Suwannee River circa US90	30.38513	-83.17345	06/10/2002	J.D. Williams & R. Lewis	311020501	Middle Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2002-036	Withlacoochee River circa Suwannee River confluence	30.39795	-83.17463	06/10/2002	J.D. Williams & R. Lewis	311020309	Lower Withlacoochee River
JDW2002-037	Suwannee River at Suwannee CR249	30.43737	-83.09422	06/10/2002	J.D. Williams & R. Lewis	311020109	Upper Suwannee River
JDW2002-39	Piscola Creek at US221	30.74475	-83.59115	06/11/2002	J.D. Williams et al.	311020307	Upper Withlacoochee River
JDW2002-38	Withlacoochee River at US84	30.79385	-83.453233	06/11/2002	J.D. Williams et al.	311020308	Lower Withlacoochee River
JDW2002-40	Okapilco Creek at GA133	30.8257	-83.56235	06/11/2002	J.D. Williams et al.	311020306	Upper Withlacoochee River
JDW2002-41	Little River at GA122	31.000667	-83.456833	06/11/2002	J.D. Williams et al.	311020405	Upper Withlacoochee River
JDW2002-43	Withlacoochee River at GA133	30.850167	-83.339683	06/12/2002	J.D. Williams et al.	311020304	Upper Withlacoochee River
JDW2002-42	Little River at GA133	30.851283	-83.34735	06/12/2002	J.D. Williams et al.	311020405	Upper Withlacoochee River
JDW2002-44	Withlacoochee River at GA122	31.01388	-83.30182	06/12/2002	J.D. Williams et al.	311020304	Upper Withlacoochee River
JDW2002-45	Withlacoochee River at GA37	31.1193	-83.322383	06/12/2002	J.D. Williams et al.	311020304	Upper Withlacoochee River
JDW2002-47	Alapaha River at GA168	31.156867	-83.039183	06/12/2002	J.D. Williams et al.	311020207	Alapaha River Upper
JDW2002-46	New River at GA76	31.177233	-83.322633	06/12/2002	J.D. Williams et al.	311020302	Withlacoochee River
JDW2002-052	Swift Creek at US41	30.37013	-82.79935	06/13/2002	J.D. Williams et al.	311020108	Upper Suwannee River
JDW2002-051	Alapaha River at Hamilton CR150	30.6009	-83.0731	06/13/2002	J.D. Williams et al.	311020212	Alapaha River
JDW2002-49	Alapaha River at GA94	30.704483	-83.03325	06/13/2002	J.D. Williams et al.	311020212	Alapaha River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2002-50	Alapahoochee River at GA376	30.704933	-83.119033	06/13/2002	J.D. Williams et al.	311020211	Alapaha River
JDW2002-48B	Suwanoochee Creek at GA187	30.823	-82.840333	06/13/2002	J.D. Williams et al.	311020103	Upper Suwannee River
JDW2002-48A	Cow Creek at US129	30.86	-83	06/13/2002	J.D. Williams et al.	311020212	Alapaha River
JDW2002-48	Alapaha River at US84	30.925517	-83.03865	06/13/2002	J.D. Williams et al.	311020212	Alapaha River
JDW2002-055	Manatee Spring	29.4891	-82.98093	06/17/2002	J.D. Williams & R. Lewis	311020507	Lower Suwannee River
JDW2002-054	Fanning Spring	29.58765	-82.93533	06/17/2002	J.D. Williams & R. Lewis	311020507	Lower Suwannee River
JDW2002-053	Troy Spring	30.00553	-82.99767	06/17/2002	J.D. Williams & R. Lewis	311020504	Middle Suwannee River
JDW2002-058	Suwannee River circa 225th Rd and 76th St	30.30702	-83.21225	06/18/2002	J.D. Williams & R. Lewis	311020501	Middle Suwannee River
JDW2002-057	Withlacoochee River at FL6	30.48323	-83.24397	06/18/2002	J.D. Williams & R. Lewis	311020309	Lower Withlacoochee River
JDW2002-056	Withlacoochee River at Madison CR150	30.59588	-83.2598	06/18/2002	J.D. Williams & R. Lewis	311020309	Lower Withlacoochee River
JDW2002-062	Santa Fe River at confluence with the Suwannee River	29.88887	-82.87808	06/19/2002	J.D. Williams & R. Lewis	311020607	Lower Santa Fe River
JDW2002-061	Suwannee River at FL51 (southern)	30.09985	-83.17153	06/19/2002	J.D. Williams & R. Lewis	311020503	Middle Suwannee River
JDW2002-060	Suwannee River circa Ezell Landing Rd boat ramp	30.16582	-83.23218	06/19/2002	J.D. Williams & R. Lewis	311020502	Middle Suwannee River
JDW2002-059	Mill Creek at Mill Creek Rd	30.2531	-83.26647	06/19/2002	J.D. Williams & R. Lewis	311020501	Middle Suwannee River
JDW2002-067	Santa Fe River 1 rm downstream of the Santa Fe River Rise in O'Leno State Park	29.86293	-82.59227	06/24/2002	J.D. Williams et al.	311020605	Lower Santa Fe River
JDW2002-77	Alapaha River at GA125	31.63107	-83.41797	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020203	Alapaha River
JDW2002-78	Big Creek circa Alapaha River confluence	31.64644	-83.42318	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020203	Alapaha River
JDW2002-76	Alapaha River at GA107	31.72105	-83.45546	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020201	Alapaha River



Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2002-74	Deep Creek on GA112	31.73016	-83.57982	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020202	Alapaha River
JDW2002-75	Lime Creek at Alberson Rd	31.7885	-83.6851	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020202	Alapaha River
JDW2002-73	Alapaha River at GA90	31.81573	-83.47443	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020201	Alapaha River
JDW2002-72	Alapaha River at GA112	31.898333	-83.49175	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020201	Alapaha River
JDW2002-71	Alapaha River at GA159	31.93025	-83.55215	07/16/2002	R. Lewis, A. Hester & J. Brim Box	311020201	Alapaha River
JDW2002-82	Alapaha River at GA135	31.303433	-83.054	07/17/2002	R. Lewis, A. Hester & J. Brim Box	311020207	Alapaha River
JDW2002-83	New River at GA129	31.36055	-83.42775	07/17/2002	R. Lewis, A. Hester & J. Brim Box	311020302	Upper Withlacoochee River
JDW2002-81	Willacoochee River at Berrien CR235	31.3948	-83.128733	07/17/2002	R. Lewis, A. Hester & J. Brim Box	311020206	Alapaha River
JDW2002-79	Little River at Tift CR419	31.532617	-83.627717	07/17/2002	R. Lewis, A. Hester & J. Brim Box	311020401	Upper Withlacoochee River
JDW2002-80	Willacoochee River at Satilla Rd	31.563417	-83.168067	07/17/2002	R. Lewis, A. Hester & J. Brim Box	311020206	Alapaha River
JDW2002-87	Okapilco Creek at Hempstead Church Rd	31.02968	-83.60038	07/18/2002	R. Lewis, A. Hester & J. Brim Box	311020305	Upper Withlacoochee River
JDW2002-86	Little River at GA37	31.1564	-83.548567	07/18/2002	R. Lewis, A. Hester & J. Brim Box	311020404	Upper Withlacoochee River
JDW2002-85	Alapaha River at US82	31.385633	-83.193333	07/18/2002	R. Lewis, A. Hester & J. Brim Box	311020204	Alapaha River
JDW2002-84	Alapaha River ~800m upstream of Ferry Lake Rd	31.48	-83.3345	07/18/2002	R. Lewis, A. Hester & J. Brim Box	311020204	Alapaha River
JDW2002-088	New River at FL18	29.92618	-82.41095	07/22/2002	Brim Box et al.	311020602	Upper Santa Fe River
JDW2002-089	New River at Union CR231	29.95021	-82.34548	07/22/2002	Brim Box et al.	311020602	Upper Santa Fe River
JDW2002-090	New River at FL100	29.99834	-82.274	07/22/2002	Brim Box et al.	311020602	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2002-092	Santa Fe River at Alachua CR1475	29.84633	-82.21941	07/23/2002	Brim Box et al.	311020601	Upper Santa Fe River
JDW2002-093	Santa Fe River at SW136th Ave	29.84708	-82.26403	07/23/2002	Brim Box et al.	311020601	Upper Santa Fe River
JDW2002-091	Santa Fe River at FL121	29.92179	-82.42634	07/23/2002	Brim Box et al.	311020604	Upper Santa Fe River
JDW2002-095	Suwannee River at US90	30.38773	-83.16808	07/24/2002	Brim Box et al.	311020109	Upper Suwannee River
JDW2002-094	Suwannee River at US129	30.39847	-82.93752	07/24/2002	Brim Box et al.	311020109	Upper Suwannee River
JDW2002-120	Swift Creek at Hamilton CR25A	30.35093	-82.81785	07/25/2002	J. Brim Box	311020108	Upper Suwannee River
JDW2002-108	Santa Fe River at FL47	29.86499	-82.74009	07/29/2002	J. Brim Box et al.	311020605	Lower Santa Fe River
JDW2002-107	Santa Fe River at US129	29.90976	-82.86454	07/29/2002	J. Brim Box et al.	311020607	Lower Santa Fe River
JDW2002-109	Suwannee River circa Lafayette CR251 boat ramp	30.04641	-83.03642	07/29/2002	J. Brim Box et al.	311020504	Middle Suwannee River
JDW2002-115	Suwannee River circa Otter Spring	29.64052	-82.95515	07/30/2002	J. Brim Box et al.	311020506	Middle Suwannee River
JDW2002-114	Suwannee River circa Otter Spring	29.64183	-82.9567	07/30/2002	J. Brim Box et al.	311020506	Middle Suwannee River
JDW2002-113	Suwannee River circa Sun Spring	29.70398	-82.938	07/30/2002	J. Brim Box et al.	311020506	Middle Suwannee River
JDW2002-112	Suwannee River circa Sun Spring	29.70953	-82.94596	07/30/2002	J. Brim Box et al.	311020506	Middle Suwannee River
JDW2002-111	Suwannee River circa NW 6th St. boat ramp	29.75428	-82.9409	07/30/2002	J. Brim Box et al.	311020506	Middle Suwannee River
JDW2002-110	Suwannee River at Dixie/Gilchrist CR340	29.79773	-82.91973	07/30/2002	J. Brim Box et al.	311020505	Middle Suwannee River
JDW2002-116	Suwannee River ~1.5 rkm upstream of US129	30.39103	-82.92853	07/31/2002	J. Brim Box et al.	311020109	Upper Suwannee River
JDW2002-119	Santa Fe River 1 rm downstream of confluence with Ichetucknee River	29.93147	-82.81047	08/01/2002	B. Lewis, A. Hester & C. O'Brien	311020607	Lower Santa Fe River
JDW2002-117	Santa Fe River circa confluence with Ichetucknee River	29.93299	-82.79673	08/01/2002	B. Lewis, A. Hester & C. O'Brien	311020607	Lower Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2002-118	Ichetucknee River circa Santa Fe River confluence	29.93553	-82.7988	08/01/2002	B. Lewis, A. Hester & C. O'Brien	311020606	Lower Santa Fe River
JDW2002-129	Toms Creek on Woodpecker Rd	30.60478	-82.70465	08/09/2002	J.D. Williams & B. Lewis	311020105	Upper Suwannee River
JDW2002-130	Toms Creek on GA94	30.67715	-82.86071	08/09/2002	J.D. Williams & B. Lewis	311020105	Upper Suwannee River
JDW2002-132	Suwannee Creek at April Ln	30.73365	-82.689933	08/09/2002	J.D. Williams & B. Lewis	311020103	Upper Suwannee River
JDW2002-131	Jones Creek at Tower Rd	30.79007	-82.57342	08/09/2002	J.D. Williams & B. Lewis	311020102	Upper Suwannee River
JDW2002-134	Suwannee Creek at Swamp Rd	30.982167	-82.485133	08/09/2002	J.D. Williams & B. Lewis	311020101	Upper Suwannee River
JDW2002-133	Woodyard Creek at US84	31.04036	-82.73671	08/09/2002	J.D. Williams & B. Lewis	311020101	Upper Suwannee River
JDW2002-133a	Cane Creek at US84	31.05559	-82.69616	08/09/2002	J.D. Williams & B. Lewis	311020101	Upper Suwannee River
JDW2002-133b	Box Creek on US84	31.07643	-82.73671	08/09/2002	J.D. Williams & B. Lewis	311020101	Upper Suwannee River
JDW2002-133c	Suwannee Creek at US84	31.09119	-82.60578	08/09/2002	J.D. Williams & B. Lewis	311020101	Upper Suwannee River
JDW2002-133d	Big Alligator Creek on US84	31.13224	-82.50801	08/09/2002	J.D. Williams & B. Lewis	311020101	Upper Suwannee River
JDW2002-152	Hardy Mill Creek at Berrien CR354	31.32256	-83.29796	08/27/2002	J.D. Williams & B. Lewis	311020301	Upper Withlacoochee River
JDW2002-150	Reedy Creek at Irwin CR263	31.48835	-83.1778	08/27/2002	J.D. Williams & B. Lewis	311020205	Alapaha River
JDW2002-149	Willacoochee River at GA90	31.50738	-83.1626	08/27/2002	J.D. Williams & B. Lewis	311020206	Alapaha River
JDW2002-151	Willacoochee River at Satilla Rd	31.563281	-83.16715	08/27/2002	J.D. Williams & B. Lewis	311020206	Alapaha River
JDW2002-154	Little River at Cook CR246	31.254081	-83.507769	08/28/2002	J.D. Williams & B. Lewis	311020401	Upper Withlacoochee River
JDW2002-159	Warrior Creek at GA486	31.254381	-83.575531	08/28/2002	J.D. Williams & B. Lewis	311020403	Upper Withlacoochee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2002-153	New River at Berrien CR354	31.267339	-83.39395	08/28/2002	J.D. Williams & B. Lewis	311020302	Upper Withlacoochee River
JDW2002-158	Warrior Creek at GA256	31.310839	-83.685339	08/28/2002	J.D. Williams & B. Lewis	311020403	Upper Withlacoochee River
JDW2002-157	Warrior Creek at Sumner Rd	31.3628	-83.768889	08/28/2002	J.D. Williams & B. Lewis	311020403	Upper Withlacoochee River
JDW2002-156	Ty Ty Creek at Tift CR411	31.390269	-83.642161	08/28/2002	J.D. Williams & B. Lewis	311020402	Upper Withlacoochee River
JDW2002-155	Little River at US319	31.391019	-83.541489	08/28/2002	J.D. Williams & B. Lewis	311020401	Upper Withlacoochee River
JDW2002-164	Suwannee River at 107th Rd boat ramp	30.41497	-82.96323	08/29/2002	J.D. Williams & B. Lewis	311020109	Upper Suwannee River
JDW2002-163	Willacoochee River at Knights Ferry Rd	30.7122	-83.45555	08/29/2002	J.D. Williams & B. Lewis	311020308	Lower Withlacoochee River
JDW2002-162	Mule Creek at Tallokas Rd	30.916331	-83.637539	08/29/2002	J.D. Williams & B. Lewis	311020306	Upper Withlacoochee River
JDW2002-161	Indian Creek at Tillman Rd	31.095581	-83.584189	08/29/2002	J.D. Williams & B. Lewis	311020404	Upper Withlacoochee River
JDW2002-160	Okapilco Creek at end of Culbertson Rd	31.106139	-83.731611	08/29/2002	J.D. Williams & B. Lewis	311020305	Upper Withlacoochee River
JDW2002-196	Troy Spring	30.00631	-82.9969	10/17/2002	B. Lewis	311020504	Middle Suwannee River
RB051114.1	GA S.R. 31/FL S.R. 145, ~6.9 km S Clyattville, GA.	30.63541	-83.31042	11/14/2005	J. Wisniewski	311020309	Lower Withlacoochee River
JDW2008-010	Campground Canal at Original Suwannee River Campground	29.58891	-82.94239	01/23/2008	J.D. Williams, J. Johansen, N. Johnson	311020507	Lower Suwannee River
JDW2008-041	Lake Butler at boat ramp	30.027	-82.3399	05/07/2008	J.D. Williams, J. Johansen	311020602	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2008-060	Lake Alto at boat ramp	29.7781	-82.1376	5/29/2008	J.D. Williams, J. Johansen, N. Johnson	311020601	Upper Santa Fe River
JDW2008-055	Cow Creek at Gilchrist CR138	29.8559	-82.7566	05/29/2008	J.D. Williams, J. Johansen, N. Johnson	311020607	Lower Santa Fe River
JDW2008-054A	Santa Fe River at FL47	29.8691	-82.7443	05/29/2008	J.D. Williams, J. Johansen, N. Johnson	311020605	Lower Santa Fe River
JDW2008-074	Suwannee River ~1.5 rkm downstream of US129	30.4064	-82.9484	06/06/2008	J.D. Williams & B. Butler	311020109	Upper Suwannee River
JDW2008-087	Suwannee River at US27	29.9543	-82.93	07/01/2008	J.D. Williams, J. Johansen	311020505	Middle Suwannee River
JDW2008-088	Suwannee River at FL51 (southern)	30.108	-83.1649	07/01/2008	J.D. Williams, J. Johansen	311020503	Middle Suwannee River
JDW2009-003	Sampson River at Bradford CR18	29.86042	-82.22908	01/09/2009	J.D. Williams, B. Jaggers, P. McCord, J. Dicky, C. Lester, T. Smith	311020601	Upper Santa Fe River
JDW2009-002	Sampson River at SW 69 St	29.87012	-82.22237	01/09/2009	J.D. Williams, B. Jaggers, P. McCord, J. Dicky, C. Lester, T. Smith	311020601	Upper Santa Fe River
JDW2009-001	Sampson River at Bradford CR225	29.91882	-82.21025	01/09/2009	J.D. Williams, B. Jaggers, P. McCord, J. Dicky, C. Lester, T. Smith	311020601	Upper Santa Fe River
JDW2010-005	Santa Fe River at FL121	29.92209	-82.4265	05/21/2010	J.D. Williams	311020604	Upper Santa Fe River
JDW2010-006	New River at FL18	29.9266	-82.4109	05/21/2010	J.D. Williams	311020602	Upper Santa Fe River
JDW2010-018	Santa Fe River at FL121	29.92196	-82.42646	06/29/2010	J.D. Williams & N. Johnson	311020604	Upper Santa Fe River
JDW2010-033	Swift Creek circa Suwannee River confluence	30.34697	-82.82389	08/10/2010	J.D. Williams, T. Smith & E. Nelson	311020108	Upper Suwannee River
JDW2010-032	Swift Creek at US41	30.37103	-82.79999	08/10/2010	J.D. Williams, T. Smith & E. Nelson	311020108	Upper Suwannee River
JDW2011-012	Santa Fe River at I-75	29.9244	-82.56128	06/07/2011	J.D. Williams, G. Warren, et al.	311020604*	Upper Santa Fe River*
JDW2011-013	Santa Fe River at FL121	29.92187	-82.42639	06/08/2011	J.D. Williams, G. Warren, et al.	311020604	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2011-014	Santa Fe River at FL121	29.92187	-82.42639	06/09/2011	J.D. Williams & FWC lab crew	311020604	Upper Santa Fe River
JDW2011-018	Santa Fe River at I-75	29.92737	-82.55793	07/19/2011	J.D. Williams & FWC lab crew	311020604*	Upper Santa Fe River*
JDW2011-025	Santa Fe River circa Vinzant Landing in O'Leno State Park	29.92086	-82.56616	08/12/2011	J.D. Williams & FWC lab crew	311020604*	Upper Santa Fe River*
UF438022	Suwannee River at Branford, FL, LDB just below spring inflow	29.95449	-82.92901	05/09/2012	J.D. Williams et al.	311020505	Middle Suwannee River
JDW2012-00b	Santa Fe River at FL47	29.86492	-82.73998	11/03/2012	M.M. Gangloff, M.A. Perkins & J.M. Holcomb	311020605	Lower Santa Fe River
JDW2012-00a	Santa Fe River at FL47	29.86492	-82.73998	11/04/2012	M.M. Gangloff, M.A. Perkins & J.M. Holcomb	311020605	Lower Santa Fe River
JDW2013-002	Suwannee River at US19/98	29.58678	-82.94085	01/30/2013	J.D. Williams, M. Rowe, N.A. Johnson, J. Pfeiffer	311020507	Lower Suwannee River
JDW2013-004	Santa Fe River circa Rum Island boat ramp	29.8346	-82.67739	01/30/2013	J.D. Williams, M. Rowe, N.A. Johnson, J. Pfeiffer	311020605	Lower Santa Fe River
UF441282	Suwannee River at US27	29.95457	-82.92887	01/30/2013	J.D. Williams, M. Rowe, N.A. Johnson, J. Pfeiffer	311020505	Middle Suwannee River
JDW2013-005	New River at FL18	29.92691	-82.41116	01/31/2013	J.D. Williams, M. Rowe, N.A. Johnson, J. Pfeiffer	311020602	Upper Santa Fe River
MMG2013-20	Olustee Creek at Columbia- Union CR241	30.08417	-82.50504	05/19/2013	M. Gangloff, W. Pugh, J. Holcomb	311020604	Upper Santa Fe River
JDW2013-011	Suwannee River circa Fowlers Bluff boat ramp	29.39642	-83.02604	07/01/2013	J.D. Williams et al.	311020508	Lower Suwannee River
JDW2013-012	Suwannee River ~2 rkm downstream of Yellow Jacket Landing	29.44348	-83.01306	07/01/2013	J.D. Williams, M. Randall, N. Johnson, M. Rowe	311020508	Lower Suwannee River
JDW2013-013	Suwannee River circa Manatee Spring	29.48818	-82.98156	07/01/2013	J.D. Williams, M. Randall, N. Johnson, M. Rowe	311020507	Lower Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2013-10-22.2	Santa Fe River circa High Springs boat ramp	29.85392	-82.61288	10/22/2013	M. Rowe, J. Holcomb, & J.D. Williams	311020605	Lower Santa Fe River
FWC2013-10-22.1	Santa Fe River circa High Springs boat ramp	29.85437	-82.61341	10/22/2013	M. Rowe, J. Holcomb, & J.D. Williams	311020605	Lower Santa Fe River
FWC2013-10-24.1	New River at FL18	29.92623	-82.41117	10/24/2013	M. Rowe, J. Holcomb, & J.D. Williams	311020602	Upper Santa Fe River
FWC2013-10-30.1	Santa Fe River at FL47	29.86478	-82.73958	10/30/2013	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2013-11-22.1	Withlacoochee River at FL6	30.48085	-83.24381	11/22/2013	M. Rowe, J. Holcomb	311020309	Lower Withlacoochee River
UF438190	Suwannee River at Branford, LDB between spring outflow and upstream boat ramp	29.95449	-82.92901	12/16/2013	N.A. Johnson, J. Pfeiffer, C. Beaver, M. Rowe, J. Holcomb	311020505	Middle Suwannee River
FWC2014-07-15.1	Withlacoochee River circa 1 rkm upstream of the Suwannee River confluence	30.39175	-83.17715	07/15/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020309	Lower Withlacoochee River
FWC2014-07-24.3	Suwannee River circa I-10 bridge	30.35453	-83.19106	07/24/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-07-24.2	Suwannee River circa I-10 bridge	30.36131	-83.19308	07/24/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-07-24.1	Suwannee River circa 3 rkm downstream of US90	30.36815	-83.193	07/24/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-07-24.4	Suwannee River circa US90	30.3836	-83.17865	07/24/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-07-24.5	Suwannee River circa US90	30.38501	-83.17354	07/24/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-07-24.6	Suwannee River circa 3 rkm upstream of US90	30.40026	-83.16181	07/24/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020109	Upper Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-07-25.5	Alapaha River circa Hamilton CR150 boat ramp	30.59958	-83.07335	07/25/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020212	Alapaha River
FWC2014-07-25.3	Alapaha River circa Hamilton CR150 boat ramp	30.60316	-83.07198	07/25/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020212	Alapaha River
FWC2014-07-25.4	Alapahoochee River circa Turket Creek	30.604333	-83.07557	07/25/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020211	Alapaha River
FWC2014-07-25.2	Alapaha River circa 1 rkm upstream of Hamilton CR150 boat ramp	30.60708	-83.06796	07/25/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020212	Alapaha River
FWC2014-07-25.1	Alapaha River circa 1.5 rkm upstream of Hamilton CR150 boat ramp	30.60747	-83.06569	07/25/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020212	Alapaha River
FWC2014-08-05.2	Suwannee River circa US129 bridge	30.4	-82.93919	08/05/2014	M. Rowe & J. Holcomb	311020109	Upper Suwannee River
FWC2014-08-05.3	Suwannee River circa US129 bridge	30.40002	-82.94375	08/05/2014	M. Rowe & J. Holcomb	311020109	Upper Suwannee River
FWC2014-08-05.1	Suwannee River circa 1 rkm upstream of Spirit of the Suwannee River Music Campground boat ramp	30.4008	-82.94498	08/05/2014	M. Rowe & J. Holcomb	311020109	Upper Suwannee River
FWC2014-08-05.4	Suwannee River circa Spirit of the Suwannee Music Campground boat ramp	30.40576	-82.94704	08/05/2014	M. Rowe & J. Holcomb	311020109	Upper Suwannee River
FWC2014-08-05.5	Suwannee River circa Deese/Howard boat ramp	30.41515	-82.9645	08/05/2014	M. Rowe & J. Holcomb	311020109	Upper Suwannee River
FWC2014-08-06.1	Mill Creek outflow at quarry ponds	30.25377	-83.25939	08/06/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-08-06.2	Suwannee River circa 5.5 rkm upstream of Lafayette/Suwannee CR250 bridge boat ramp	30.26946	-83.23895	08/06/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
UF438756	Suwannee River circa 8 rkm upstream of Lafayette/Suwannee CR250 bridge boat ramp	30.28771	-83.23125	08/06/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River



Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-08-06.4	Suwannee River circa 9 rkm downstream of I-10	30.30401	-83.22141	08/06/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020501	Middle Suwannee River
FWC2014-08-13.4	Suwannee River circa Manatee Springs	29.49095	-82.98158	08/13/2014	M. Rowe, J. Holcomb, J. Williams, S. Pursifull, V. Doig, B. Hamstead, G. Carmoody, & ? Maria	311020507	Lower Suwannee River
FWC2014-08-13.5	Suwannee River circa New Clay Landing	29.51701	-82.97604	08/13/2014	M. Rowe, J. Holcomb, J. Williams, S. Pursifull, V. Doig, B. Hamstead, G. Carmoody, & ? Maria	311020507	Lower Suwannee River
FWC2014-08-13.2	Suwannee River circa 1 rkm upstream of US27	29.9445	-82.92369	08/13/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-08-13.3	Suwannee River circa US27	29.95411	-82.9285	08/13/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
UF438752	Suwannee River on LDB about 3 km upstream of US27 bridge at Branford	29.96824	-82.95566	08/13/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020504	Middle Suwannee River
FWC2014-08-14.5	Suwannee River circa 4 rkm downstream of US19/98 boat ramp	29.55504	-82.95103	08/14/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, S. Pursifull, & G. Carmody	311020507	Lower Suwannee River
FWC2014-08-14.6	Suwannee River circa 1.5 rkm downstream of US19/98 boat ramp	29.57867	-82.94382	08/14/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, S. Pursifull, & G. Carmody	311020507	Lower Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-08-14.1	Suwannee River circa US19/98 boat ramp	29.58873	-82.93775	08/14/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, S. Pursifull, & G. Carmody	311020507	Lower Suwannee River
FWC2014-08-14.4	Suwannee River circa 4 rkm upstream of US19/98 boat ramp	29.59955	-82.96231	08/14/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, S. Pursifull, & G. Carmody	311020507	Lower Suwannee River
FWC2014-08-14.3	Suwannee River circa 6 rkm upstream of US19/98 boat ramp	29.61069	-82.97176	08/14/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, S. Pursifull, & G. Carmody	311020507	Lower Suwannee River
FWC2014-08-14.2	Suwannee River circa 8 rkm upstream of US19/98 boat ramp	29.62788	-82.96973	08/14/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, S. Pursifull, & G. Carmody	311020506	Middle Suwannee River
FWC2014-08-18.2	Withlacoochee River circa 1 rkm downstream of Jumping Gully Creek confluence	30.61511	-83.26718	08/18/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020309	Lower Withlacoochee River
FWC2014-08-18.1	Withlacoochee River circa Jumping Gully Creek confluence	30.61757	-83.26781	08/18/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020309	Lower Withlacoochee River
FWC2014-08-18.3	Withlacoochee River circa 2.5 rkm downstream of GA31 boat ramp	30.62908	-83.29289	08/18/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020309	Lower Withlacoochee River
FWC2014-08-18.4	Withlacoochee River circa 1 rkm downstream of GA31 boat ramp	30.63128	-83.30173	08/18/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020309	Lower Withlacoochee River
FWC2014-08-18.5	Withlacoochee River circa 1 rkm downstream of GA31 boat ramp	30.63222	-83.30517	08/18/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020309	Lower Withlacoochee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-08-19.5	Suwannee River circa Hatchbend boat ramp	29.88397	-82.88773	08/19/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-08-19.3	Suwannee River circa 6 rkm upstream of Hatchbend boat ramp	29.88939	-82.9105	08/19/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-08-19.4	Suwannee River circa 3.5 rkm upstream of Hatchbend boat ramp	29.89915	-82.8948	08/19/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
UF438753	Suwannee River about 7 km downstream of US27 bridge at Branford	29.89993	-82.91713	08/19/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-08-19.1	Suwannee River circa 6 rkm downstream of US27 boat ramp	29.90734	-82.91795	08/19/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-08-21.1	Withlacoochee River circa 7 rkm downstream of River Park Rd boat ramp	30.42063	-83.21911	08/21/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-21.2	Withlacoochee River circa 6 rkm downstream of River Park Rd boat ramp	30.42541	-83.21973	08/21/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-21.6	Withlacoochee River circa 4.5 rkm downstream of Timber River Rd boat ramp	30.4342	-83.22115	08/21/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-21.3	Withlacoochee River circa 3 rkm downstream of River Park Rd boat ramp	30.44918	-83.21979	08/21/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-21.4	Withlacoochee River circa 1.5 rkm downstream of River Park Rd boat ramp	30.45535	-83.21918	08/21/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-21.5	Withlacoochee River circa River Park Rd boat ramp	30.46758	-83.22552	08/21/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-22.3	Withlacoochee River circa 1 rkm upstream of Suwannee River confluence	30.39655	-83.17554	08/22/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-22.2	Withlacoochee River circa FL141 bridge	30.41067	-83.18008	08/22/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-08-22.1	Withlacoochee River circa 1 rkm upstream of FL141	30.41348	-83.18903	08/22/2014	M. Rowe & J. Holcomb	311020309	Lower Withlacoochee River
FWC2014-08-26.3	Withlacoochee River circa Suwannee River confluence	30.38606	-83.1709	08/26/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020309	Lower Withlacoochee River
FWC2014-08-26.4	Suwannee River circa 2.5 rkm upstream of US90 bridge	30.39778	-83.16557	08/26/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020109	Upper Suwannee River
FWC2014-08-26.1	Suwannee River circa 4 rkm upstream of US90 bridge	30.40946	-83.1561	08/26/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020109	Upper Suwannee River
FWC2014-08-26.2	Suwannee River circa 4.5 rkm upstream of US90 bridge	30.41022	-83.1596	08/26/2014	M. Rowe, J. Holcomb, J. Williams, & B. Hamstead	311020109	Upper Suwannee River
FWC2014-08-27.4	Suwannee River circa 4 rkm upstream of Lafayette/Suwannee CR250 bridge boat ramp	30.26046	-83.24717	08/27/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020501	Middle Suwannee River
FWC2014-08-27.3	Suwannee River circa 5 rkm upstream of Lafayette/Suwannee CR250 bridge boat ramp	30.26428	-83.23724	08/27/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020501	Middle Suwannee River
FWC2014-08-27.1	Suwannee River circa 8 rkm upstream of Lafayette/Suwannee CR250 bridge boat ramp	30.28966	-83.23219	08/27/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020501	Middle Suwannee River
FWC2014-08-27.2	Suwannee River circa 8.5 rkm downstream of I-10 bridge	30.30659	-83.2156	08/27/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, W. Tate, & C. St. Aubin	311020501	Middle Suwannee River
FWC2014-08-28.2	Suwannee River circa 6.5 rkm upstream of Dixie/Gilchrist CR340 bridge northern boat ramp	29.82602	-82.89658	08/28/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, & S. Pursifull	311020505	Middle Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-08-28.3	Suwannee River circa 6.5 rkm downstream of Hatchbend boat ramp	29.84202	-82.89171	08/28/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, & S. Pursifull	311020505	Middle Suwannee River
FWC2014-08-28.4	Suwannee River circa 2 rkm downstream of Hatchbend boat ramp	29.87974	-82.87592	08/28/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, & S. Pursifull	311020505	Middle Suwannee River
FWC2014-08-28.1	Suwannee River circa 4 rkm upstream of Hatchbend boat ramp	29.90075	-82.90211	08/28/2014	M. Rowe, J. Holcomb, J. Williams, B. Hamstead, & S. Pursifull	311020505	Middle Suwannee River
FWC2014-09-02.4	Santa Fe River circa Hollingsworth Bluff boat ramp	29.86878	-82.74462	09/02/2014	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2014-09-02.5	Santa Fe River circa Rum Island boat ramp	29.83297	-82.67764	09/02/2014	M. Rowe & J. Holcomb	311020605	Lower Santa Fe River
FWC2014-09-02.1	Santa Fe River circa 1 km downstream of Rum Island boat ramp	29.83428	-82.68981	09/02/2014	M. Rowe & J. Holcomb	311020605	Lower Santa Fe River
FWC2014-09-02.2	Santa Fe River circa 3 rkm downstream of Rum Island boat ramp	29.83826	-82.70448	09/02/2014	M. Rowe & J. Holcomb	311020605	Lower Santa Fe River
FWC2014-09-02.3	Santa Fe River circa 3 km upstream of US 47 bridge	29.85201	-82.71985	09/02/2014	M. Rowe & J. Holcomb	311020605	Lower Santa Fe River
FWC2014-09-03.2	Suwannee River, ~ 10 km downstream of CR 340 bridge	29.71634	-82.94868	09/03/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-09-03.3	Suwannee River, ~ 800 m above Log Landing ramp	29.73046	-82.94718	09/03/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-09-03.8	Suwannee River circa 2.5 rkm upstream of Wannee boat ramp	29.73913	-82.9413	09/03/2014	M. Rowe, J. Holcomb, J. Williams	311020506	Middle Suwannee River
FWC2014-09-03.4	Suwannee River, ~ 500 m below Gornto Spring ramp	29.77499	-82.94147	09/03/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-09-03.5	Suwannee River, ~ 1.25 km below CR 340 bridge	29.78973	-82.93075	09/03/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-09-03.6	Suwannee River, ~ 500 m upstream of US 340 bridge	29.79861	-82.92369	09/03/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-09-03.7	Suwannee River circa Dixie/Gilchrist CR340 boat ramp	29.80035	-82.92941	09/03/2014	M. Rowe, J. Holcomb, J. Williams	311020505	Middle Suwannee River
FWC2014-09-03.1	Suwannee River, ~ 2.5 km upstream of CR 340 bridge	29.81099	-82.93382	09/03/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020505	Middle Suwannee River
FWC2014-09-04.5	Suwannee River, backwater canal at Hinton Landing park/ramp. ~ 300 meters above mouth and before split	29.55821	-82.95261	09/04/2014	M. Rowe & J. Holcomb	311020507	Lower Suwannee River
FWC2014-09-04.4	Suwannee River, ~ 1 km above Shingle Landing ramp	29.64399	-82.9569	09/04/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-09-04.3	Suwannee River, ~ 2 km above Shingle Landing ramp	29.65733	-82.95642	09/04/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-09-04.2	Suwannee River, ~ 1.25 km downstream of Hart Spring mouth	29.66665	-82.95676	09/04/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-09-04.6	Suwannee River circa 1 rkm downstream of Eula Landing boat ramp	29.70066	-82.94704	09/04/2014	M. Rowe & J. Holcomb	311020506	Middle Suwannee River
FWC2014-09-04.1	Suwannee River, ~ 150 m upstream of SW 25th St boat ramp	29.7023	-82.93827	09/04/2014	M. Rowe, J. Holcomb, & J.D. Williams	311020506	Middle Suwannee River
FWC2014-10-27.5	Suwannee River circa 2 rkm upstream of FL51 bridge boat ramp	30.09564	-83.18613	10/27/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River
FWC2014-10-27.4	Suwannee River circa 4 rkm downstream of Lafayette Blue Springs boat ramp	30.10549	-83.20627	10/27/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2014-10-27.3	Suwannee River circa Lafayette Blue Springs boat ramp	30.12451	-83.22565	10/27/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-27.2	Suwannee River circa 2.5 rkm upstream of Lafayette Blue Springs boat ramp	30.1466	-83.23235	10/27/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-27.1	Suwannee River circa Lafayette Blue Springs boat ramp	30.15702	-83.2358	10/27/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.5	Suwannee River circa Ezell Landing Rd boat ramp	30.16675	-83.23112	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.R2	Suwannee River circa 1 rkm upstream of Ezell Landing Rd. boat ramp	30.17284	-83.239	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.4	Suwannee River circa 2 rkm downstream of Ezell Landing Rd boat ramp	30.18014	-83.24684	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.R1	Suwannee River circa 3 rkm upstream of Ezell Landing Rd. boat ramp	30.18753	-83.24931	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.3	Suwannee River circa 1.5 rkm downstream of Sims Landing Rd. boat ramp	30.2127	-83.24476	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.2	Suwannee River circa Sims Landing Rd. boat ramp	30.2299	-83.24407	10/29/2014	M. Rowe & J. Holcomb	311020502	Middle Suwannee River
FWC2014-10-29.1	Suwannee River circa Lafayette/Suwannee CR250 boat ramp	30.24372	-83.25002	10/29/2014	M. Rowe & J. Holcomb	311020501	Middle Suwannee River
FWC2014-10-30.3	Suwannee River circa 3.5 rkm upstream of Lafayette CR251 boat ramp	30.06412	-83.0629	10/30/2014	M. Rowe & J. Holcomb	311020504	Middle Suwannee River
FWC2014-10-30.2	Suwannee River circa 3.5 rkm downstream of Hardenbergh boat ramp	30.08351	-83.08022	10/30/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River
FWC2014-10-30.1	Suwannee River circa 1.5 rkm downstream of Hardenbergh boat ramp	30.09082	-83.09847	10/30/2014	M. Rowe & J. Holcomb	311020503	Middle Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
NAJ2014-016	Suwannee River at US27	29.95449	-82.92901	12/04/2014	N. Johnson, J. Mcleod, M. Rowe, J. Holcomb., H. Jelks, K. Moon	311020505	Middle Suwannee River
NAJ2014-017	Suwannee River at US27	29.95449	-82.92901	12/17/2014	N. Johnson, J. Mcleod, M. Rowe, J. Holcomb., G. Mahon, C. Beaver, S. Pursifull.,	311020505	Middle Suwannee River
FWC2015-04-14.5	Santa Fe River circa High Springs boat ramp Santa Fe River ~1 rkm	29.85296	-82.60803	04/14/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-14.4	upstream of US441 bridge, ~1.4 rkm upstream of High Springs boat ramp Santa Fe River ~1.5 rkm	29.85842	-82.60101	04/14/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-14.3	downstream of the Santa Fe River Rise Santa Fe River ~700 m	29.86584	-82.59126	04/14/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-14.2	downstream of the Santa Fe River Rise Santa Fe River ~100m	29.86907	-82.5883	04/14/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-14.1	downstream of the Santa Fe River Rise	29.87316	-82.59061	04/14/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-15.3	Santa Fe River circa Poe Spring boat ramp	29.82592	-82.65004	04/15/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-15.2	Santa Fe River 1 km upstream of Poe Spring boat ramp Santa Fe River ~800 m	29.82704	-82.64425	04/15/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-15.5	upstream of Rum Island boat ramp	29.83213	-82.67181	04/15/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-15.6	Santa Fe River circa 1 km upstream of Rum Island boat ramp	29.83213	-82.67181	04/15/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-15.1	Santa Fe River ~1.3 rkm downstream of US27 bridge/boat ramp, at powerline crossing	29.83265	-82.63531	04/15/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River



Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
UF439071	Santa Fe River circa Lily Spring outflow, ~2 rkm upstream of Rum Island boat ramp	29.82991	-82.66094	04/15/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-16.4	Santa Fe River circa US27 boat ramp	29.84741	-82.6319	04/16/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-16.3	Santa Fe River circa 1.5 rkm upstream of US27 boat ramp	29.84878	-82.62192	04/16/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-16.2	Santa Fe River circa 2 rkm downstream of High Springs boat ramp	29.85361	-82.62276	04/16/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-16.1	Santa Fe River ~800 m downstream of the High Springs boat ramp	29.85808	-82.61705	04/16/2015	M. Rowe, J. Holcomb	311020605	Lower Santa Fe River
FWC2015-04-29.5	Olustee Creek circa Santa Fe River confluence	29.94416	-82.52967	04/29/2015	M. Rowe & J. Holcomb	311020604	Upper Santa Fe River
FWC2015-04-29.4	Olustee Creek circa 0.5 rkm downstream of Columbia CR18 bridge	29.94628	-82.5308	04/29/2015	M. Rowe & J. Holcomb	311020604	Upper Santa Fe River
FWC2015-04-29.3	Santa Fe River circa 1 rkm upstream of Bible Camp Road boat ramp	29.92796	-82.5499	04/29/2015	M. Rowe & J. Holcomb	311020604*	Upper Santa Fe River*
FWC2015-04-29.2	Santa Fe River circa 2.5 rkm upstream of Bible Camp Road boat ramp	29.92863	-82.53958	04/29/2015	M. Rowe & J. Holcomb	311020604*	Upper Santa Fe River*
FWC2015-04-29.1	Santa Fe River circa Olustee Creek confluence	29.94024	-82.53013	04/29/2015	M. Rowe & J. Holcomb	311020604*	Upper Santa Fe River*
FWC2015-05-01.5	Santa Fe River circa 1 rkm upstream of FL235 bridge	29.87667	-82.34393	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-01.2	Santa Fe River circa 1 rkm downstream of FL235	29.8772	-82.34714	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-01.6	Santa Fe River circa 1.5 rkm upstream of FL235 bridge	29.87786	-82.35134	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-01.1	Santa Fe River circa FL235	29.87821	-82.33821	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-01.7	Santa Fe River circa Rocky Creek confluence	29.87995	-82.3686	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-05-01.4	Santa Fe River circa 1 rkm upstream of Alachua CR1493/Bradford CR237	29.88039	-82.37589	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-01.3	Santa Fe River ~2 air km east of Alachua CR1493/Bradford CR237	29.88096	-82.36432	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-01.8	Santa Fe River circa 0.5 rkm downstream of Alachua CR1493/FL237	29.8816	-82.38141	05/01/2015	M. Rowe & J. Holcomb	311020603	Upper Santa Fe River
FWC2015-05-7.10	Suwannee River 3.5 rkm upstream of the Levy County boat ramp at Fowlers Bluff	29.41861	-83.02116	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River
FWC2015-05-7.11	Suwannee River 3rkm upstream of the Levy County boat ramp at Fowlers Bluff	29.41986	-83.02739	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River
NAJ2015-005b	Suwannee River about 11 RKM downstream of mouth of Manatee Springs	29.41986	-83.02739	05/07/2015	Tony Brady	311020508	Lower Suwannee River
NAJ2015-005a	Suwannee River about 11 RKM downstream of mouth of Manatee Springs	29.42072	-83.02613	05/07/2015	Channing St. Aubin, Melody Ray-Culp	311020508	Lower Suwannee River
FWC2015-05-7.9	Suwannee River 3rkm upstream of the Levy County boat ramp at Fowlers Bluff	29.42095	-83.02557	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River
FWC2015-05-7.6	Suwannee River 1rkm downstream of Yellow Jacket Campground / Dixie County public boat ramp	29.45495	-83.00178	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River
FWC2015-05-7.8	Suwannee River 1rkm downstream of Yellow Jacket Campground / Dixie County public boat ramp	29.45673	-83.00083	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River
NAJ2015-004	Suwannee River about 5 RKM downstream of mouth of Manatee Springs	29.45673	-83.0008	05/07/2015	Tony Brady, Larry Lockard, Channing St. Aubin, Melody Ray-Culp	311020508	Lower Suwannee River
FWC2015-05-7.7	Suwannee River 0.5rkm downstream Usher boat ramp in Manatee Springs State Park	29.46215	-82.99298	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-05-7.5	Suwannee River 0.5rkm downstream Usher boat ramp in Manatee Springs State Park	29.46219	-82.99171	05/07/2015	USFWS Dive Team	311020508	Lower Suwannee River
FWC2015-05-7.1	Suwannee River 300 m downstream boat ramp at Manatee Springs State park, Usher Landing	29.47956	-82.98483	05/07/2015	USFWS Dive Team	311020507	Lower Suwannee River
FWC2015-05-7.3	Suwannee River 20m upstream boat ramp at Manatee Springs State park, Usher Landing	29.48148	-82.98267	05/07/2015	USFWS Dive Team	311020507	Lower Suwannee River
FWC2015-05-7.2	Suwannee River directly across from the outflow of Manatee Springs State Park	29.48831	-82.98282	05/07/2015	USFWS Dive Team	311020507	Lower Suwannee River
FWC2015-05-7.4	Suwannee River directly across from the outflow of Manatee Springs State Park	29.48831	-82.98282	05/07/2015	USFWS Dive Team	311020507	Lower Suwannee River
NAJ2015-003	Suwannee River at mouth of Manatee Springs	29.48831	-82.98282	05/07/2015	Tony Brady, Larry Lockard, Channing St. Aubin, Melody Ray-Culp	311020507	Lower Suwannee River
FWC2015-05-18.5	Santa Fe River circa 2 rkm upstream of US129 boat ramp	29.91377	-82.83996	05/18/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-18.4	Santa Fe River circa 4 rkm upstream of US129 boat ramp	29.91959	-82.82569	05/18/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-18.3	Santa Fe River circa 1.5 rkm downstream of Ichetucknee River confluence	29.92939	-82.81454	05/18/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-18.2	Santa Fe Rive circa Ichetucknee River confluence	29.93202	-82.80101	05/18/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-18.6	Ichetucknee River circa Santa Fe River confluence	29.93314	-82.79926	05/18/2015	M. Rowe & J. Holcomb	311020606	Lower Santa Fe River
FWC2015-05-18.1	Ichetucknee River circa 1.5 rkm upstream of Santa Fe River confluence	29.94145	-82.79297	05/18/2015	M. Rowe & J. Holcomb	311020606	Lower Santa Fe River
FWC2015-05-19.5	Santa Fe River circa Hollingsworth Bluff boat ramp	29.87073	-82.7454	05/19/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-05-19.4	Santa Fe River circa 1.5 rkm downstream of Hollingsworth Rd boat ramp	29.87873	-82.75135	05/19/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-19.3	Santa Fe River circa 4 rkm downstream of Hollingsworth Rd boat ramp	29.89882	-82.75863	05/19/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-19.2	Santa Fe River circa 6 rkm downstream of Hollingsworth Rd boat ramp	29.90452	-82.76701	05/19/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-19.1	Santa Fe River circa 6.5 rkm upstream of Ichetucknee River confluence	29.91335	-82.77389	05/19/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-22.3	Santa Fe River circa 4 rkm upstream of Ichetucknee River confluence	29.92808	-82.7728	05/22/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-22.2	Santa Fe River circa 2.5 rkm upstream of Ichetucknee River confluence	29.92914	-82.78269	05/22/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-22.1	Santa Fe River circa 1 rkm upstream of Ichetucknee River confluence	29.93444	-82.79325	05/22/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-22.4	Santa Fe River circa 4.5 rkm downstream of Gilchrist Co NE 108th PL boat ramp	29.92336	-82.77152	05/23/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-28.4	Santa Fe River circa 2 rkm downstream of US129 boat ramp	29.89844	-82.86874	05/28/2015	M. Rowe, J. Holcomb, C. Morningstar	311020607	Lower Santa Fe River
FWC2015-05-22.5	Santa Fe River circa 4 rkm downstream of Gilchrist Co NE 108th PL boat ramp	29.91724	-82.77236	05/28/2015	M. Rowe & J. Holcomb	311020607	Lower Santa Fe River
FWC2015-05-28.3	Suwannee River circa 4 rkm downstream of US27	29.9239	-82.92542	05/28/2015	M. Rowe, J. Holcomb, C. Morningstar	311020505	Middle Suwannee River
FWC2015-05-28.2	Suwannee River circa Little River Spring outflow	29.9947	-82.96487	05/28/2015	M. Rowe, J. Holcomb, C. Morningstar	311020504	Middle Suwannee River
FWC2015-05-28.1	Suwannee River circa Troy Spring outflow	30.00841	-82.99902	05/28/2015	M. Rowe, J. Holcomb, C. Morningstar	311020504	Middle Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-06-02.1	Withlacoochee River circa Hamilton Co. public boat ramp	30.49996	-83.24249	06/02/2015	M. Rowe, J. Holcomb, C. Morningstar	311020309	Lower Withlacoochee River
FWC2015-06-03.2	Suwannee River circa 3 rkm downstream of Holton Creek confluence	30.42528	-83.07541	06/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-03.6	Suwannee River circa 1 rkm downstream of Holton Creek confluence	30.4279	-83.06206	06/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-03.1	Suwannee River circa 1 rkm downstream of Holton Creek confluence	30.42905	-83.05036	06/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-03.5	Suwannee River circa 1.5 rkm upstream of Holton Creek confluence	30.42965	-83.04305	06/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-03.3	Suwannee River circa 3 rkm upstream of Gibson Park boat ramp	30.43377	-83.07813	06/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-03.4	Suwannee River circa 2 rkm upstream of the Gibson Park boat ramp	30.44141	-83.08066	06/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-05.4	Suwannee River circa 1.5 rkm downstream of Deese Howard boat ramp	30.41775	-82.97323	06/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-05.1	Suwannee River circa 4 rkm upstream of Holton Creek confluence	30.42558	-83.02075	06/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-05.3	Suwannee River circa 3.5 rkm downstream of Deese Howard boat ramp	30.42569	-82.98747	06/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-05.5	Suwannee River circa 3.5 rkm upstream of Holton Creek confluence	30.42765	-83.02641	06/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-05.2	Suwannee River circa 3.5 rkm downstream of Deese Howard boat ramp	30.43053	-82.99707	06/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020109	Upper Suwannee River
FWC2015-06-09.1	Alapaha River circa 5 rkm downstream of Hamilton CR150 boat ramp	30.58311	-83.04317	06/09/2015	M. Rowe, J. Holcomb, C. Morningstar	311020212	Alapaha River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-06-09.3	Alapaha River circa 3 rkm downstream of Hamilton CR150 boat ramp	30.58369	-83.05872	06/09/2015	M. Rowe, J. Holcomb, C. Morningstar	311020212	Alapaha River
FWC2015-06-09.5	Alapaha River circa 4 rkm downstream of Hamilton CR150 boat ramp	30.5853	-83.05251	06/09/2015	M. Rowe, J. Holcomb, C. Morningstar	311020212	Alapaha River
FWC2015-06-09.2	Alapaha River circa 3.5 rkm downstream of Hamilton CR150 boat ramp	30.58696	-83.05485	06/09/2015	M. Rowe, J. Holcomb, C. Morningstar	311020212	Alapaha River
FWC2015-06-09.4	Alapaha River circa 1 rkm downstream of Hamilton CR150 boat ramp	30.59396	-83.06565	06/09/2015	M. Rowe, J. Holcomb, C. Morningstar	311020212	Alapaha River
FWC2015-06-10.1	Withlacoochee River circa 1 rkm upstream of Hamilton Co. Withlacoochee Public boat ramp	30.50909	-83.2425	06/10/2015	M. Rowe, J. Holcomb, C. Morningstar	311020309	Lower Withlacoochee River
FWC2015-06-10.2	Withlacoochee River circa 2 rkm upstream of Hamilton Co. Withlacoochee Public boat ramp	30.51615	-83.24133	06/10/2015	M. Rowe, J. Holcomb, C. Morningstar	311020309	Lower Withlacoochee River
FWC2015-06-10.3	Withlacoochee River circa 4 rkm upstream of Hamilton Co. Withlacoochee Public boat ramp	30.52623	-83.24398	06/10/2015	M. Rowe, J. Holcomb, C. Morningstar	311020309	Lower Withlacoochee River
FWC2015-06-10.4	Withlacoochee River circa 6.5 rkm upstream of Hamilton Co. Withlacoochee Public boat ramp	30.5432	-83.24972	06/10/2015	M. Rowe, J. Holcomb, C. Morningstar	311020309	Lower Withlacoochee River
NAJ2015-006	Suwannee River circa Ezell Landing Rd boat ramp	30.16675	-83.23112	06/12/2015	J. McLeod, K. Moon, M., Perkins M. Rowe, J.	311020502	Middle Suwannee River
FWC2015-09-14.1	Withlacoochee River circa 3.5 rkm upstream of GA31 boat ramp	30.63674	-83.34046	09/14/2015	Holcomb, C. Morningstar, J. Wisniewski, S. Pursifull	311020309	Lower Withlacoochee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-09-14.2	Withlacoochee River circa 2.25 rkm upstream of GA31 boat ramp	30.6404	-83.32908	09/14/2015	M. Rowe, J. Holcomb, C. Morningstar, J. Wisniewski, S. Pursifull	311020309	Lower Withlacoochee River
FWC2015-09-14.3	Withlacoochee River circa 1 rkm upstream of GA31 boat ramp	30.64063	-83.31918	09/14/2015	M. Rowe, J. Holcomb, C. Morningstar, J. Wisniewski, S. Pursifull	311020309	Lower Withlacoochee River
FWC2015-09-15.1	Withlacoochee River circa Clyattville-Nankin Rd	30.676	-83.39468	09/15/2015	M. Rowe, J. Holcomb, C. Morningstar, J. Wisniewski, S. Pursifull	311020308	Lower Withlacoochee River
FWC2015-09-15.2	Withlacoochee River circa 1 rkm downstream of GA133 boat ramp	30.84583	-83.35155	09/15/2015	M. Rowe, J. Holcomb, C. Morningstar, J. Wisniewski, S. Pursifull	311020308	Lower Withlacoochee River
FWC2015-09-15.4	Withlacoochee River circa 0.5 rkm downstream of GA133 boat ramp	30.84644	-83.34756	09/15/2015	M. Rowe, J. Holcomb, C. Morningstar, J. Wisniewski, S. Pursifull	311020304	Upper Withlacoochee River
FWC2015-11-03.4	Santa Fe River 1.5rkm upstream from the Worthington Springs/FL121 boat ramp	29.92202	-82.41502	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-03.6	Santa Fe River 0.8rkm upstream from the Worthington Springs/FL121 boat ramp	29.92217	-82.41988	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-03.5	Santa Fe River 1.2rkm upstream from the Worthington Springs/FL121 boat ramp	29.92228	-82.41702	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-11-03.R1	Santa Fe River 1.6rkm upstream from the Worthington Springs/FL121 boat ramp	29.92246	-82.41381	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-03.3	New River 1.0rkm upstream from the Worthington Springs/FL121 boat ramp	29.92365	-82.41843	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020602	Upper Santa Fe River
FWC2015-11-03.2	New River 1.3rkm upstream from the Worthington Springs/FL121 boat ramp	29.92535	-82.41613	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020602	Upper Santa Fe River
FWC2015-11-03.1	New River 1.6rkm upstream from the Worthington Springs/FL121 boat ramp	29.92612	-82.41421	11/03/2015	M. Rowe, J. Holcomb, C. Morningstar	311020602	Upper Santa Fe River
FWC2015-11-04.1	Santa Fe River at O'Leno State Park below swinging bridge	29.91404	-82.57936	11/04/2015	M. Rowe, J. Holcomb, C. Morningstar	311020604*	Upper Santa Fe River*
FWC2015-11-04.3	Santa Fe River 2.1rkm downstream from Bible camp Rd boat ramp	29.91735	-82.57003	11/04/2015	M. Rowe, J. Holcomb, C. Morningstar	311020604*	Upper Santa Fe River*
FWC2015-11-04.2	Santa Fe River 2.5rkm downstream from Bible camp Rd boat ramp	29.91758	-82.57431	11/04/2015	M. Rowe, J. Holcomb, C. Morningstar	311020604*	Upper Santa Fe River*
FWC2015-11-04.4	Santa Fe River 1.4rkm downstream from Bible camp Rd boat ramp	29.92052	-82.56542	11/04/2015	M. Rowe, J. Holcomb, C. Morningstar	311020604*	Upper Santa Fe River*
FWC2015-11-04.5	Santa Fe River 1.0rkm downstream from Bible camp Rd boat ramp	29.92195	-82.56347	11/04/2015	M. Rowe, J. Holcomb, C. Morningstar	311020604*	Upper Santa Fe River*
FWC2015-11-04.6	Santa Fe River 0.5rkm downstream from Bible camp Rd boat ramp	29.92311	-82.562	11/04/2015	M. Rowe, J. Holcomb, C. Morningstar	311020604*	Upper Santa Fe River*
FWC2015-11-05.2	Santa Fe River 2.4rkm upstream from the Worthington Springs/FL121 boat ramp	29.92029	-82.41189	11/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-05.3	Santa Fe River 0.5rkm upstream from the Worthington Springs/FL121 boat ramp	29.92044	-82.42156	11/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River



Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2015-11-05.4	Santa Fe River 0.3rkm upstream from the Worthington Springs/FL121 boat ramp	29.92063	-82.42406	11/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-05.R1	Santa Fe River 1.9rkm upstream from the Worthington Springs/FL121 boat ramp	29.92195	-82.41248	11/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-05.R2	Santa Fe River 1.8rkm upstream from the Worthington Springs/FL121 boat ramp	29.92226	-82.41287	11/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020603	Upper Santa Fe River
FWC2015-11-05.1	New River 1.3rkm upstream from the Worthington Springs/FL121 boat ramp	29.92535	-82.41613	11/05/2015	M. Rowe, J. Holcomb, C. Morningstar	311020602	Upper Santa Fe River
DSR1996-001a	Suwannee River, off State Route 26, in Campground at Fanning Springs	29.58854	-82.94266	01/15/1996	Ruessler, D. S.	311020507	Lower Suwannee River
NAJ2014-001	New River downstream of CR18, approx. 6 air mi. N of LaCrosse, FL	29.92663	-82.41159	05/01/2014	N. Johnson, J. Pfeiffer, M. McLeod	311020602	Upper Santa Fe River
McLeod5.27.2014	New River on FL Hwy 18, ESE of Worthington Springs.	29.92691	-82.41116	05/27/2014	J.M. McLeod, J.M. Pfeiffer III, C. Beaver	311020602	Upper Santa Fe River
NAJ2015-007	Suwannee River appx 1 km upstream of SR249 crossing Santa Fe River, Fort White,	30.44156	-83.08071	07/16/2015	N.A. Johnson, J.M. Mcleod, K.C. Moon	311020109	Upper Suwannee River
Mason1988-128	Route 47 Bridge, 1 mi Upriver	29.856788	-82.730522	08/05/1988	Mason	311020605	Lower Santa Fe River
NAJ2014-003	Suwannee River at Suwannee Canoe Outpost launch within Spirit of Suwannee Music Campground/Park, appx 7 air mi. NNE of Live Oak, FL	30.40617	-82.9492	08/08/2014	N. Johnson, J. Pfeiffer, J. McLeod	311020109	Upper Suwannee River
INVERT06639	Fanning Springs at slough at Suwannee River campground, [point estimated 7.3 air miles WSW center of Trenton], [Fanning Springs Quad].	29.58854	-82.94266	09/25/1999	N. Kernaghan	311020507	Lower Suwannee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
FWC2007-9-26	Withlacoochee River on FL Hwy 141 @ 2 air miles NNW of Ellaville	30.410014	-83.179839	09/26/2007	J. Johansen, T. Ferring	311020309	Lower Withlacoochee River
JDW2008-009	Unnamed tributary of New River on Co. Rt 235 NNE of Brooker	29.926289	-82.3145	01/17/2008	J.D. Williams	311020602	Upper Santa Fe River
Parker1991-001	Santa Fe River, 3 mi Upstream from 441 Bridge on Right Bank	29.87146	-82.58989	11/23/1991	L. Parker et al.	311020605	Lower Santa Fe River
NAJ2014-018	Suwannee River at Branford; sampled LDB between spring outflow and upper boat ramp	29.95453	-82.9288	12/22/2014	J. McLeod, T. McLeod	311020505	Middle Suwannee River
ANSP 267781	Suwannee River circa US90	30.38467	-83.17323	1950-1959	no collector recorded	311020501	Middle Suwannee River
AWT2007-002	Swift creek at Rt 41 about 3 mi NW of White Springs	30.3703	-82.7992	03/08/2007	A. Thompson	311020108	Upper Suwannee River
EPK 363-20	Suwannee River circa US90	30.38475	-83.1733	05/16/1981	E. P. Keferl	311020501	Middle Suwannee River
INVERT06641	Santa Fe River just above FL Rt. 121 bridge [Main Street] at Worthington Springs, @18 air miles NNW of Gainesville, [point estimated 0.39 miles upstream from Rt. 121 crossing], [Worthington Springs Quad].	29.925833	-82.43000031	05/18/2004	J.D. Williams	311020602	Upper Santa Fe River
INVERT06643	Santa Fe River just above the US 129- State Route 49 bridge, @ 5 air miles SE of Branford, point estimated Sandy Point, 0.35 air miles SW of 129 bridge], [Hildreth Quad].	29.90889	-82.864997864	05/21/2004	J.D. Williams	311020607	Lower Santa Fe River
JDW2008-073	Alapahoochee River upstream of Co. Hwy 376 East of Lake Parks	30.7042	-83.1199	06/06/2008	J.D. Williams, B. Butler	311020211	Alapaha River
JDW2008-072	Little River on GA Hwy 133, W of Valdosta	30.85294	-83.34671	06/06/2008	J.D. Williams, R.S. Butler	311020405	Upper Withlacoochee River

Collection Number	General locality	Latitude	Longitude	Collection date (MM/DD/YYYY)	Collector(s)	HUC_10	Subbasin
JDW2009-028	Warrior Creek on Co. Rt 486, about 5 miles N of Ellenton	31.254468	-83.575233	08/02/2009	J.D. Williams, N.A. Johnson	311020403	Upper Withlacochee River
OSUM 32903	Suwannee River about 200m upstream of US19/98	29.59184	-82.93759	prior to 1969	C.D. Nelson	311020507	Lower Suwannee River