

Supplementary Material

Table S1. The list of data references with information of fish species names, habitat type, sampling periods, and diet analysis methods. Alabama = AL, Arkansas = AR, California = CA, Florida = FL, Georgia = GA, Indiana = IN, Iowa = IA, Kansas = KS, Kentucky = KY, Louisiana = LA, Michigan = MI, Missouri = MO, Mississippi = MS, New Mexico = NM, New York = NY, Oklahoma = OK, South Carolina = SC, South Dakota =SD, Tennessee = TN, Texas = TX, Virginia = VA, Wisconsin = WI, Wyoming = WY.

Reference	Species names (Common names)	State	Water body	Latitude and Longitude (Decimal Degrees)	Aquatic Habitat	Months Sampled	Seasonal Samples (Yes/No)	Diet Method
Atmar, G.L. and Stewart, K.W. 1972. Food, feeding selectivity, and ecological efficiencies of <i>Fundulus notatus</i> (Cyprinodontidae). American Midland Naturalist 88: 76-89.	<i>Fundulus notatus</i> blackstripe topminnow	TX	Garza-Little Elm Reservoir	Lat 33.093149 Lon -96.981064	Lotic	Seasonal Means	Y	PBV
DuRant, D.F., Shireman, J.V., and R.D. Gasaway. 1979. Reproduction, growth, and food habits of Seminole killifish, <i>Fundulus seminolis</i> , from two Central Florida Lakes. American Midland Naturalist 102: 127-133.	<i>Fundulus seminolis</i> Seminole killifish	FL	Lake Wales and Star Lake	Lat 27.862207 Lon -81.696997	Lentic	Annual Monthly Means	Y	PBV
Flemer, D.A. and Woolcott, W.S. 1966. Food habits and distribution of the fishes of Tuckahoe Creek, Virginia, with special emphasis on the bluegill, <i>Lepomis m. macrochirus</i> Rafinesque. Chesapeake Science 7: 75-89.	<i>Lepomis macrochirus</i> Bluegill	VA	Tuckahoe Creek	Lat 37.543295 Lon -77.469563	Lotic	Annual Seasonal Means	Y	PBA
Hambrick, P.S. and Hibbs, R.G. Jr. 1977. Feeding chronology and food habits of the blacktail shiner, <i>Notropis venustus</i> (Cyprinidae), in Bayou Sara, Louisiana. The Southwestern Naturalist 22, 511 – 516.	<i>Cyprinella venusta</i> Blacktail Shiner	LA	Bayou Sara	Lat 30.846528 Lon -91.388261	Lentic	April and June	Y	PBV
Harrington, R.W. and Harrington, E.S. 1972. Food of female marsh killifish, <i>Fundulus confluentus</i> Goode and Bean, in Florida. American Midland Naturalist 87: 492-502.	<i>Fundulus confluentus</i> Marsh killifish	FL	Non-specific wetlands in Central FL	Lat 27.690877 Lon -80.602833	Lentic	Seasonal Means	Y	PBV
Heins, D.C. and Clemmer, G.H. 1975. Ecology, foods and feeding of the longnose shiner, <i>Notropis longirostris</i> (Hay), in Mississippi. American Midland Naturalist 94, 284 – 295.	<i>Notropis longirostris</i> Longnose shiner	MS	Catahoula Creek and Jourdan River	Lat 30.385738 Lon -89.519773	Lotic	Seasonal Means	Y	PBV

Hill, T.D., Duffy, W.G., and M.R. Thompson. 1995. Food habits of channel catfish in Lake Oahe, South Dakota. <i>Journal of Freshwater Ecology</i> 10 , 319 – 323.	<i>Ictalurus punctatus</i> Channel catfish	SD	Lake Oahe	Lat 44.797690 Lon -100.717444	Lentic	Spring and Summer	Y	PBA, PBM
Holder, D.S., and Powers, S.L. 2010. Life-history aspects of the rainbow shiner, <i>Notropis chrosomus</i> (Teleostei: Cyprinidae), in Northern Georgia. <i>Southeastern Naturalist</i> 9 , 347 – 358.	<i>Notropis chrosomus</i> Rainbow shiner	GA	Etowah River	Lat 34.246858 Lon -84.48735	Lotic	Annual Monthly Means	Y	PBA
Kerns, H.A. and Bonneau, J.L. 2002. Aspects of the life history and feeding habits of the Topeka shiner (<i>Notropis topeka</i>) in Kansas. <i>Transactions of the Kansas Academy of Science</i> 105 : 125-142.	<i>Notropis topeka</i> Topeka shiner	KS	Mill Creek	Lat 37.863784 Lon -96.848699	Lotic	Annual Means	Y	PBA, PBV
Lachner, E.A. 1950. Food, growth, and habits of fingerling northern smallmouth bass, <i>Micropterus dolomieu dolomieu</i> Lacépède, in trout waters of Western New York. <i>The Journal of Wildlife Management</i> 14 , 50 – 56.	<i>Micropterus dolomieu</i> Smallmouth bass	NY	East Koy Creek	Lat 42.826514 Lon -78.089776	Lotic	August Only	N	PBV
Layher, W.G. and Bole, R.J. 1980. Food habits of the flathead catfish, <i>Pylodictis olivaris</i> (Rafinesque), in relation to length and season in a large Kansas reservoir. <i>Transactions of the Kansas Academy of Sciences</i> 83 , 200 – 214.	<i>Pylodictis olivaris</i> Flathead catfish	KS	Milford Reservoir	Lat 39.133859 Lon -96.907994	Lentic	April through November	Y	PBV
Markle, D.F., and Grant, G.C. 1970. The summer food habits of young-of-the year striped bass in three Virginia Rivers. <i>Chesapeake Science</i> 11 , 50-54.	<i>Morone saxatilis</i> Striped bass	VA	James, York, and Rappahannock Rivers	Lat 37.943223 Lon -77.173692	Lotic	Seasonal Means	Y	PBV
Marsh, P.C. 1981. Food of channel catfish in the Coachella Canal, California. <i>Journal of the Arizona-Nevada Academy of Science</i> 16 , 91 – 95.	<i>Ictalurus punctatus</i> Channel catfish	CA	Coachella Canal	Lat 33.832991 Lon -116.543207	Lotic	November Only	N	PBM
Mathur, D. 1977. Food habits and competitive relationships of the bandfin shiner in Halawakee Creek, Alabama. <i>American Midland Naturalist</i> 97 :89-100.	<i>Luxilus zonistius</i> Bandfin shiner	AL	Halawakee Creek	Lat 32.743303 Lon -85.290091	Lotic	April and September	Y	PBV
Mathur, D. and Ramsey, J.S. 1974. Food habits of the rough shiner, <i>Notropis bayleyi</i> Suttkus and Raney, in Halawakee Creek, Alabama. <i>American Midland Naturalist</i> 92 , 84–93.	<i>Notropis bayleyi</i> Rough shiner	AL	Halawakee Creek	Lat 32.743303 Lon -85.290091	Lotic	April and September	Y	PBV
Mayden, R.L., Burr, B.M., and S.L. Dewey. 1980. Aspects of the life history of the Ozark madtom, <i>Noturus albater</i> , in Southeastern Missouri (Pices: Ictaluridae). <i>American Midland Naturalist</i> 104 , 335 – 340.	<i>Noturus albater</i> Ozark madtom	MO	Several sites in Ozark region of Southwestern, MO	Lat 37.140340 Lon -93.813986	Lotic	April Only	N	PBA
Mendelson, J. 1975. Feeding relationships among species of <i>Notropis</i> (Pisces: Cyprinidae) in a Wisconsin stream. <i>Ecological Monographs</i> 45 : 199-232.	<i>Notropis dorsalis</i> Bigmouth shiner <i>Notropis stramineus</i> Sand shiner <i>Cyprinella spiloptera</i> Spotfin shiner <i>Notropis atherinoides</i> Emerald shiner	WI	Roxbury Creek	Lat 43.270799 Lon -89.727350	Lotic	Annual Means	Y	PBA

Murphy, G.W., Newcomb, T.J., D. Orth, and S. Reeser. 2005. Food habits of selected fish species in the Shenandoah River Basin, Virginia. Proceedings of the Annual Conference of Southeastern Association of Fish and Wildlife Agencies 59: 325-335.	<i>Catostomus commersonii</i> White sucker <i>Micropterus dolomieu</i> Smallmouth bass <i>Lepomis aurius</i> Redbreast sunfish	VA	Shenandoah River	Lat 38.532380 Lon -78.279613	Lotic	Annual Monthly Means	Y	PBM
O'Kelley, C.T. and Powers, S.L. 2007. Life history aspects of <i>Hypentelium etowanum</i> (Alabama hog sucker) (Actinopterygii: Catostomidae) in Northern Georgia. Southeastern Naturalist 6: 479-490.	<i>Hypentelium etowanum</i> Alabama hogsucker	GA	Shoal and Moore Creeks	Lat 34.154437 Lon -84.655355	Lotic	Annual Monthly Means	Y	PBM
Paterson, G., Drouillard, K.G., and G.D. Haffner. 2006. Quantifying resource partitioning in Centrarchids with stable isotope analysis. Limnology and Oceanography 51, 1038 – 1044.	<i>Ambloplites rupestris</i> Rock bass <i>Lepomis macrochirus</i> Bluegill	MI	Lake St. Claire	Lat 42.453284 Lon -82.698970	Lentic	October Only	N	PBA
Phillips, E. and Kilambi, R.V. 1996. Food habits of four benthic fish species (<i>Etheostoma spectabile</i> , <i>Percina caprodes</i> , <i>Noturus exilis</i> , <i>Cottus carolinae</i>) from northwest Arkansas streams. The Southwestern Naturalist 41, 69 – 73.	<i>Cottus carolinae</i> Banded sculpin <i>Noturus exilis</i> Slender madtom <i>Percina caprodes</i> Logperch	AR	Non-specific streams in Northwest Arkansas	Lat 35.973995 Lon -93.859952	Lotic	Annual Monthly Means	Y	PBA
Quist, M.C., Bower, M., and W.A. Hubert. 2006. Summer food habits and trophic overlap of roundtail chub and creek chub in Muddy Creek, Wyoming. The Southwestern Naturalist 51: 22-27.	<i>Semotilus atromaculatus</i> Creek chub <i>Gila robusta</i> Roundtail chub	WY	White River	Lat 41.045459 Lon -107.641675	Lotic	July Only	N	PBM
Reisen, W.K. 1972. The influence of organic drift on the food habits and life history of the yellowfin shiner, <i>Notropis lutipinnis</i> (Jordan and Brayton). American Midland Naturalist 88: 376-383.	<i>Notropis lutipinnis</i> Yellowfin shiner	SC	Praters Creek	Lat 34.883690 Lon -82.697268	Lotic	Annual Means	Y	PBM
Ryon, M.G. 1986. The life history of <i>Etheostoma trisella</i> (Pisces: Percidae). American Midland Naturalist 115: 73-86.	<i>Etheostoma trisella</i> Trispot darter	GA, TN	Conasauga River	Lat 34.982186 Lon -84.984638	Lotic	Annual Seasonal Means	Y	PBA
Scalet, C.G. 1977. Summer food habits of sympatric stream populations of spotted bass and largemouth bass. The Southwestern Naturalist 21, 493 – 501.	<i>Micropterus punctulatus</i> Spotted bass <i>Micropterus salmoides</i> Largemouth bass	OK	Blue River, Canyon, Little Fast Blue, Pennington Creeks	Lat 34.786421 Lon -96.648739	Lotic	Summer Only	N	PBV
Scott, J.H. and Mayden, R.L. 2008. Life history of the tricolor shiner, <i>Cyprinella trichroistia</i> (Teleostei: Cyprinidae), in Alabama. Southeastern Naturalist 7:69-80.	<i>Cyprinella trichroistia</i> Tricolor shiner	AL	Coosa River system	Lat 33.274104 Lon -85.844686	Lotic	Annual Means	Y	PBA
Starnes, L.B. and Starnes, W.C. 1985. Ecology and life history of the mountain madtom, <i>Noturus eleutherus</i> (Pisces:Ictaluridae). American Midland Naturalist 114, 331 – 341.	<i>Cottus carolinae</i> Banded sculpin <i>Etheostoma blennioides</i> Greenside darter <i>Etheostoma rufilineatum</i> Redline darter	TN	Little River	Lat 35.726905 Lon -83.712965	Lotic	Annual Monthly Means	Y	PBA

	<i>Noturus eleutherus</i> Mountain madtom							
Starrett, W.C. 1950. Food relationships of the minnows of the Des Moines River, Iowa. Ecology 31 , 216 – 233.	<i>Camptostoma anomalum</i> Mexican stoneroller <i>Hybognathus hankinsoni</i> Brassy minnow <i>Phenacobius mirabilis</i> Suckermouth minnow <i>Pimephales notatus</i> Bluntnose minnow <i>Pimephales promelas</i> Fathead minnow <i>Pimephales vigilax</i> Bullhead minnow <i>Notropis stramineus</i> Sand shiner <i>Macrhybopsis aestivalis</i> Speckled chub <i>Semotilus atromaculatus</i> Creek chub <i>Notropis dorsalis</i> Bigmouth shiner <i>Luxilus cornutus</i> Common shiner <i>Notropis rubellus</i> Rosyface shiner <i>Cyprinella spiloptera</i> Spotfin shiner	IA	Iowa River	Lat 42.089894 Lon -93.989465	Lotic	Annual Seasonal Means	Y	PBV
Sutton, T.M. and Ney, J. 2002. Trophic resource overlap between age-0 striped bass and largemouth bass in Smith Lake, Virginia. North American Journal of Fisheries Management 22 , 1250 – 1259.	<i>Morone saxatilis</i> Striped bass <i>Micropterus salmoides</i> Largemouth bass	VA	Smith Mountain Lake	Lat 37.060571 Lon -79.604015	Lentic	Seasonal Means	Y	PBM
Tarter, D.C. 1970. Food and feeding habits of western blacknose dace, <i>Rhinichthys atratulus meleagris</i> , in Doe Run, Made County, Kentucky. American Midland Naturalist 83 , 134 – 159.	<i>Rhinichthys atratulus meleagris</i> Blacknose dace	KY	Doe Run	Lat 37.961246 Lon -86.214692	Lotic	Annual Monthly Means	Y	PBV
VanderKooy, K.E., Rakocinski, C., and R.W. Heard. 2000. Trophic relationships of three sunfishes (<i>Lepomis</i> spp.) in an estuarine bayou. Estuaries 23 : 621 - 632.	<i>Lepomis microlophus</i> Redear Sunfish <i>Lepomis miniatus</i> Redspotted sunfish <i>Lepomis macrochirus</i> Bluegill	MS	Davis Bayou	Lat 30.394769 Lon -88.811627	Lentic	Seasonal Means	Y	PBA
Vives, S.P. 1987. Life history of <i>Etheostoma punctulatum</i> (Pisces: Percidae) in Northeastern Oklahoma. Southwestern Naturalist 32 : 439-447.	<i>Etheostoma punctulatum</i> Stippled darter	OK	Flint Creek	Lat 36.177080 Lon -94.740602	Lotic	Annual Seasonal Means	Y	PBA

Wallace, D.C. 1976. Feeding behavior and developmental, seasonal and diel changes in the food of the silverjaw minnow, <i>Ericymba buccata</i> Cope. American Midland Naturalist 95, 361-376.	<i>Ericymba buccata</i> Silverjaw minnow	IN	Otter Creek	Lat 39.416538 Lon -87.415424	Lotic	Annual Means	Y	PBA, PBV
Whitaker, J.O., Jr. 1977. Seasonal changes in food habits of some Cyprinid fishes from the white river at Petersburg, Indiana. American Midland Naturalist 97: 411-418.	<i>Pimephales vigilax</i> Bullhead minnow <i>Cyprinella spiloptera</i> Spotfin shiner <i>Notropis girardi</i> Arkansas River shiner <i>Notropis atherinoides</i> Emerald shiner <i>Cyprinella whipplei</i> Steelcolor shiner <i>Cyprinella spiloptera</i> Spotfin shiner <i>Notropis girardi</i> Arkansas River shiner <i>Cyprinella whipplei</i> Steelcolor shiner	IN	White River	Lat 38.489953 Lon -87.279348	Lotic	Annual Monthly Means	Y	PBV
White, D.S. and Haag, K.H. 1977. Foods and feeding habits of the spotted sucker, <i>Minytrema melanops</i> (Rafinesque). American Midland Naturalist 98: 137-146.	<i>Minytrema melanops</i> Spotted sucker	KY, OK	Several streams within Meade Co, KY and Delaware Co, OK	Lat 38.199355 Lon -85.823061 AND Lat 36.423332 Lon -94.813606	Lotic	Annual Seasonal Means	Y	PBA, PBV
Wilde, G.R., Bonner, T.H., and P. Zwank. 2001. Diets of the arkansas river shiner and peppered chub in the Candadian River, New Mexico and Texas. Journal of Freshwater Ecology 16: 403-410	<i>Macrhybopsis tetranema</i> Peppered chub <i>Notropis girardi</i> River shiner	TX, NM	Canadian River	Lat 35.217934 Lon -101.786723	Lotic	Annual Monthly Means	Y	PBM
Williams, C.S., and Bonner, T.H. 2006. Habitat associations, life history and diet of the Sabine shiner <i>Notropis sabinæ</i> in an east Texas drainage. American Midland Naturalist 155, 84 – 102.	<i>Notropis sabinæ</i> Sabine shiner	TX	Banita Creek and LaNana Bayou	Lat 31.629594 Lon -94.661882	Lotic	Annual Monthly Means	Y	PBM