

Occurrence of Federally Listed Aquatic Invertebrates in Indiana

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Federally Listed Aquatic Invertebrate Species Map Narrative - This database includes records I have for the federally endangered clubshell, eastern fanshell, fat pocketbook and rough pigtoe. Also included are records for the official federal candidate species sheepsnose and rayed bean. All other federally endangered mussel species native to Indiana are extinct, extirpated or functionally extirpated (meaning that there are no longer any reproducing populations).

Each database entry includes the stream, county and latitude/longitude where each species resides, and the best condition it was found. I have only included records where these species have either been found live or as fresh dead shells. These are the areas where there are still populations or at least the best chance for there being populations.

If the federally listed mussel records are mapped, the following sections of the state become important habitat areas: Fish Creek, Dekalb County; the St. Joseph River, Dekalb and Allen counties; Sugar Creek, Johnson County; the entire Tippecanoe River, including Lake Maxincuckee (Marshall County), from Kosciusko County downstream to Tippecanoe County; the upper Wabash River in several counties from Wabash County to Tippecanoe County; the East Fork White River, from Lawrence County downstream to Davies/Pike County; the lower Wabash River from Knox County downstream to Posey County. I also have records from several counties along the Ohio River. Ideally these entire watersheds should be protected at the highest level.

List of Federally Listed and Candidate Mussel Habitat Counties in Indiana

ALLEN	KNOX	SPENCER
BARTHOLOMEW	KOSCIUSKO	STARKE
CARROLL	LAWRENCE	STEUBEN
DAVISS	MARSHALL	SULLIVAN
DEKALB	MARTIN	SWITZERLAND
DUBOIS	PERRY	TIPPECANOE
FULTON	PIKE	VANDEBURGH
GIBSON	POSEY	WABASH
HARRISON	PULASKI	WARRICK
JEFFERSON	SHELBY	WHITE
JOHNSON		