



**Fisheries Bulletin
of the Kentucky
Department of Fish
and Wildlife
Resources**

**Muskellunge Fishery Investigation
in the Licking River**

*by
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Table 31. Unionid mussels known to occur in the Licking River drainage^a.

Species ^b	Common name ^b	Status ^c	
		KAS-KNPC	Federal
<i>Actinonaias ligamentina</i> *	Mucket		
<i>Alasmidonta marginata</i> *	Elktoe	T	
<i>A. viridis</i>	Slippershell mussel		
<i>Amblema p. plicata</i> *	Three-ridge		
<i>Anodonta grandis</i> *	Giant floater		
<i>A. imbecillis</i> ^d	Paper pondshell		
<i>Anodontoides ferussacianus</i>	Cylindrical papershell		
<i>Cyclonaias tuberculata</i> *	Purple wartyback		
<i>Cyprogenia stegaria</i>	Fanshell	T	C2
<i>Ellipsaria lineolata</i> *	Butterfly		
<i>Elliptio crassidens</i>	Elephant-ear		
<i>E. dilatata</i> *	Spike		
<i>Epioblasma torulosa rangiana</i> ^{d*}	Northern riffleshell	E	
<i>E.t. torulosa</i>	Tubercled blossom	E	E
<i>E. triquetra</i> *	Snuffbox	S	
<i>Fusconaia ebena</i> ^d	Ebonysell		
<i>F. flava</i> *	Wabash pigtoe		
<i>F. subrotunda</i> *	Long-solid	T	
<i>Lampsilis cardium</i> *	Plain pocketbook		
<i>L. fasciola</i> *	Wavy-rayed lampmussel		
<i>L. siliquioidea</i> *	Fatmucket		
<i>L. teres</i> *	Yellow sandshell		
<i>Lasmigona c. complanata</i> *	White heelsplitter		
<i>L. costata</i> *	Fluted-shell		
<i>Leptodea fragilis</i> *	Fragile papershell		
<i>Ligumia recta</i>	Black sandshell		
<i>Megalonaias nervosa</i> *	Washboard		
<i>Obliquaria reflexa</i> *	Threehorn wartyback		
<i>Obovaria subrotunda</i> *	Round hickorynut		
<i>Plethobasus cyphus</i> *	Sheepnose	S	
<i>Pleurobema clava</i>	Clubshell	E	C2
<i>P. coccineum</i> *	Round pigtoe		
<i>P. cordatum</i> ^d	Ohio pigtoe		
<i>P. plenum</i>	Rough pigtoe	E	E
<i>P. pyramidatum</i>	Pyramid pigtoe	E	C2
<i>Potamilus alatus</i> *	Pink heelsplitter		
<i>P. ohioensis</i>	Pink papershell		
<i>Ptychobranchnus fasciolaris</i> *	Kidneyshell		
<i>Quadrula c. cylindrica</i>	Rabbitsfoot	E	C2
<i>Q. fragosa</i> **	Winged mapleleaf	E	C2
<i>Q. metanevra</i> *	Monkeyface		
<i>Q. nodulata</i>	Wartyback		
<i>Q. p. pustulosa</i> *	Pimpleback		
<i>Q. quadrula</i> *	Mapleleaf		
<i>Simpsonaias ambigua</i>	Salamander mussel	T	C2
<i>Strophitus undulatus</i> *	Squawfoot		
<i>Toxolasma parvus</i>	Lilliput		
<i>Tritogonia verrucosa</i> *	Pistolgrip		

ole 31 continued.

Species ^b	Common name ^b	Status ^c	
		KAS-KNPC	Federal
<i>Truncilla donaciformis</i>	Fawnsfoot		
<i>T. truncata</i> *	Deertoe		
<i>Villosa fabalis</i> ^d	Rayed bean	E	C2
<i>V. iris</i>	Rainbow		
<i>V. lienosa</i> *	Little spectaclecase	S	

primarily from Schuster (1987).
 Species and common names from Turgeon et al. 1988.
 Warren et al (1986). E - Endangered, T - Threatened, S - Special Concern,
 - Status review (USFWS 1985).
 Additional species from Licking River recognized by Kentucky Nature Preserves
 Commission.
 Problematical.
 List of mussels from a riffle near Moores Ferry (Bath and Rowan counties)
 provided by Ronald R. Cicerello, Kentucky Nature Preserves Commission.

- Pfieger, W.L. 1975. The fishes of Missouri. Missouri Department of Conservation, Jefferson City, Missouri.
- Prather, K.W. 1985. Muskellunge streams investigation in Middle Fork and North Fork Kentucky River drainages and upper Licking River. Kentucky Department of Fish and Wildlife Resources. Fisheries Bulletin No. 78:66 pp.
- Robins, C.R. R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Lea, and W.B. Scott. 1980. A list of common and scientific names of fishes from the United States and Canada, Fourth edition. American Fisheries Society Special Publication 12:1-174.
- * Schuster, G.A. 1987. The distribution of unionids (Mollusca: Unionidae) in Kentucky. Eastern Kentucky University, Richmond, Kentucky and Kentucky Department of Fish and Wildlife Resources, Frankfort, Kentucky.
- Smith, G.R. and R.F. Stearly. 1989. The classification and scientific names of rainbow and cutthroat trouts. Fisheries 14:4-10.
- Stauffer, J.R., Jr., B.M. Burr, C.H. Hocutt, and R.E. Jenkins. 1982. Checklist of the fishes of the central and northern Appalachian mountains. Proceedings of the Biological Society of Washington 95:27-47.
- Swink, W.D. and K.E. Jacobs. 1983. Influence of a Kentucky flood-control reservoir on the tailwater and headwater fish populations. North American Journal of Fisheries Management 3:197-203.
- Tompkins, W.A. and N.M. Peters. 1952. An evaluation of the fisheries of the Licking River drainage basin, with special reference to related aspects of pollution. Kentucky Department of Fish and Wildlife Resources, Special Report 101:20 pp.
- Trautman, M.B. 1981. The fishes of Ohio. Ohio State University Press, Columbus, Ohio.
- Turgeon, D.D., A.E. Bogan, E.V. Coan, W.K. Emerson, W.G. Lyons, W.L. Pratt, C.F.E. Roper, A. Scheltema, F.G. Thompson, and J.D. Williams. 1988. Common and scientific names of aquatic invertebrates from the United States and Canada: Mollusks. American Fisheries Society Special Publication 16:277 pp.
- United States Army Corps of Engineers. 1981. Water resources development in Kentucky 1981. United States Army Corps of Engineers, Louisville, Kentucky.
- United States Fish and Wildlife Service. 1985. Endangered and threatened wildlife and plants, review of vertebrate wildlife. Federal Register 50:37958-37967.
- United States Fish and Wildlife Service. 1987. Endangered and threatened wildlife and plants. United States Department of Interior, Washington, District of Columbia.
- Warren, M.L., Jr. and R.R. Cicerello. 1983. Drainage records and conservation