

TABLE S4. References of the black spot disease occurrence in the fish species sampled our study system. *Ameiurus nebulosus* and *Esox masquinongy* have no mention of black spot disease. This table is not an exhaustive review.

	Black spot trematode species	References
<i>Lepomis gibbosus</i>	<i>Uvulifer ambloplitis</i>	Krull, 1934
	<i>Apophallus brevis</i>	Cone & Anderson, 1977
	Unknown	Steedman, 1991
<i>Ambloplites ruspestris</i>	<i>Uvulifer ambloplitis</i>	Berra & Au, 1978
	Unknown	Steedman, 1991
<i>Ameiurus nebulosus</i>	NA	No mention
<i>Esox masquinongy</i>	NA	No mention
<i>Luxilus cornutus</i>	Unknown	Steedman, 1991; Hoffman, 1956
<i>Chrosomus eos x Chrosomus neogaeus</i>	Unknown	Paradis & Chapleau, 1994
<i>Pimephales notatus</i>	<i>Uvulifer ambloplitis</i>	Berra & Au, 1978
	Unknown	McAllister et al., 2013; Steedman, 1991; Hockett & Mundahl, 1989
<i>Pimephales promelas</i>	<i>Crassiphiala bulboglossa</i>	Vaughan & Coble, 1975; Wisenden et al., 2012
	<i>Uvulifer ambloplitis</i>	Berra & Au, 1978
	Unknown	Steedman, 1991
<i>Rhinichthys atratulus</i>	<i>Uvulifer ambloplitis</i>	Berra & Au, 1978
	Unknown	Steedman, 1991
<i>Semotilus atromaculatus</i>	<i>Uvulifer ambloplitis</i>	Berra & Au, 1978
	Unknown	McAllister et al., 2013; Sttedman,1991; Happel, 1991
	<i>Crassiphiala bulboglossa</i>	Krause et al., 1999; Hoffman, 1956
<i>Catostomus commersoni</i>	<i>Uvulifer ambloplitis</i>	Berra & Au, 1978
	Unknown	Steedman, 1991
<i>Umbra limi</i>	<i>Crassiphiala bulboglossa</i>	Hoffman, 1956
<i>Fundulus diaphanus</i>	<i>Crassiphiala bulboglossa</i>	Krause et al., 1999
<i>Micropterus dolomieui</i>	<i>Uvulifer ambloplites</i>	Berra & Au, 1978; Hunter & Hunter, 1938
<i>Perca flavescens</i>	<i>Crassiphiala bulboglossa</i>	Hoffman, 1956
	Unknown	Vaughan & Coble, 1975