

Ohio's Crayfish Species of Greatest Conservation Need

The conservation status (rank) for each species represents input from professionals in crayfish taxonomy, distribution, and abundance. This table is the result of technical questionnaires, workshops and reviews (see chapter Ohio's Approach to Meeting the Eight Required Elements). This table represents the best professional knowledge available at this time, and as such is subject to modification as additional data is obtained.

Conservation Status Rank*	Common Name	Scientific Name	Species Listing		Habitat Association	Rangewide Occurrence	Statewide Occurrence	Ohio Population Trend
			Fed	State				
1	Teays River Crayfish	<i>Cambarus sciotensis</i>			M	E	C	D
2	Norwood River Crayfish	<i>Orconectes raymondi</i>			M	E	D	D
3	Devil Crayfish	<i>Cambarus diogenes</i>			N	B	D	D
4	Northern Clearwater Crayfish	<i>Orconectes propinquus</i>			K, N	B	C	D
5	Digger Crayfish	<i>Fallicambarus fodiens</i>			C	B	B	D
6	Sanborn's Crayfish	<i>Orconectes sanbornii</i>			K, M, N	A	A	D
7	Big Water Crayfish	<i>Cambarus robustus</i>			K, M	A	B	D
8	Paintedhand Mudbug	<i>Cambarus polychromatus</i>			K, M, N	B	B	D
9	Little Brown Mudbug	<i>Cambarus thomai</i>			K, M, N	A	A	S
10	Ortman's Mudbug	<i>Cambarus ortmanni</i>			N	A	B	D
11	Spiney Stream Crayfish	<i>Orconectes cristavarius</i>			M, N	B	D	D
12	Cave Spring Crayfish	<i>Cambarus tenebrosus</i>		T	N	B	D	D
13	Red Swamp Crayfish	<i>Procambarus clarkii</i>			C, J	C	D	I
13	Papershell Crayfish	<i>Orconectes immunis</i>			K, N	B	B	S
13	Virile Crayfish	<i>Orconectes virilis</i>		SC	K, N	B	D	I
16	Appalachian Brook Crayfish	<i>Cambarus bartonii cavatus</i>			K, M, N	A	B	D
17	White River Crayfish	<i>Procambarus acutus</i>			K, M, N	B	B	D
18	Rusty Crayfish	<i>Orconectes rusticus</i>			J, K, L, M, O	A	A	I
19	Rock Crawfish	<i>Cambarus carinirostris</i>			N	B	D	S
20	Sloan's Crayfish	<i>Orconectes sloanii</i>		T	N	E	D	S
21	Allegheny Crayfish	<i>Orconectes obscurus</i>		SC	M	B	C	D

* Rank derived from Conservation Status Score calculated using Millsap et al. (1990) modified for Ohio

Habitat Association Key

A = grassland
B = forest
C = wetlands
D = caves & mines
E = oak savannahs
F = Lake Erie islands
G = boreal communities
H = riparian corridors
I = artificial/man-made environments
J = Lake Erie
K = Lake Erie Tributaries
L = Ohio River
M = Ohio River Tributaries
N = headwater and small inland streams
O = man-made lakes and ponds
P = natural lakes
Q = generalist

Statewide Occurrence Key

A = broadly distributed (>30 counties)
B = common (11-29 counties)
C = uncommon (6-10 counties)
D = rare (<5 counties)
E = unknown

Rangewide Occurrence Key

A = extensive range (multiple states/Canada) – which includes Ohio
B = periphery of range is in Ohio
C = disjunct from main portion of its range; occurs in Ohio
D = center of range in/near Ohio
E = very limited range with most of its rangewide population occurring in Ohio

Ohio Population Trend Key

D = decreasing
I = increasing
S = stable
U = unknown

Species Listing Key

E = endangered
T = threatened
SC = species of concern
SI = species of interest
EX = extirpated