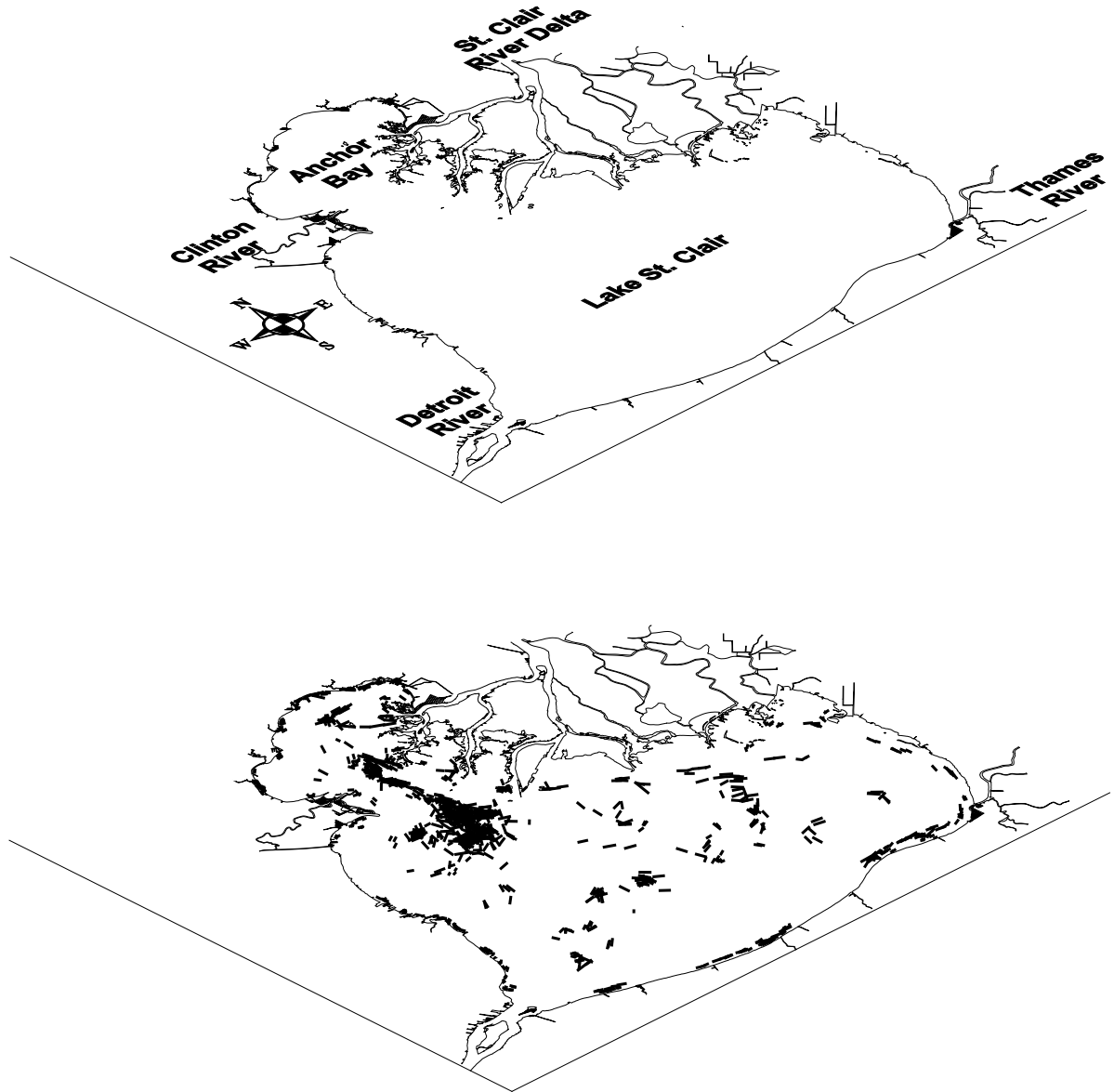


Appendix 1.—Common and scientific names of fishes and aquatic organisms found in Lake St. Clair mentioned in this report, with spatial distribution category and map appendix number. Spatial distribution based on densities in trawl surveys where W=widespread, C=common, U=uncommon, and R=rare.

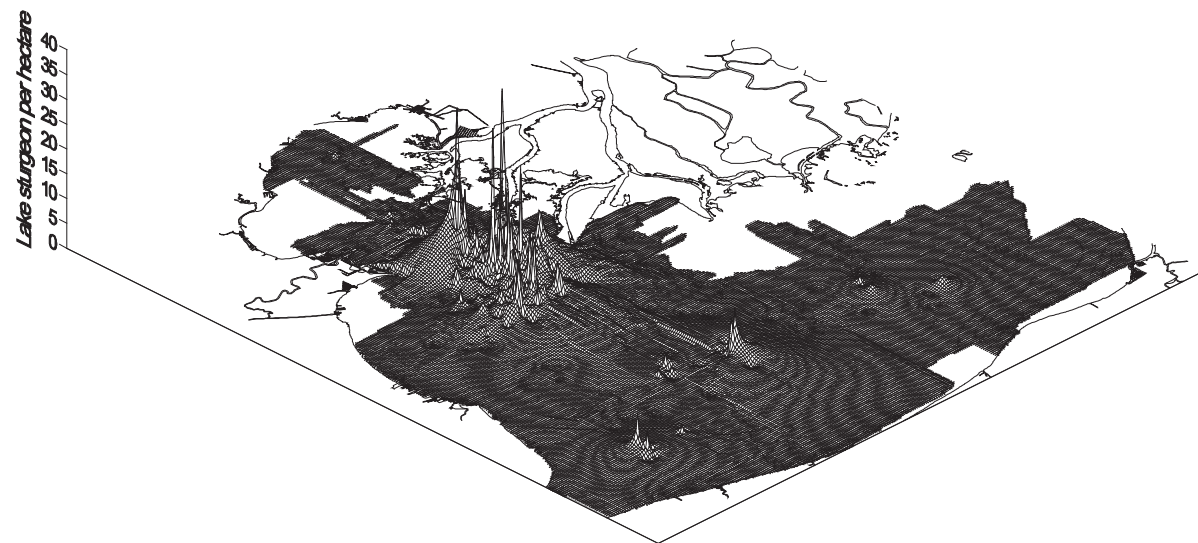
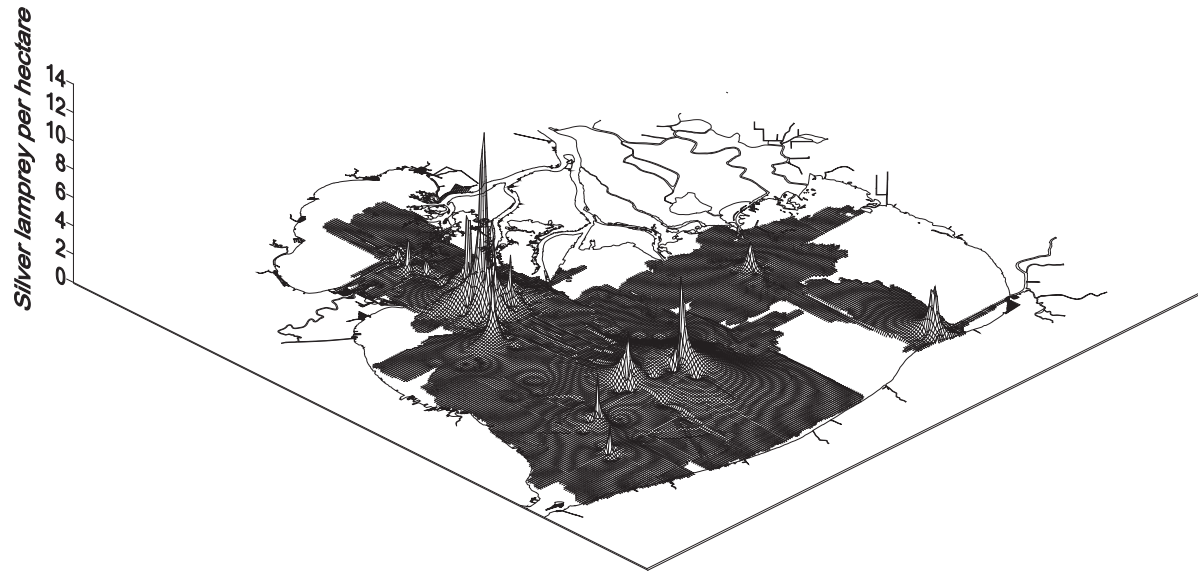
Common name	Scientific name	Spatial distribution	Spatial distribution map
Alewife	<i>Alosa pseudoharengus</i>	W	Appendix 4
Banded killifish	<i>Fundulus diaphanus</i>	U	Appendix 9
Black bullhead	<i>Ameiurus melas</i>	R	Appendix 6
Black crappie	<i>Pomoxis nigromaculatus</i>	U	Appendix 23
Blackside darter	<i>Percina maculata</i>	R	Appendix 26
Bluegill	<i>Lepomis macrochirus</i>	C	Appendix 22
Bluntnose minnow	<i>Pimephales notatus</i>	C	Appendix 19
Brindled madtom	<i>Noturus miurus</i>	U	Appendix 9
Brook silverside	<i>Labidesthes sicculus</i>	C	Appendix 31
Brook stickleback	<i>Culaea inconstans</i>	R	Appendix 10
Brown bullhead	<i>Ameiurus nebulosus</i>	R	Appendix 7
Channel catfish	<i>Ameiurus punctatus</i>	C	Appendix 7
Channel darter	<i>Percina copelandi</i>	R	Appendix 25
Common carp	<i>Cyprinus carpio</i>	W	Appendix 13
Creek chub	<i>Semotilus atromaculatus</i>	R	Appendix 20
Eastern sand darter	<i>Ammocrypta pellucida</i>	U	Appendix 24
Emerald shiner	<i>Notropis atherinoides</i>	W	Appendix 17
Freshwater drum	<i>Aplodinotus grunniens</i>	W	Appendix 12
Gizzard shad	<i>Dorosoma cepedianum</i>	C	Appendix 4
Golden redhorse	<i>Moxostoma erythrurum</i>	U	Appendix 16
Goldfish	<i>Carassius auratus</i>	R	Appendix 13
Green sunfish	<i>Lepomis cyanellus</i>	R	Appendix 21
Greenside darter	<i>Etheostoma blennioides</i>	R	—
Hornyhead chub	<i>Nocomis biguttatus</i>	R	Appendix 20
Iowa darter	<i>Etheostoma exile</i>	R	Appendix 25
Johnny darter	<i>Etheostoma nigrum</i>	W	Appendix 27
Lake sturgeon	<i>Acipenser fulvescens</i>	C	Appendix 3
Lake whitefish	<i>Coregonus clupeaformis</i>	R	Appendix 12
Largemouth bass	<i>Micropterus salmoides</i>	W	Appendix 23
Northern logperch	<i>Percina caproides</i>	W	Appendix 28
Longnose gar	<i>Lepisosteus osseus</i>	R	—
Mimic shiner	<i>Notropis volucellus</i>	W	Appendix 19
Mooneye	<i>Hiodon tergisus</i>	R	—
Muskellunge	<i>Esox masquinongy</i>	C	Appendix 6

Appendix 1.—Continued.

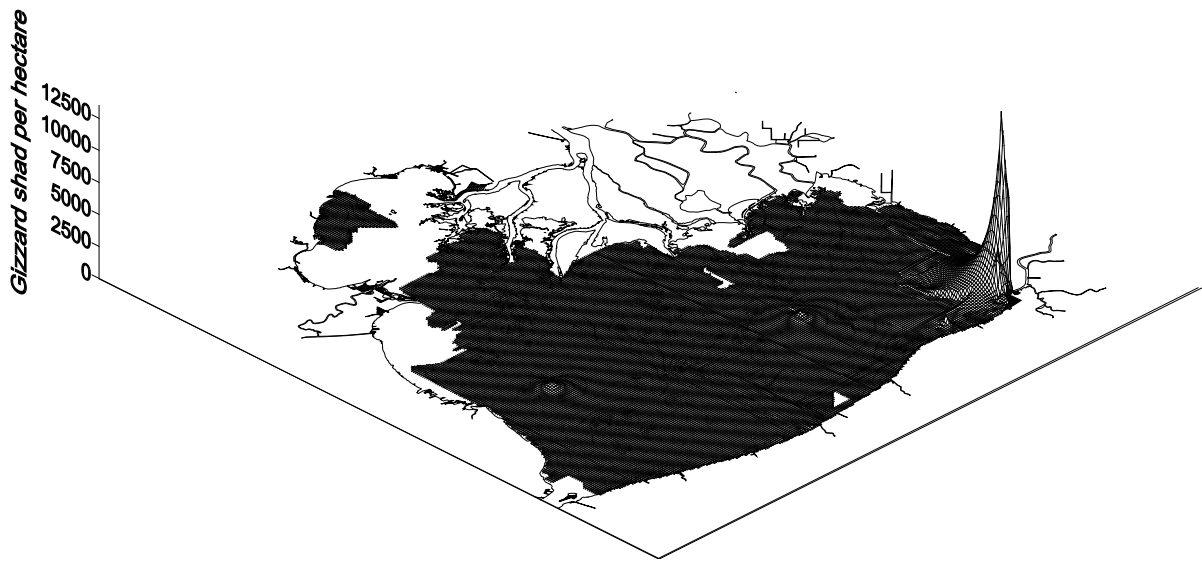
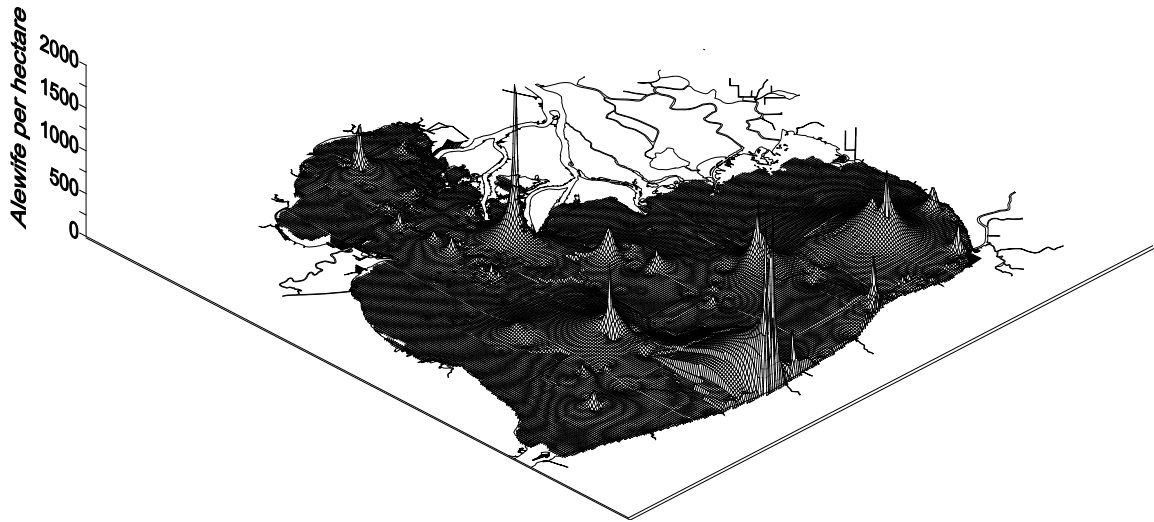
Common name	Scientific name	Spatial distribution	Spatial distribution map
Northern hog sucker	<i>Hypentelium nigricans</i>	R	Appendix 15
Northern pike	<i>Esox lucius</i>	C	Appendix 5
Pumpkinseed	<i>Lepomis gibbosus</i>	C	Appendix 22
Quillback	<i>Carpionodes cyprinus</i>	C	Appendix 14
Rainbow darter	<i>Etheostoma caeruleum</i>	R	Appendix 27
Rainbow smelt	<i>Osmerus mordax</i>	W	Appendix 5
River darter	<i>Percina shumardi</i>	R	Appendix 26
Rock bass	<i>Ambloplites rupestris</i>	W	Appendix 21
Round goby	<i>Neogobius melanostomus</i>	W	Appendix 30
Sand shiner	<i>Notropis stramineus</i>	R	Appendix 18
Shorthead redhorse	<i>Moxostoma macrolepidotum</i>	W	Appendix 16
Silver lamprey	<i>Ichthyomyzon uniscuspis</i>	C	Appendix 3
Silver redhorse	<i>Moxostoma anisurum</i>	C	Appendix 15
Slimy sculpin	<i>Cottus cognatus</i>	R	Appendix 29
Smallmouth bass	<i>Micropterus dolomieu</i>	W	Appendix 24
Spotfin shiner	<i>Cyprinella spiloptera</i>	R	Appendix 18
Spottail shiner	<i>Notropis hudsonius</i>	W	Appendix 17
Stonecat	<i>Noturus flavus</i>	U	Appendix 8
Tadpole madtom	<i>Noturus gyrinus</i>	R	Appendix 8
Trout-perch	<i>Percopsis omiscomaycus</i>	W	Appendix 10
Tubenose goby	<i>Proterorhinus marmoratus</i>	W	Appendix 30
Walleye	<i>Stizostedion vitreum</i>	W	Appendix 29
White bass	<i>Morone chrysops</i>	C	Appendix 11
White perch	<i>Morone americana</i>	W	Appendix 11
White sucker	<i>Catostomus commersoni</i>	C	Appendix 14
Yellow perch	<i>Perca flavescens</i>	W	Appendix 28
Zebra mussel	<i>Dreissena polymorpha</i>	—	—



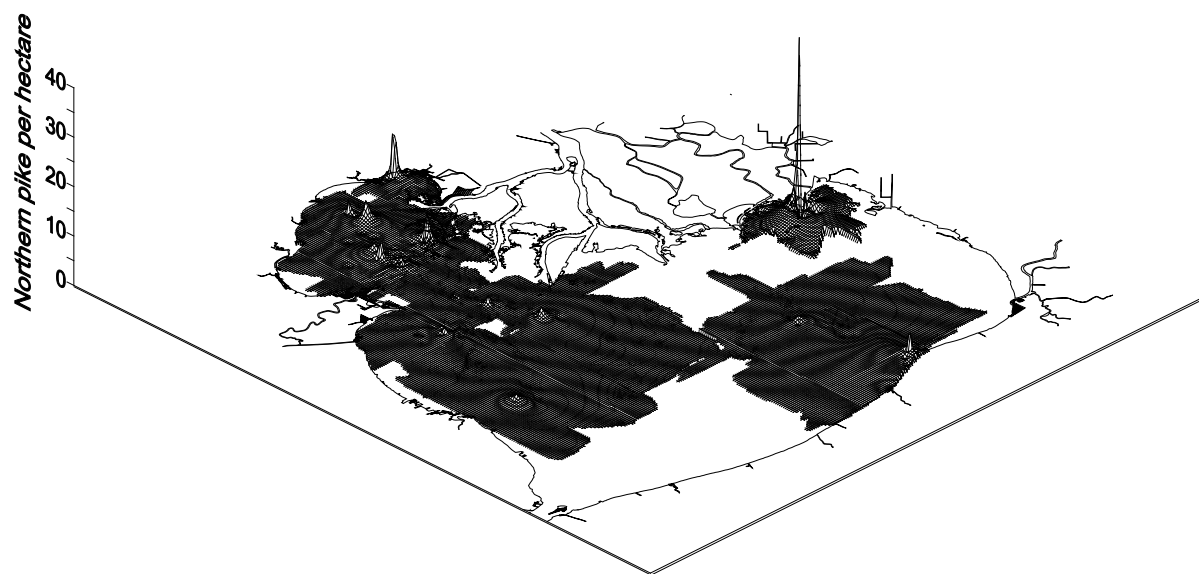
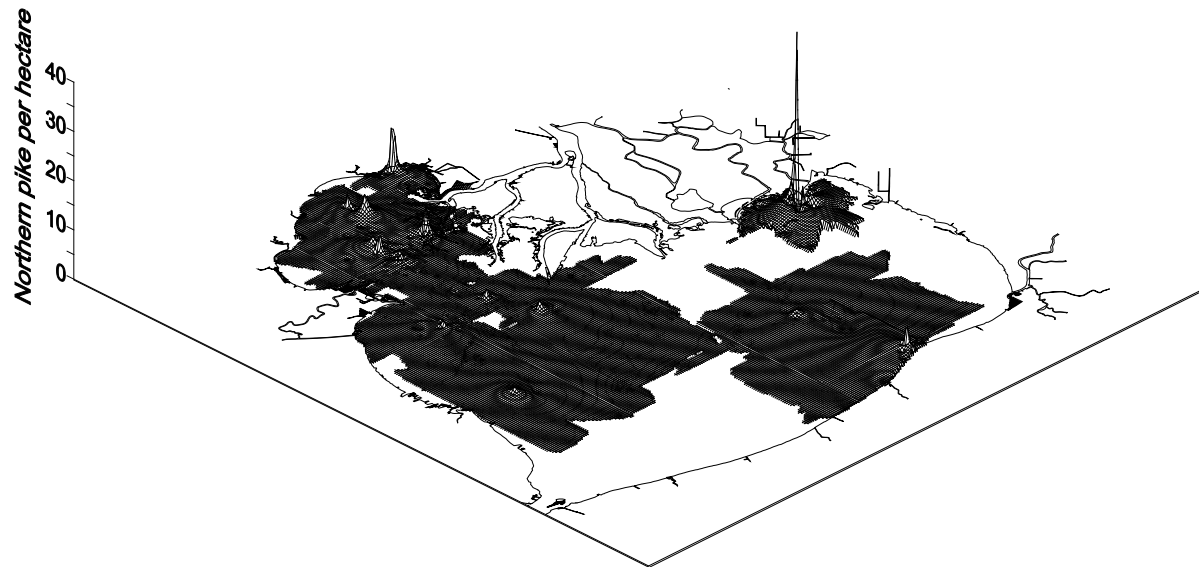
Appendix 2. – Top - Reference map of Lake St. Clair with geographic labels oriented to same position as species distribution maps. Bottom - Map of trawl sampling effort with trawl drags indicated by lines connecting starting and ending locations.



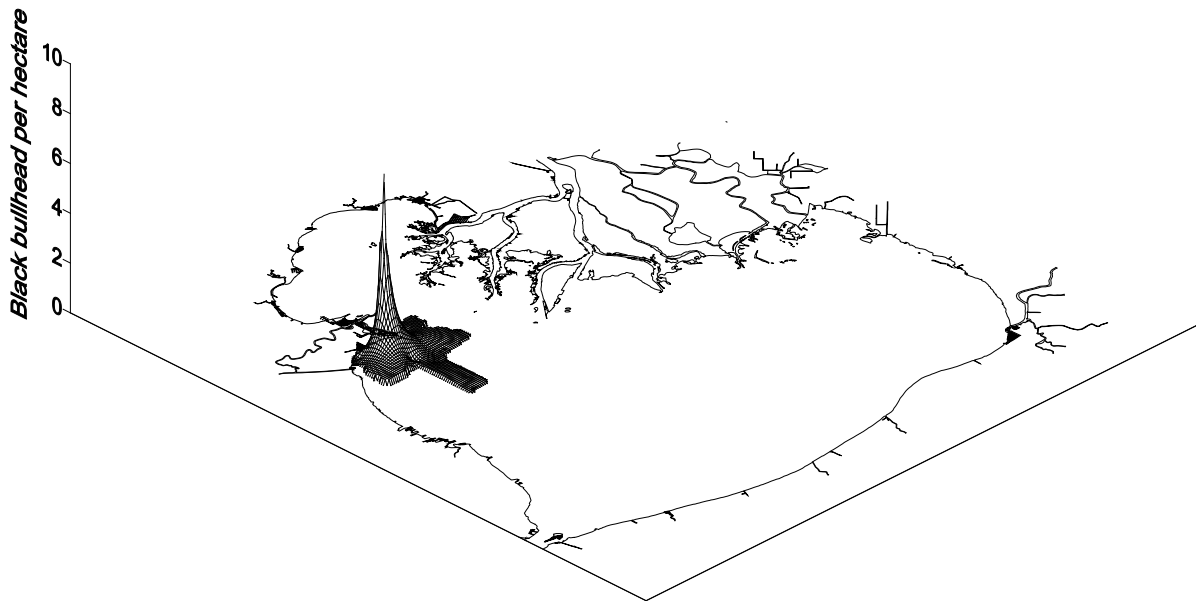
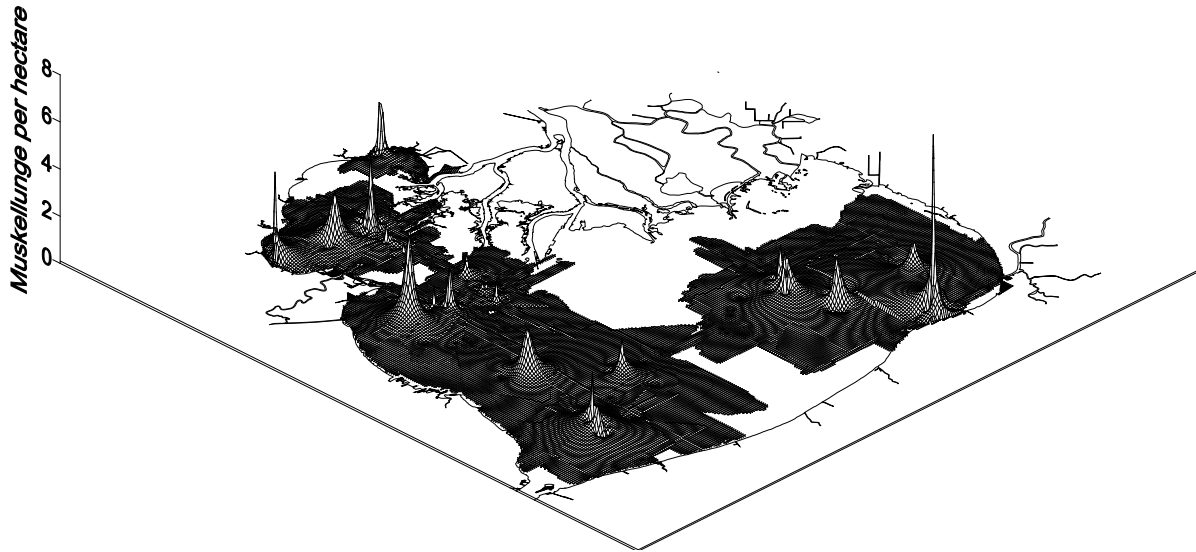
Appendix 3. – Spatial distribution maps for silver lamprey (top) and lake sturgeon (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



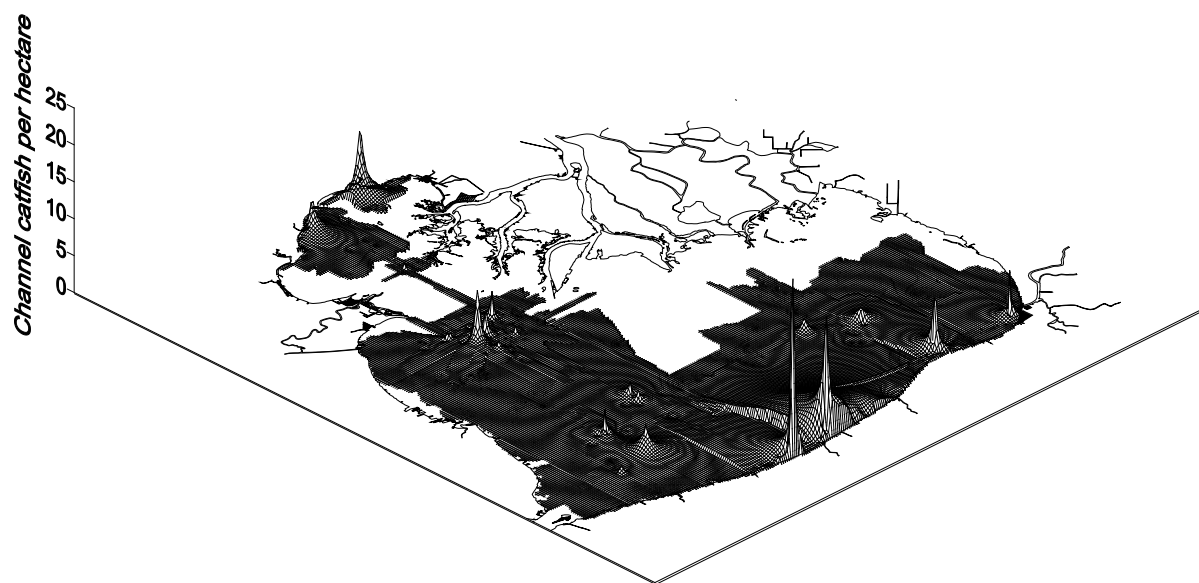
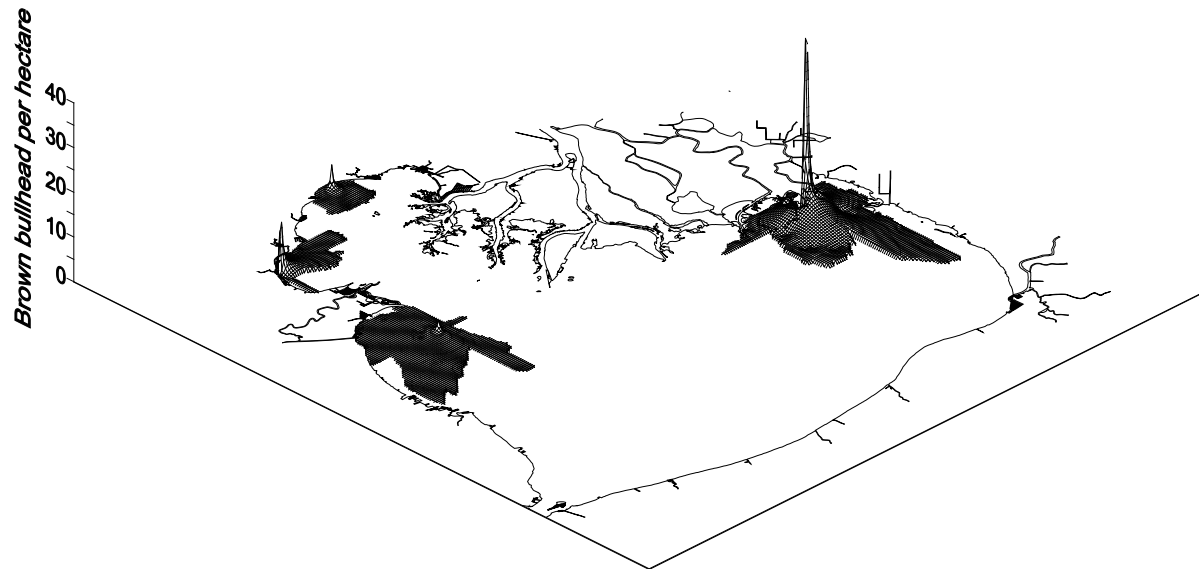
Appendix 4. – Spatial distribution maps for alewife (top) and gizzard shad (bottom) in Lake St. Clair in Lake St. Clair based on trawl catches from 1996 to 2001.



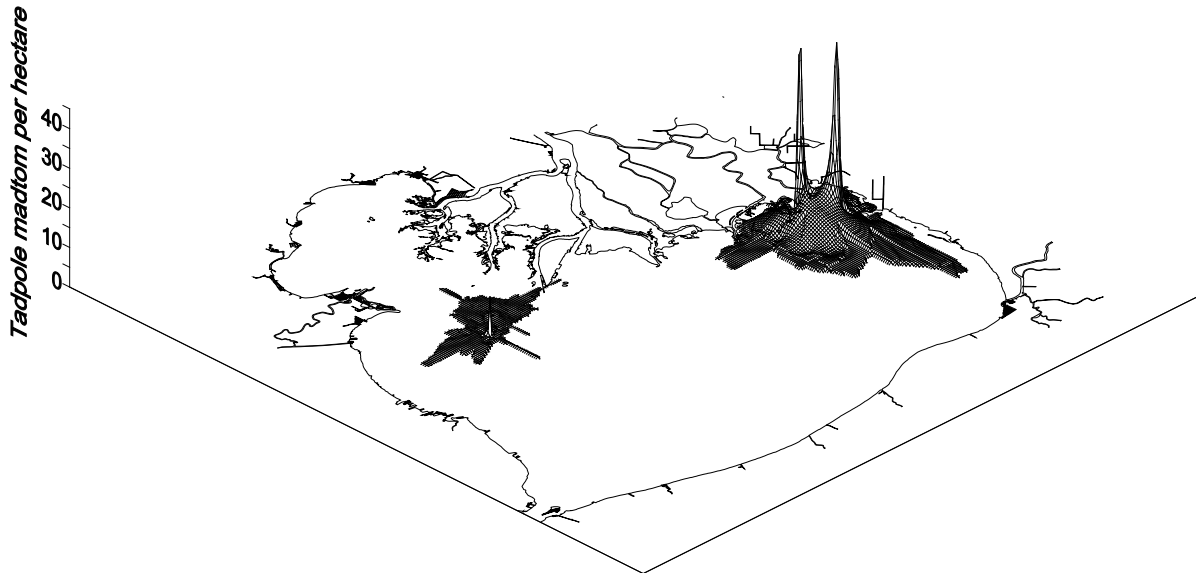
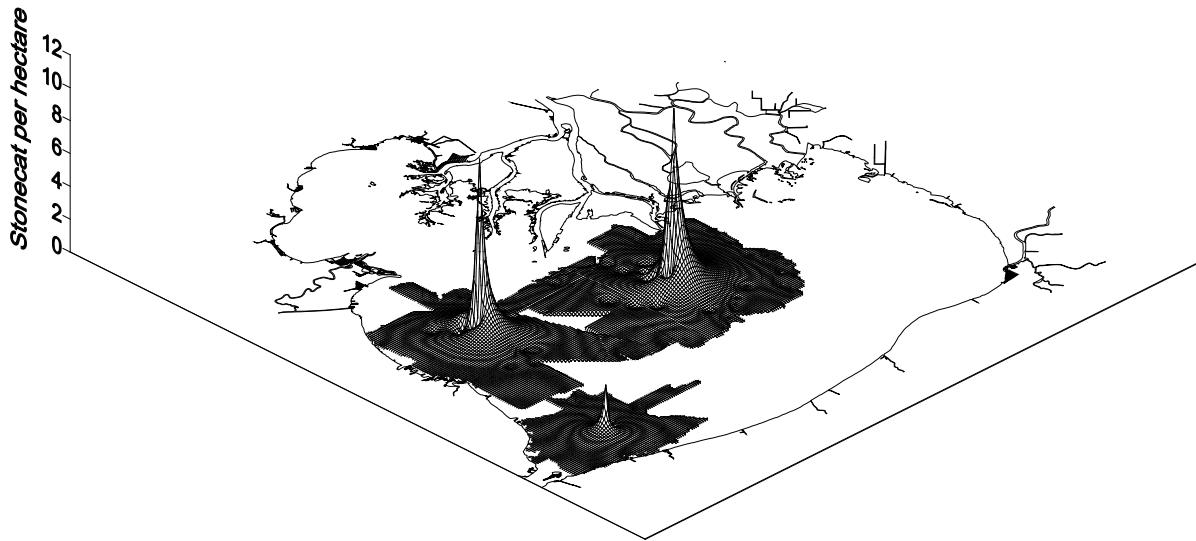
Appendix 5. – Spatial distribution maps for rainbow smelt (top) and northern pike (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



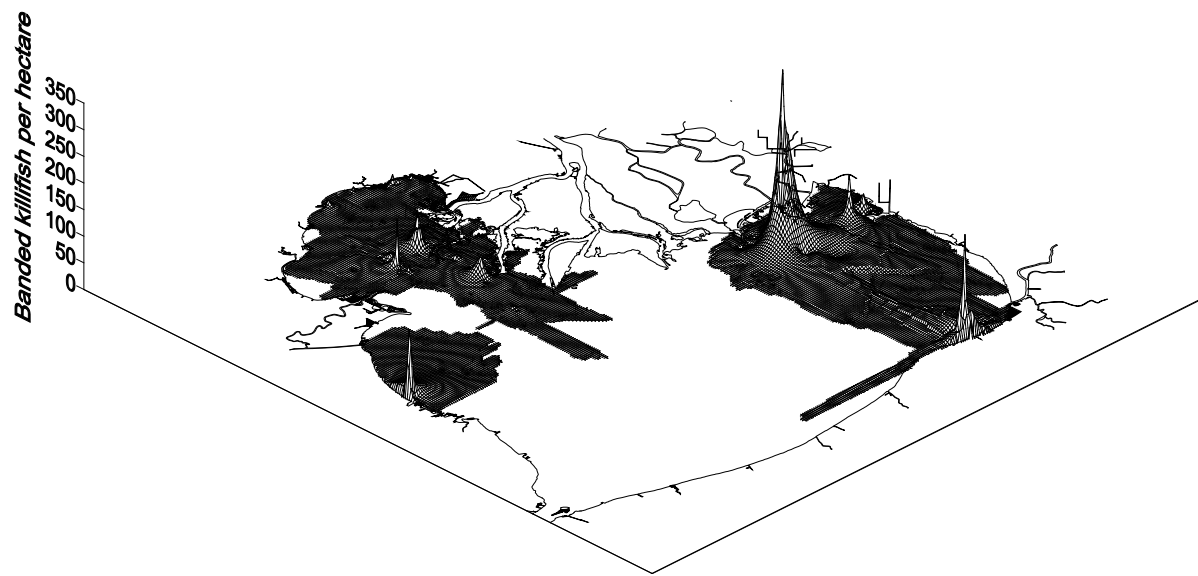
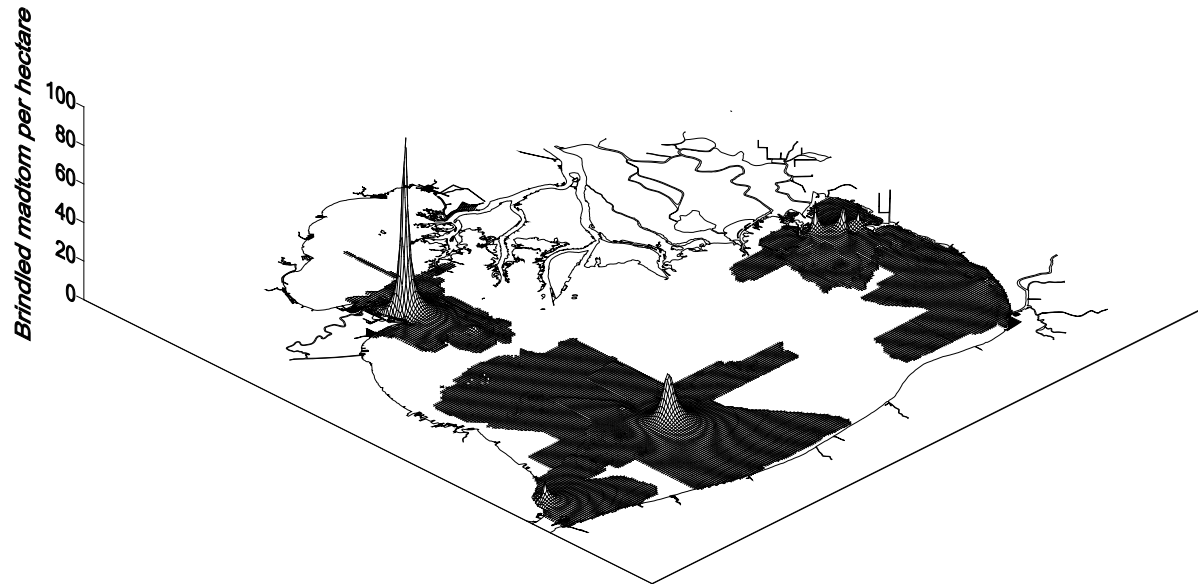
Appendix 6. – Spatial distribution maps for muskellunge (top) and black bullhead (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



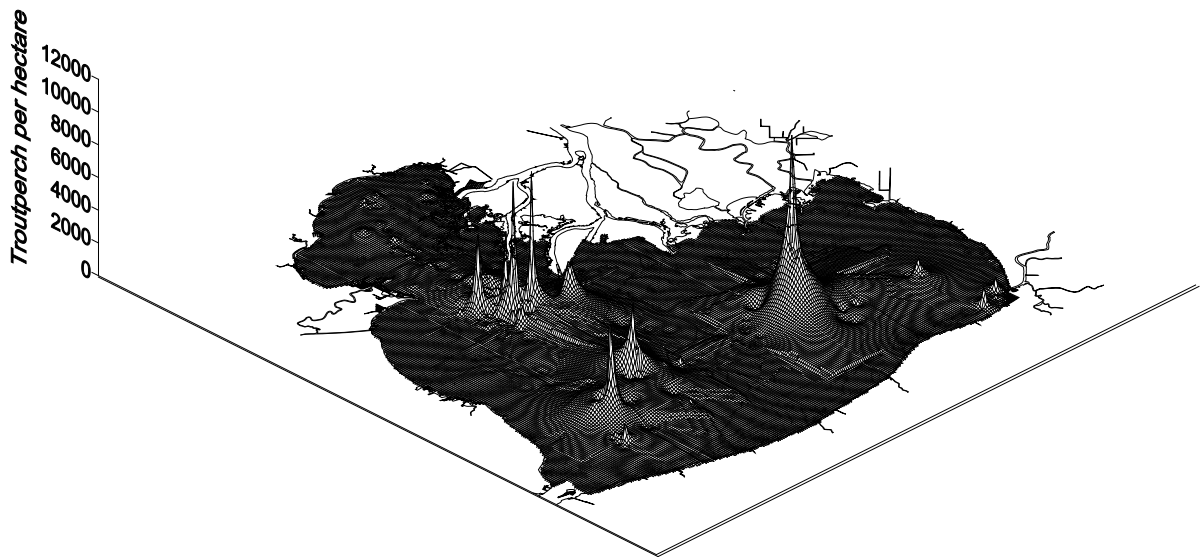
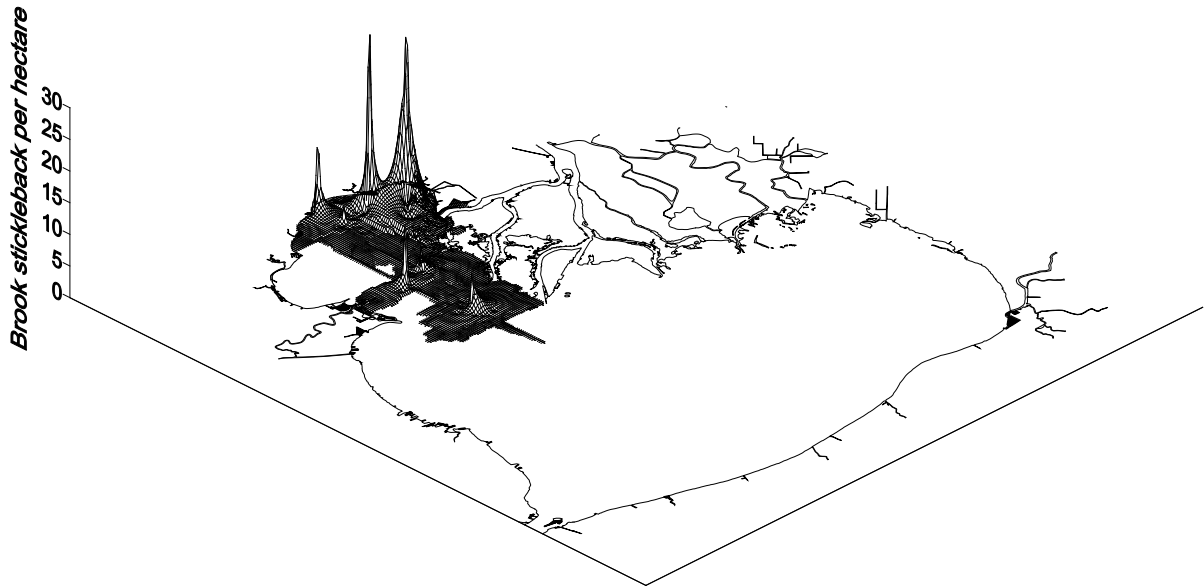
Appendix 7. – Spatial distribution maps for brown bullhead (top) and channel catfish (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



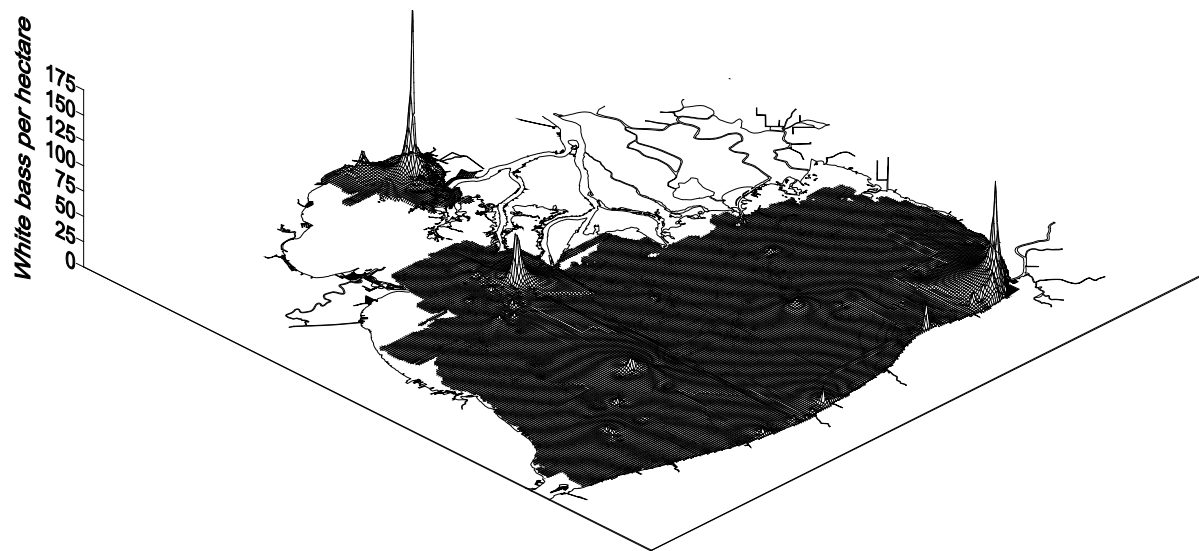
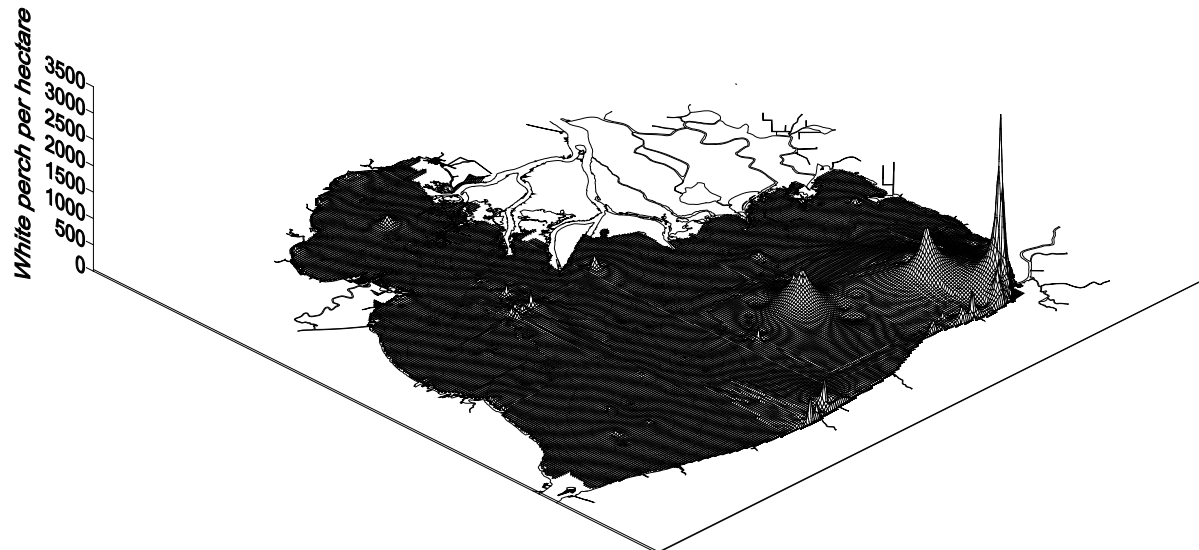
Appendix 8. – Spatial distribution maps for stonecat (top) and tadpole madtom (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



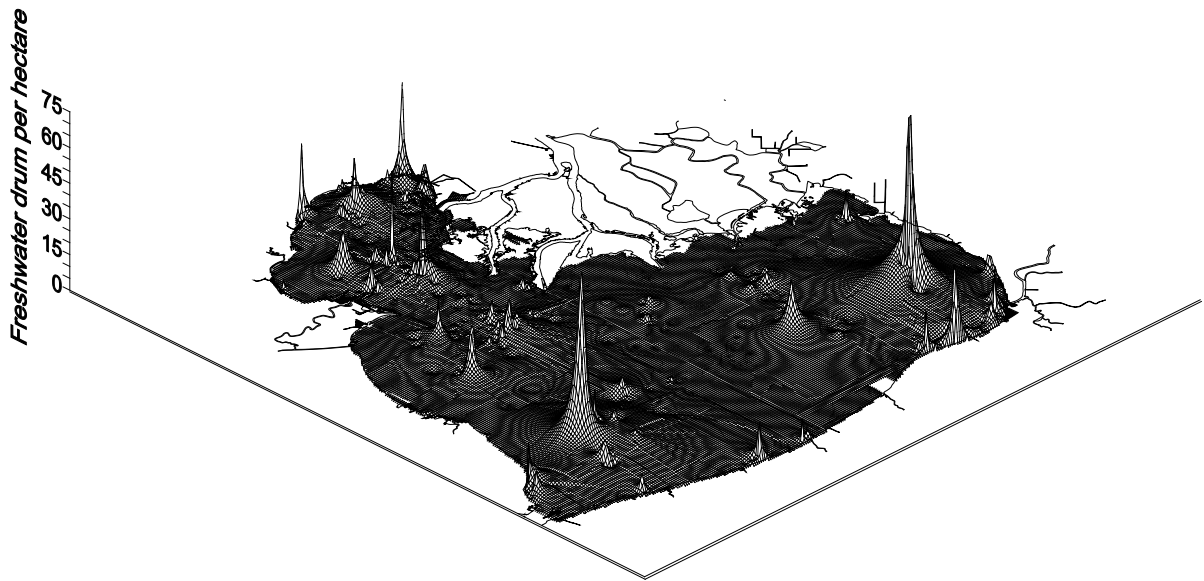
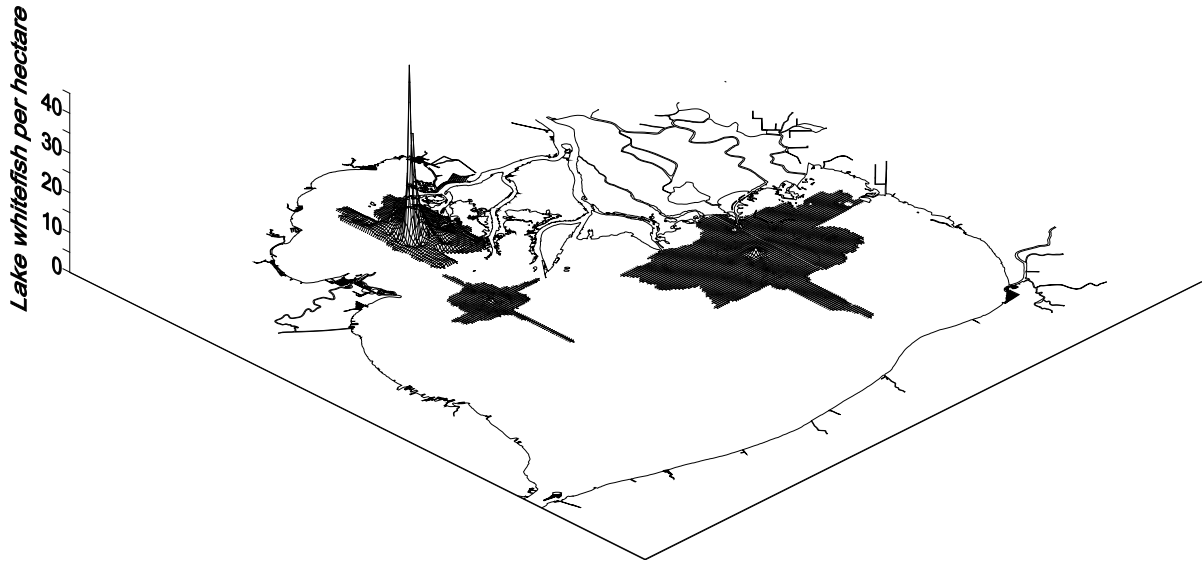
Appendix 9. – Spatial distribution maps for brindled madtom (top) and banded killifish (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



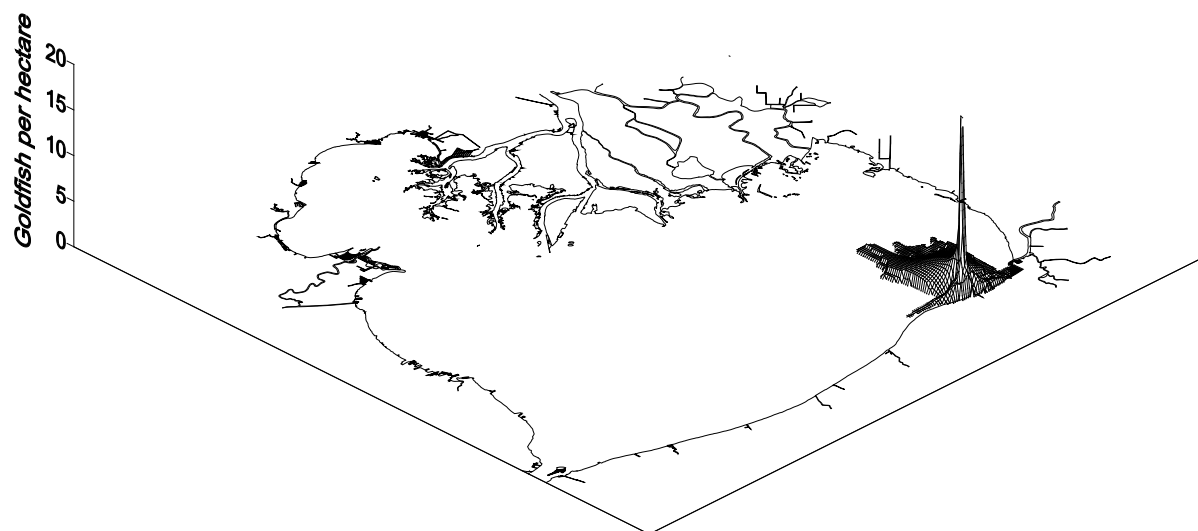
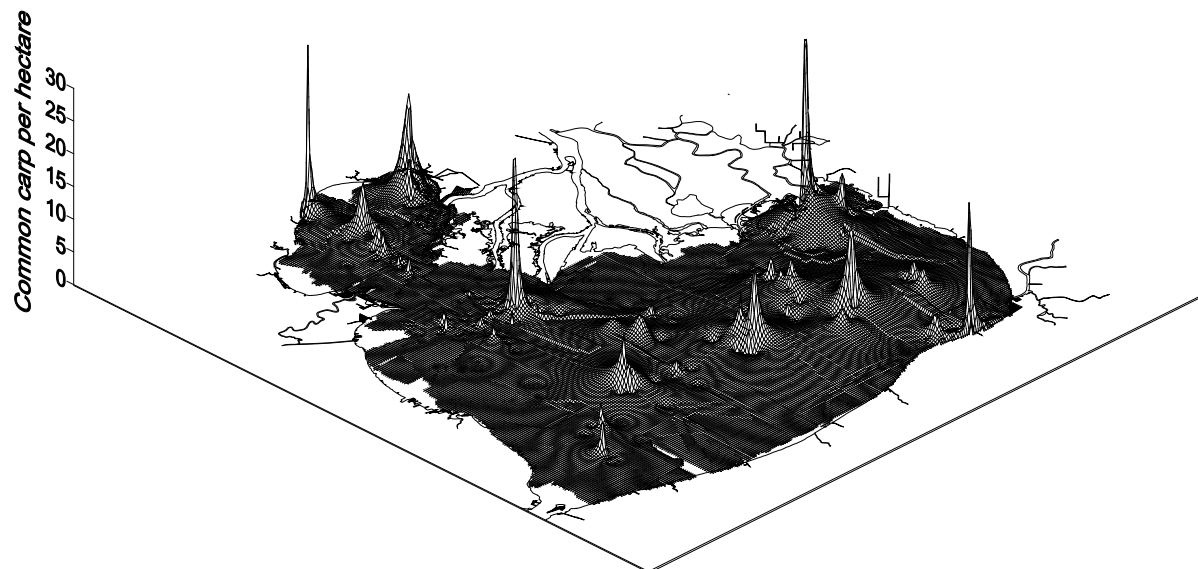
Appendix 10. – Spatial distribution maps for brook stickleback (top) and troutperch (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



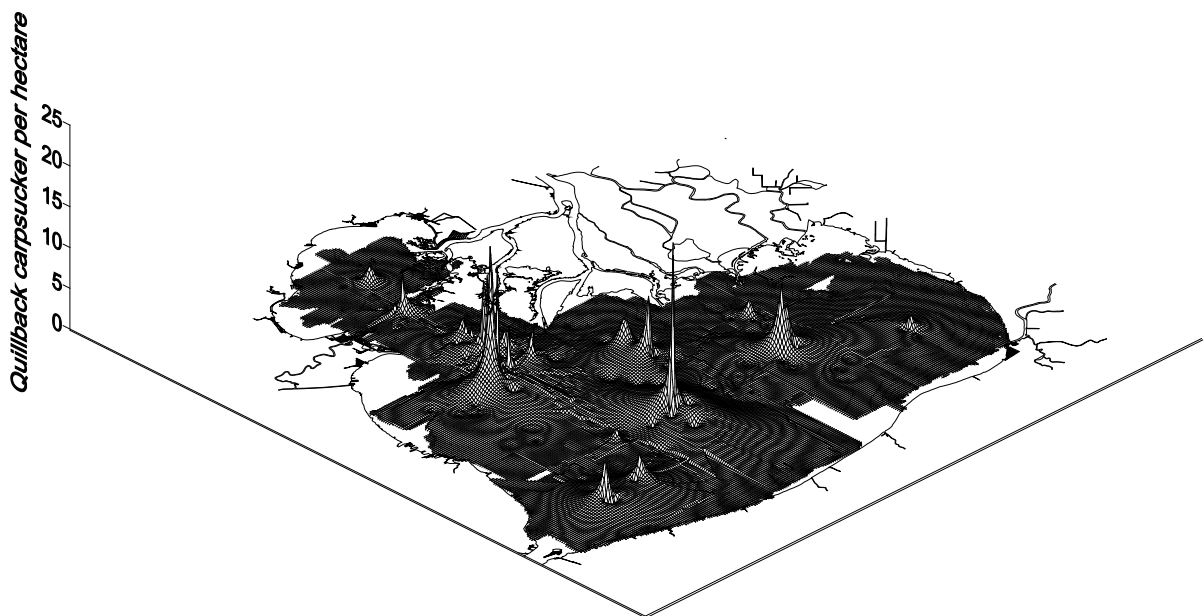
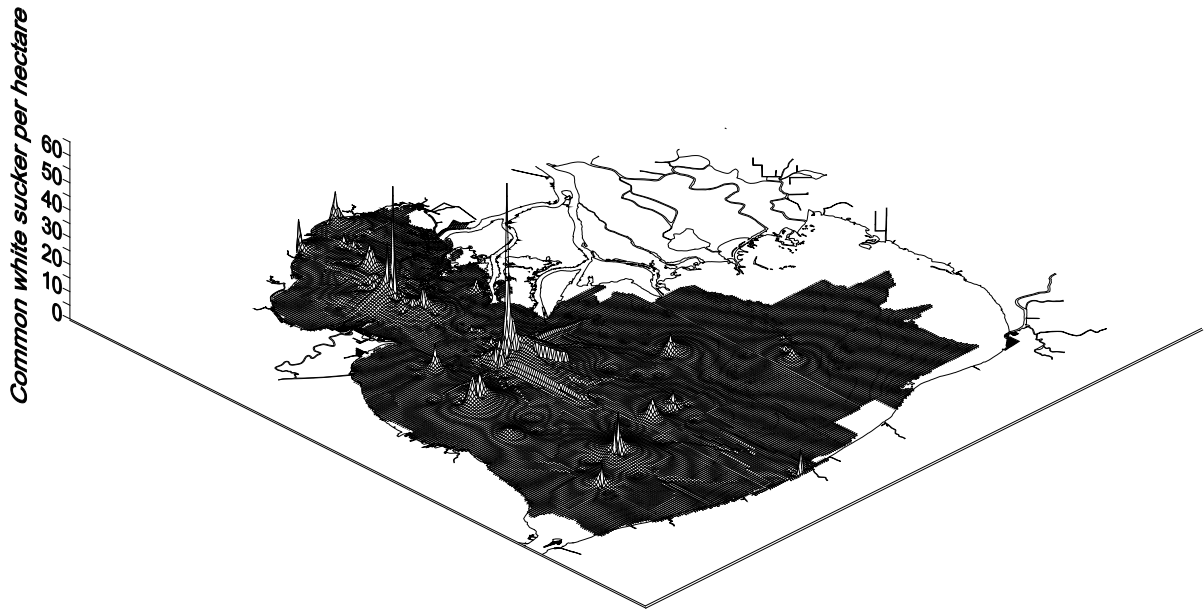
Appendix 11. – Spatial distribution maps for white perch (top) and white bass (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



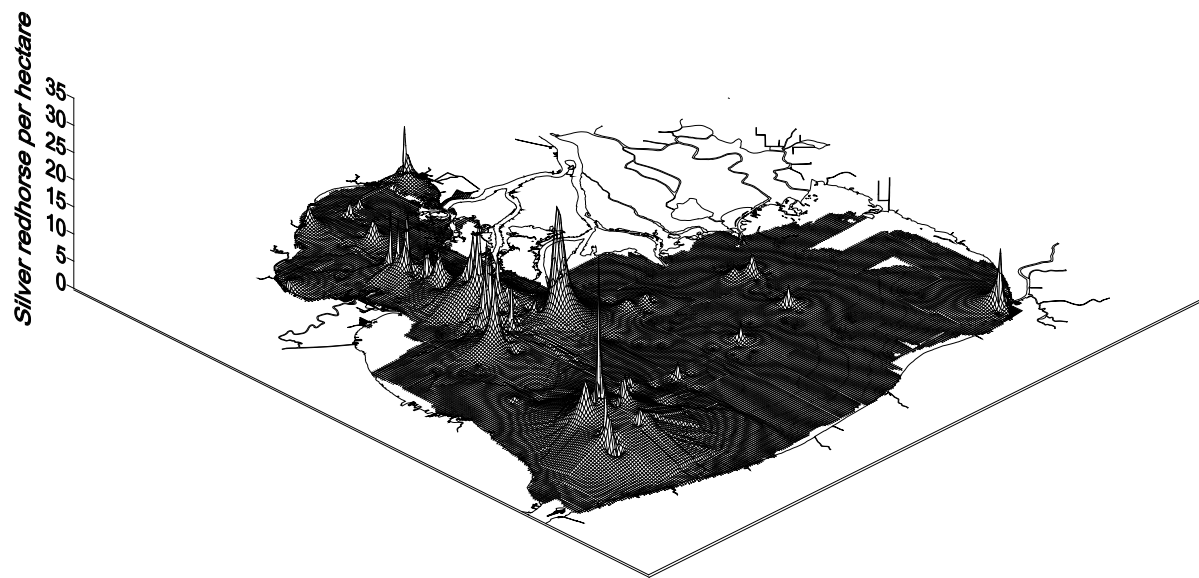
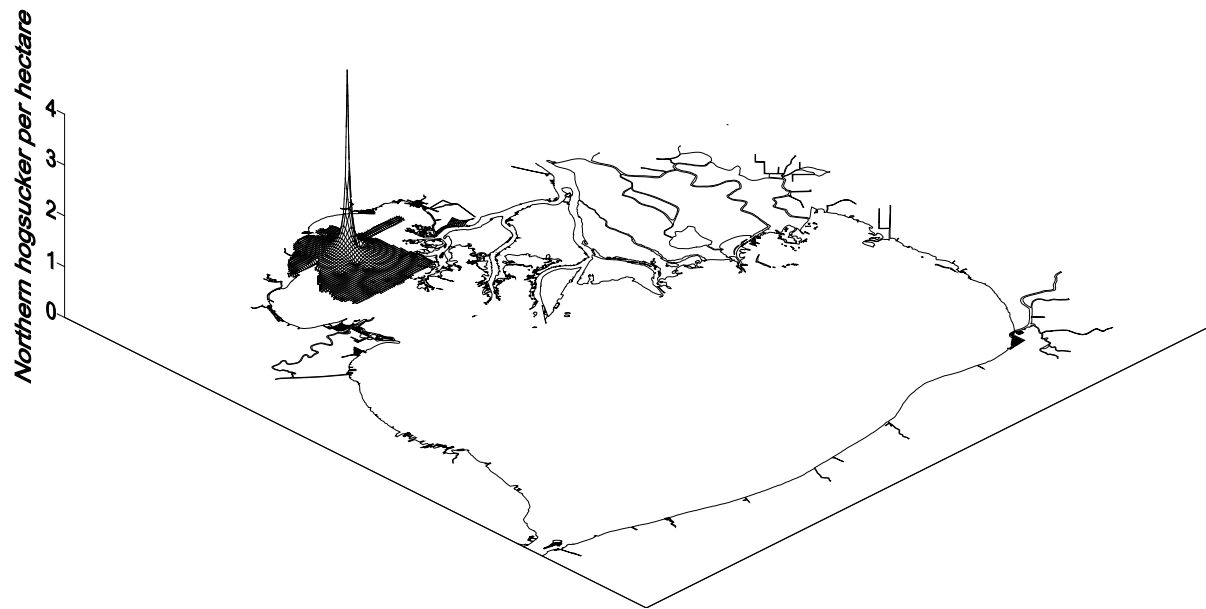
Appendix 12. – Spatial distribution maps for lake whitefish (top) and freshwater drum (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



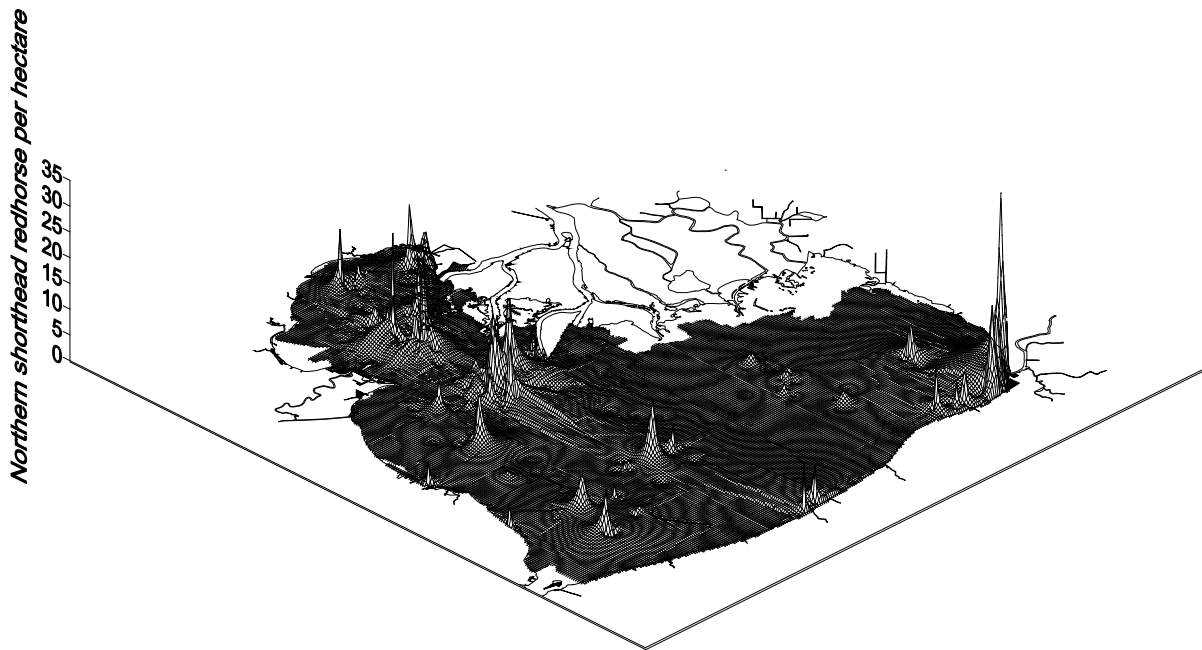
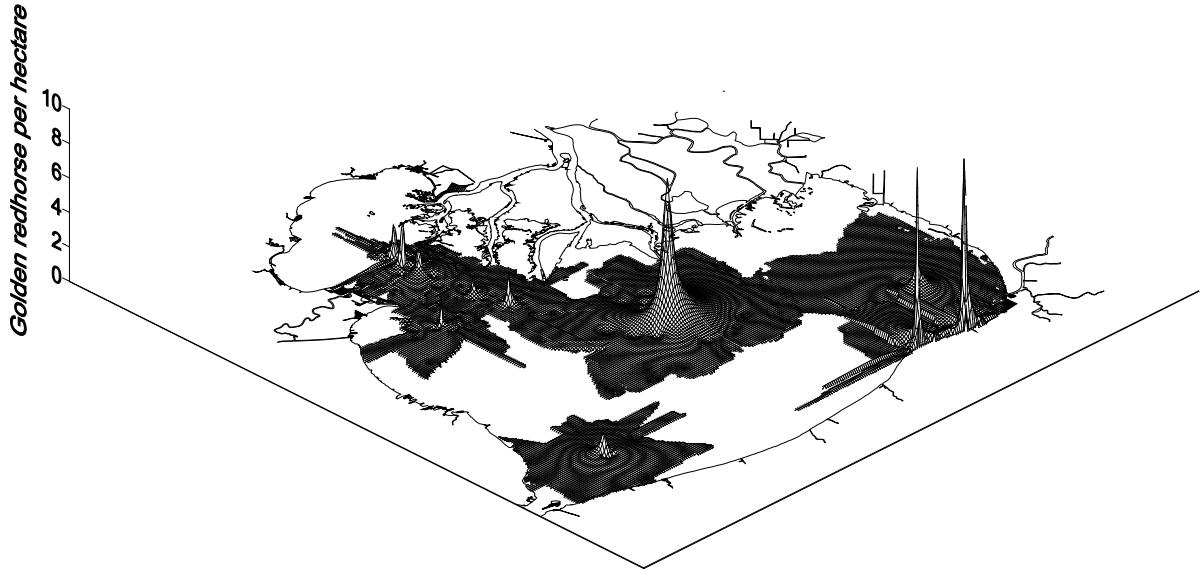
Appendix 13. – Spatial distribution maps for common carp (top) and goldfish (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



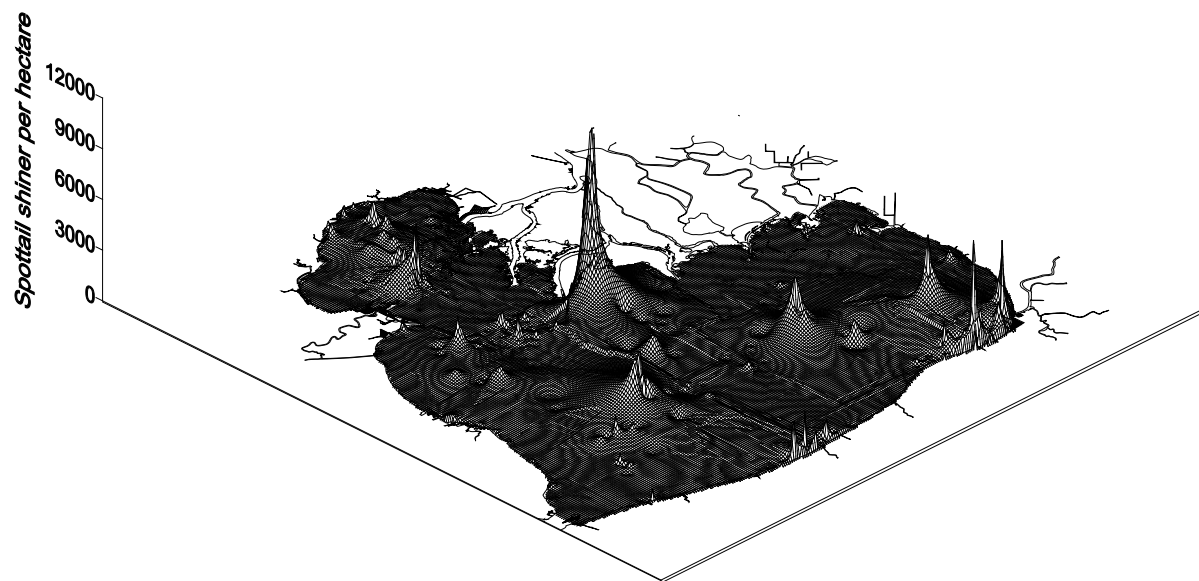
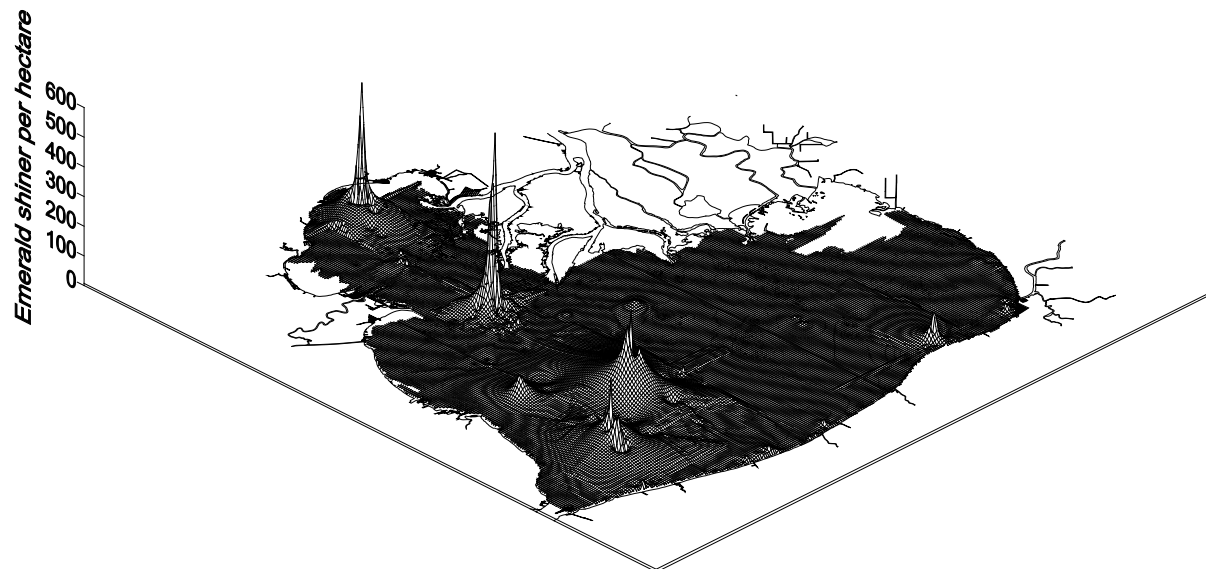
Appendix 14. – Spatial distribution maps for white sucker (top) and quillback carpsucker (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



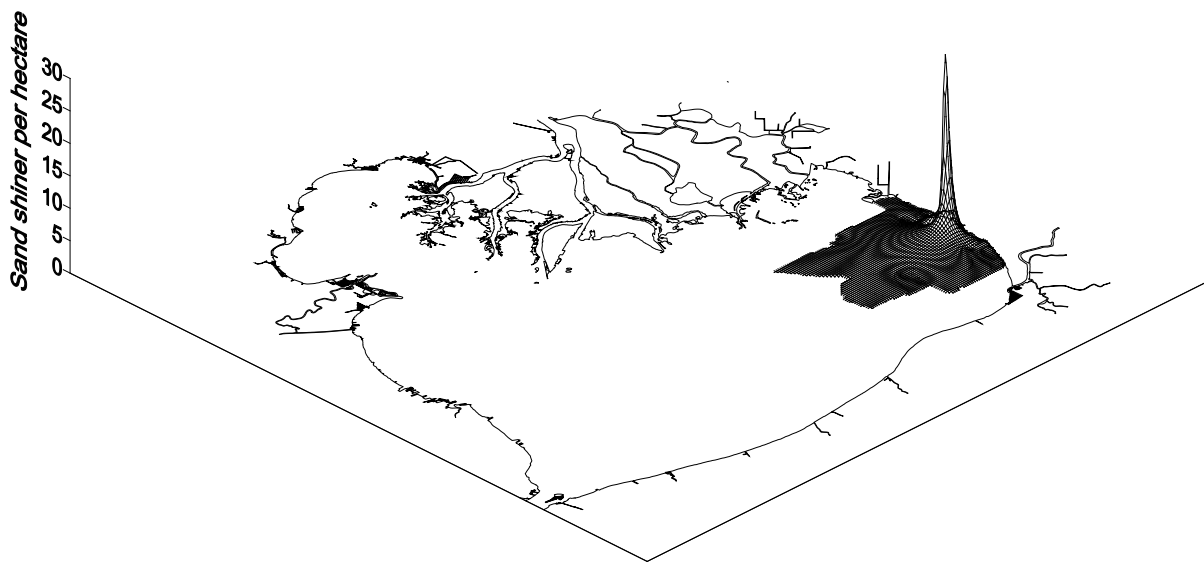
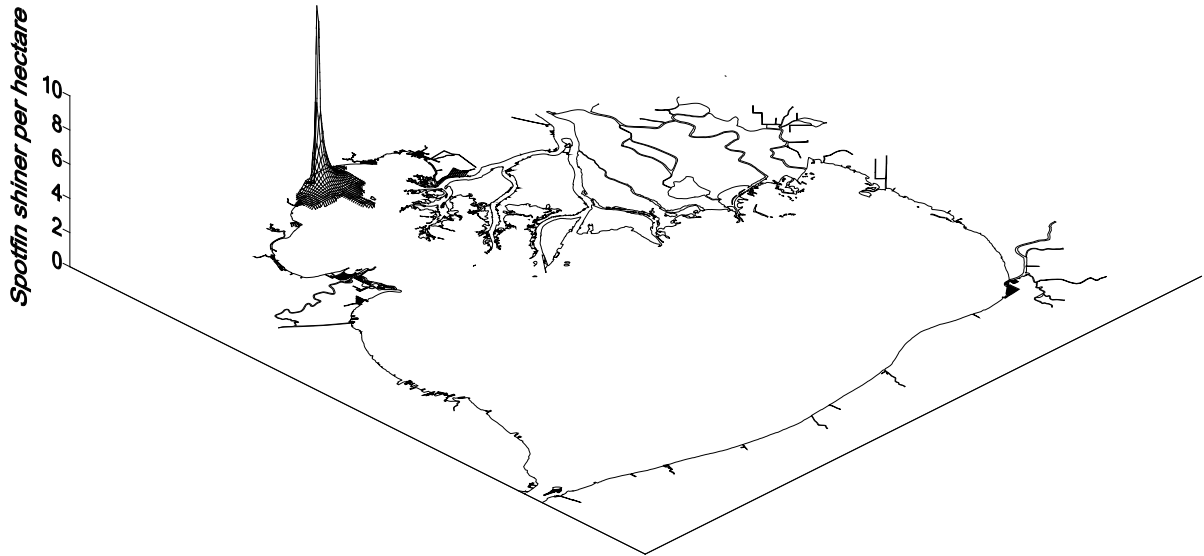
Appendix 15. – Spatial distribution maps for northern hogsucker (top) and silver redhorse (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



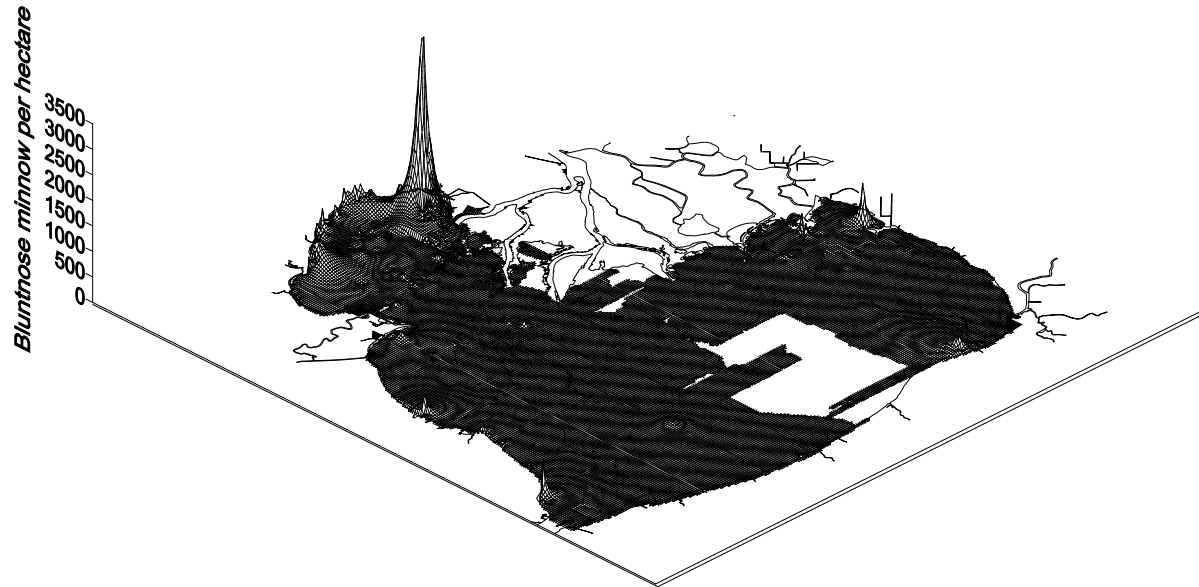
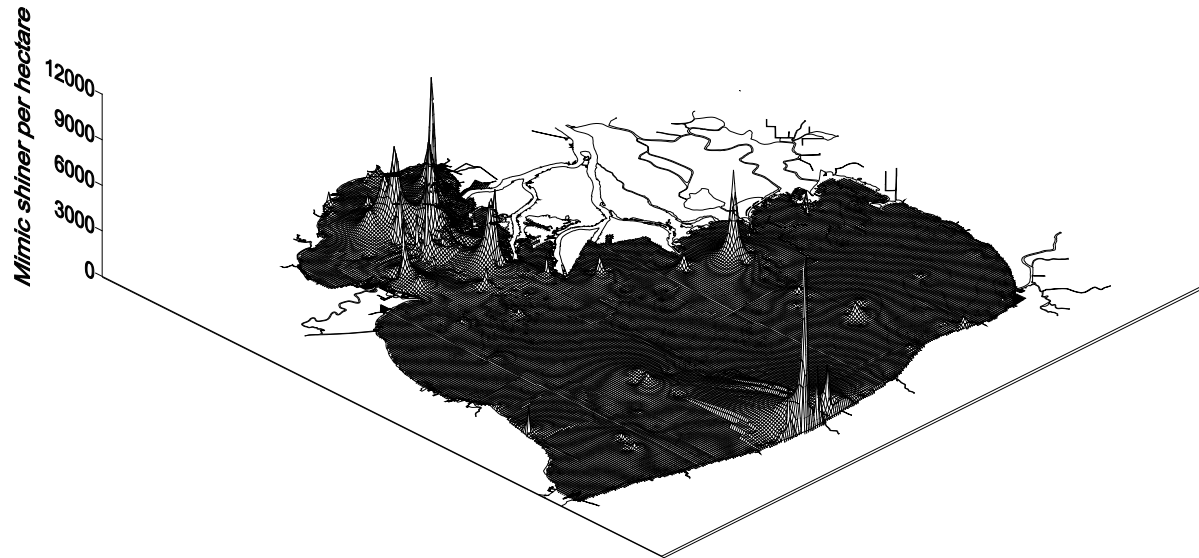
Appendix 16. – Spatial distribution maps for golden redhorse (top) and shorthead redhorse (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



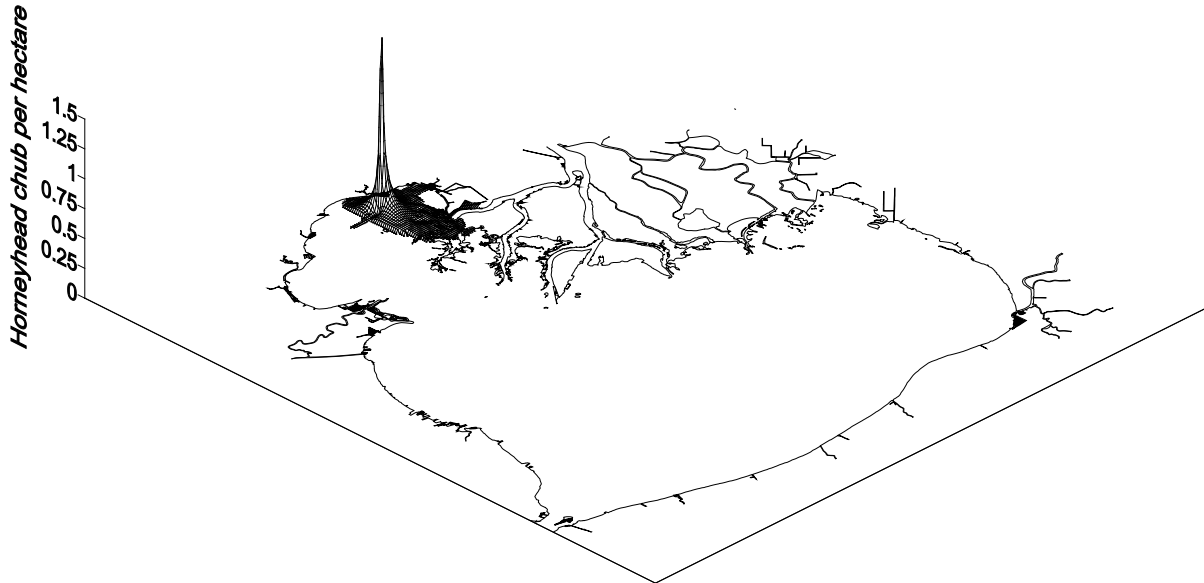
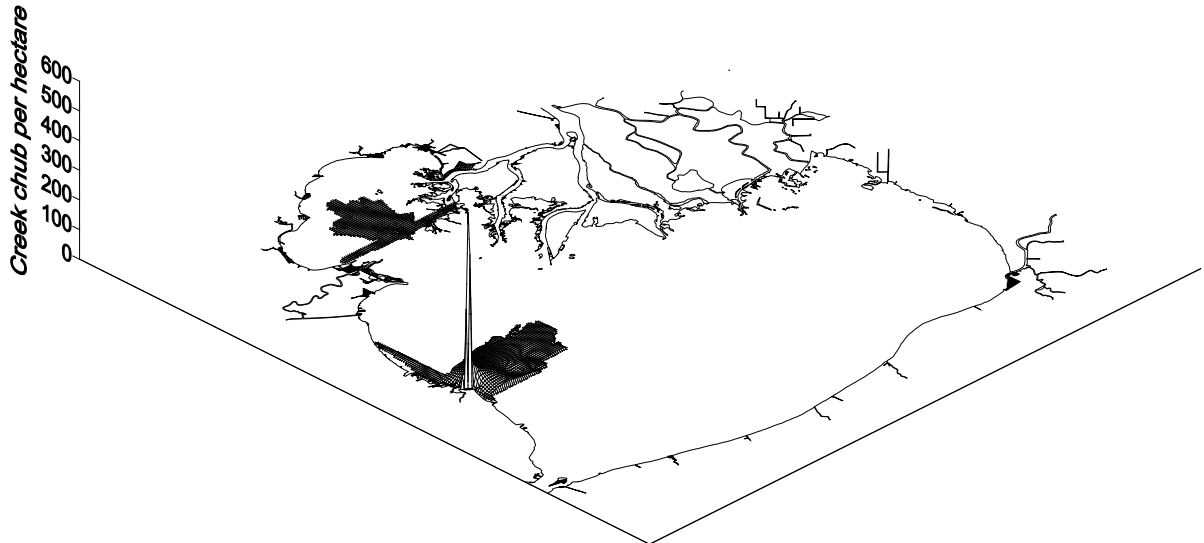
Appendix 17. – Spatial distribution maps for emerald shiner (top) and spottail shiner (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



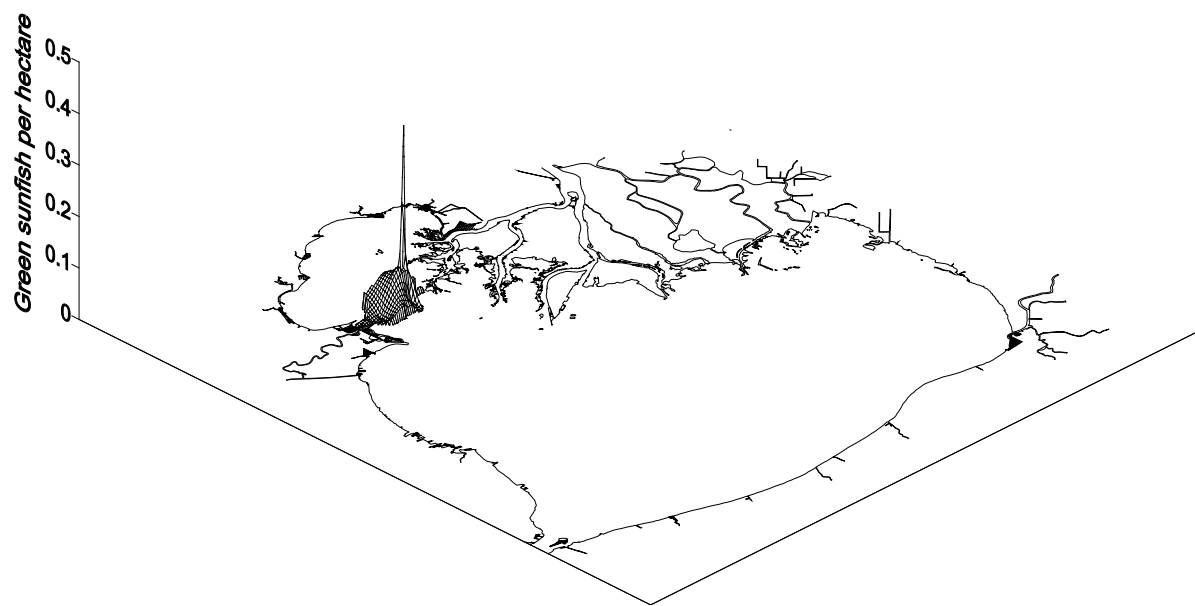
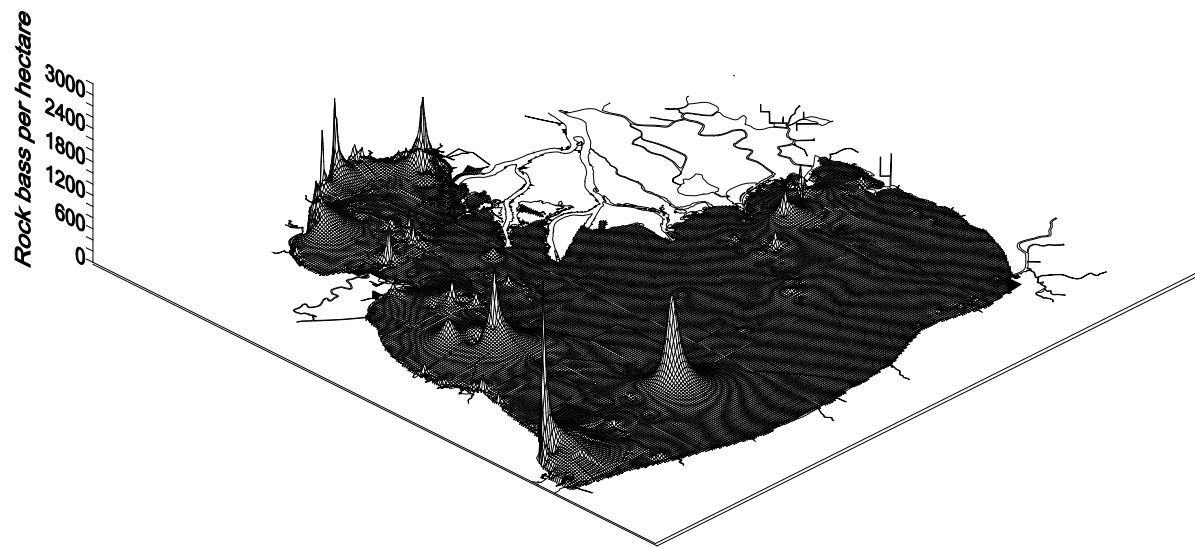
Appendix 18. – Spatial distribution maps for spotfin shiner (top) and sand shiner (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



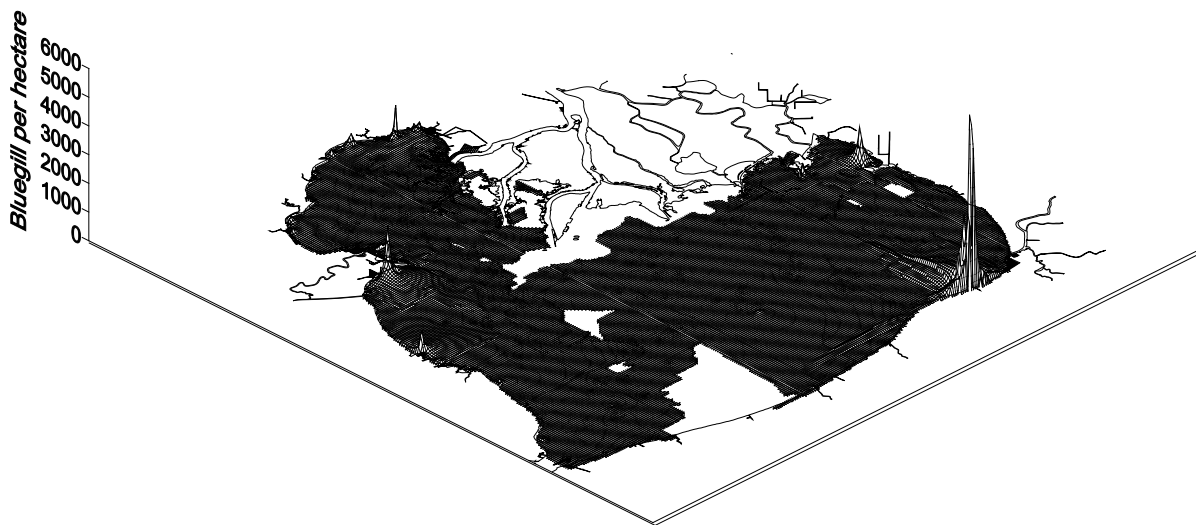
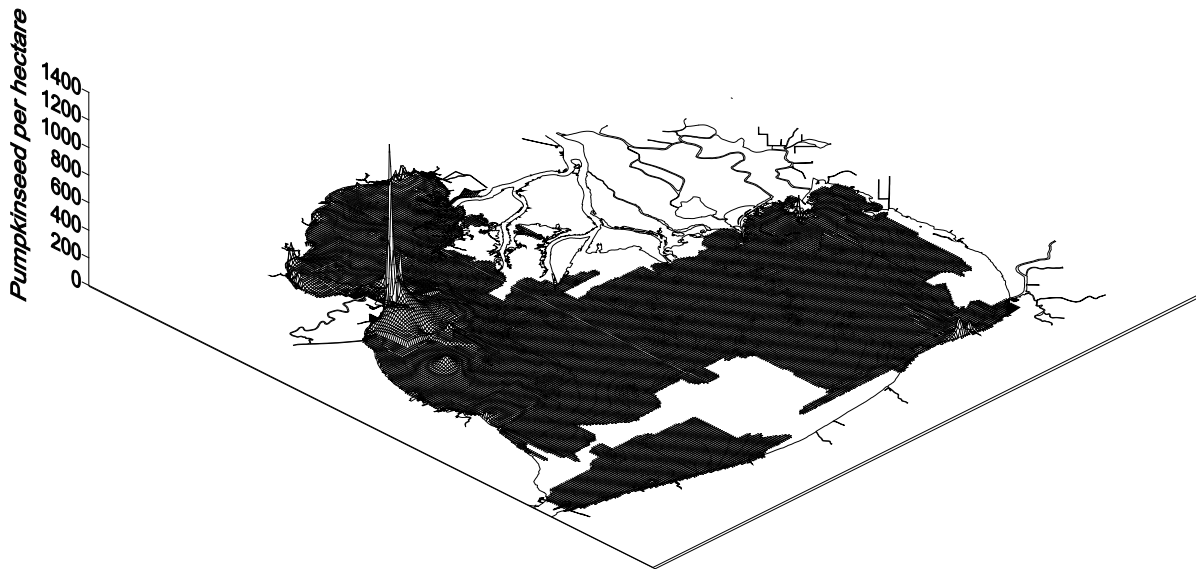
Appendix 19. – Spatial distribution maps for mimic shiner (top) and bluntnose minnow (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



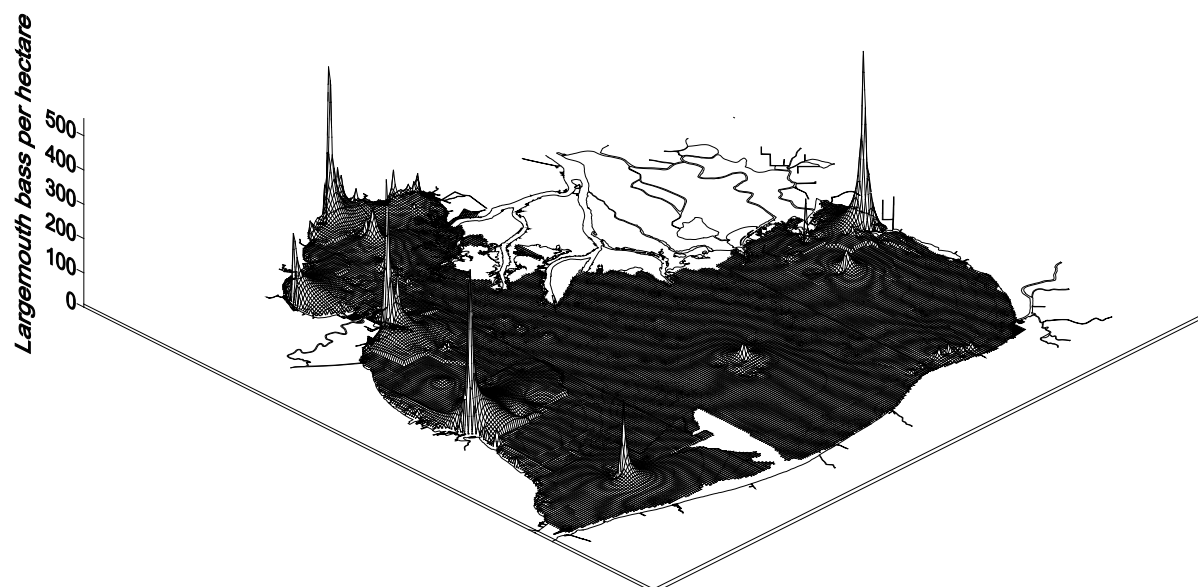
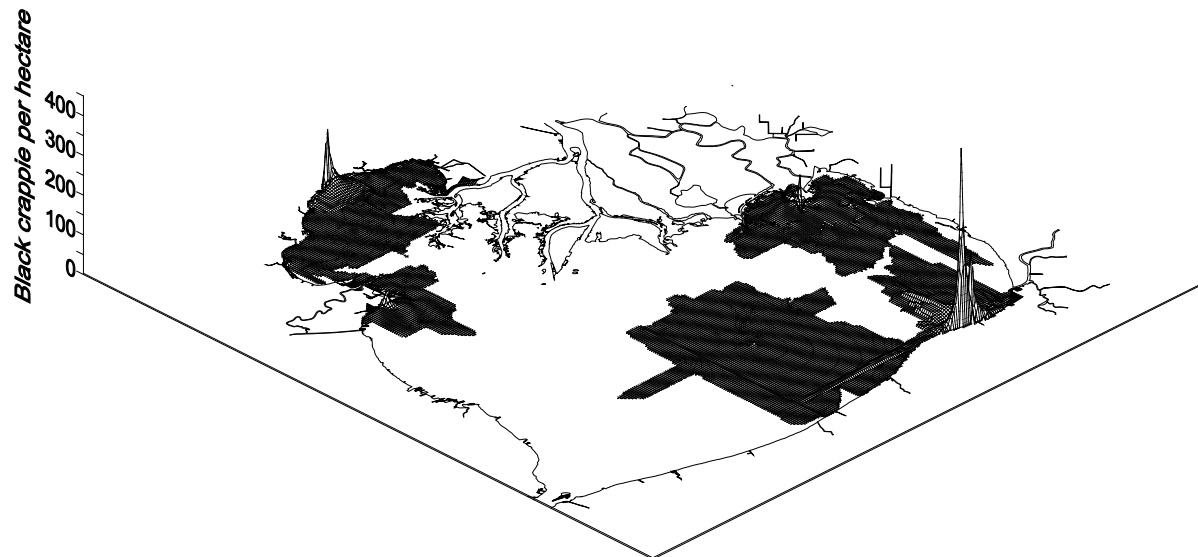
Appendix 20. – Spatial distribution maps for creek chub (top) and horneyhead chub (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



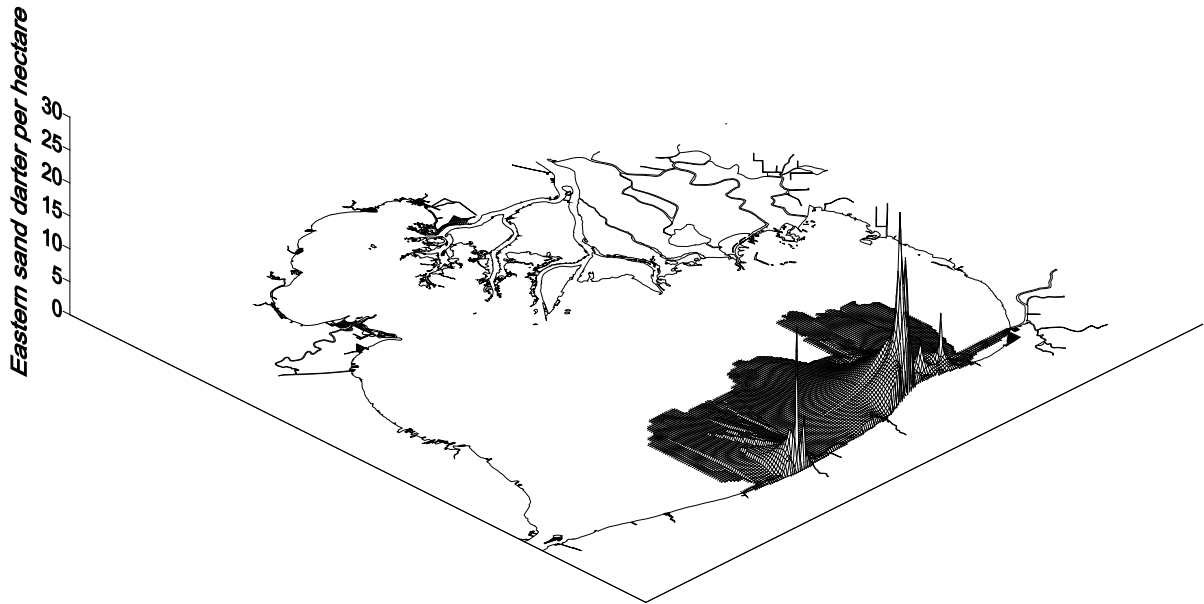
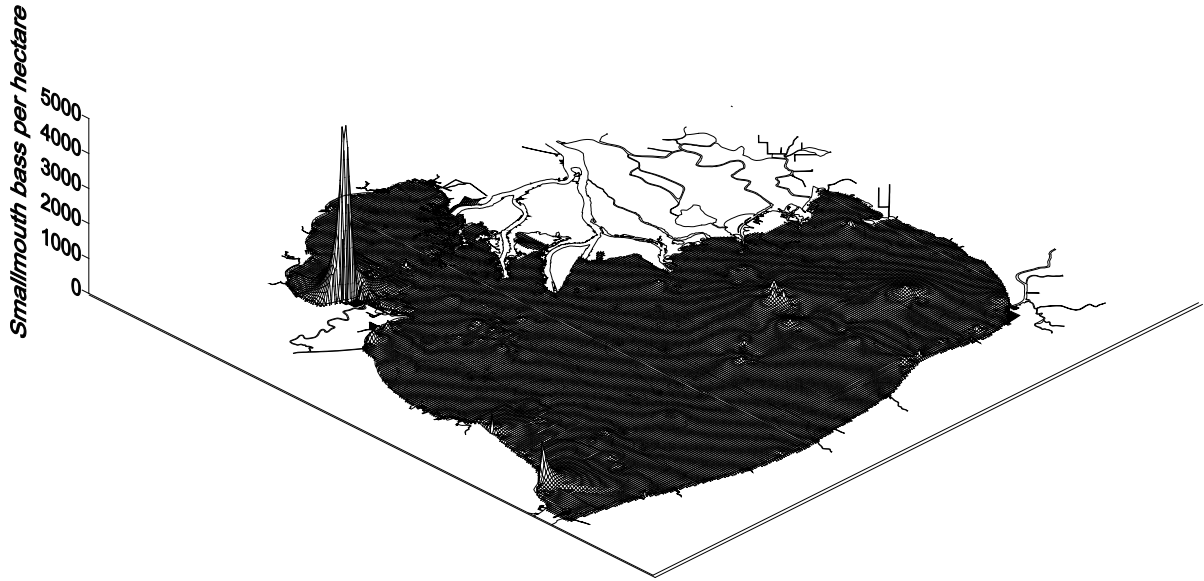
Appendix 21. – Spatial distribution maps for rock bass (top) and green sunfish (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



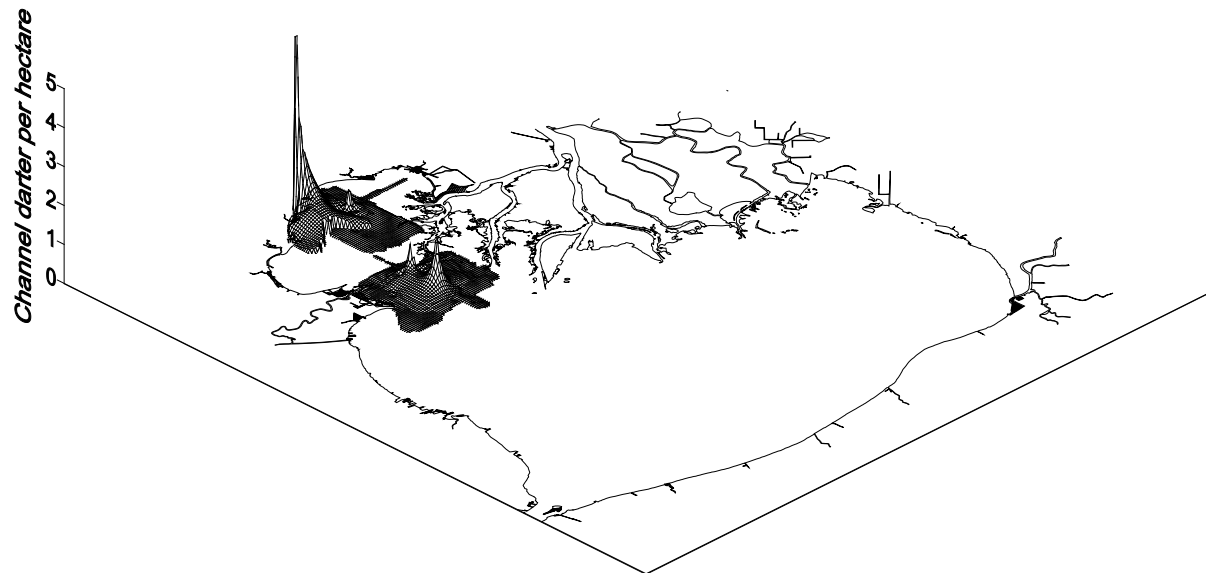
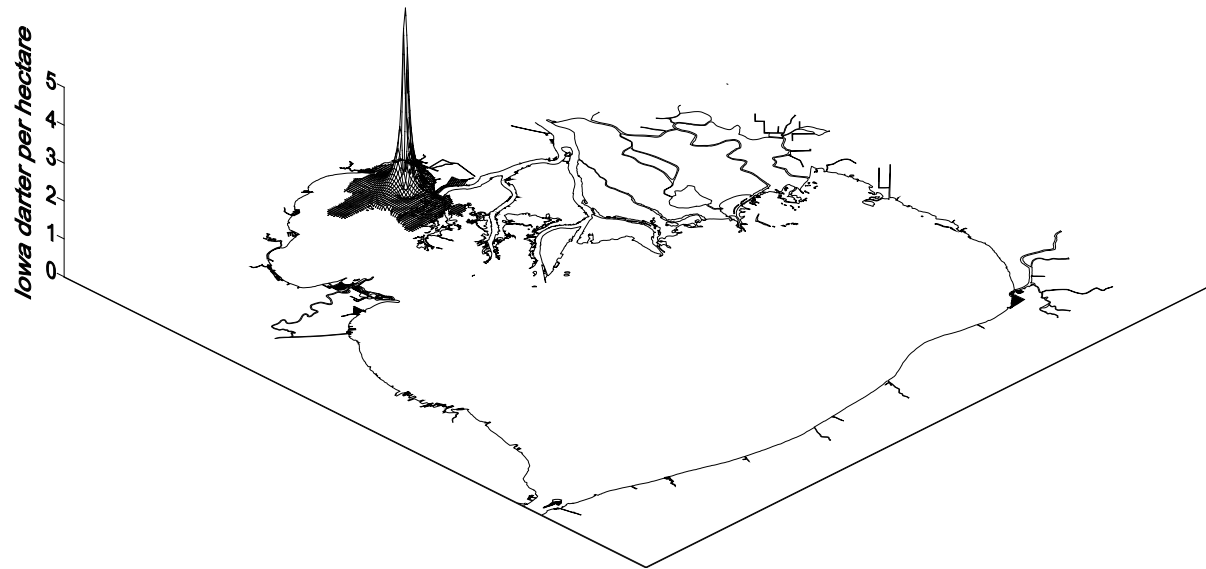
Appendix 22. – Spatial distribution maps for pumpkinseed (top) and bluegill (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



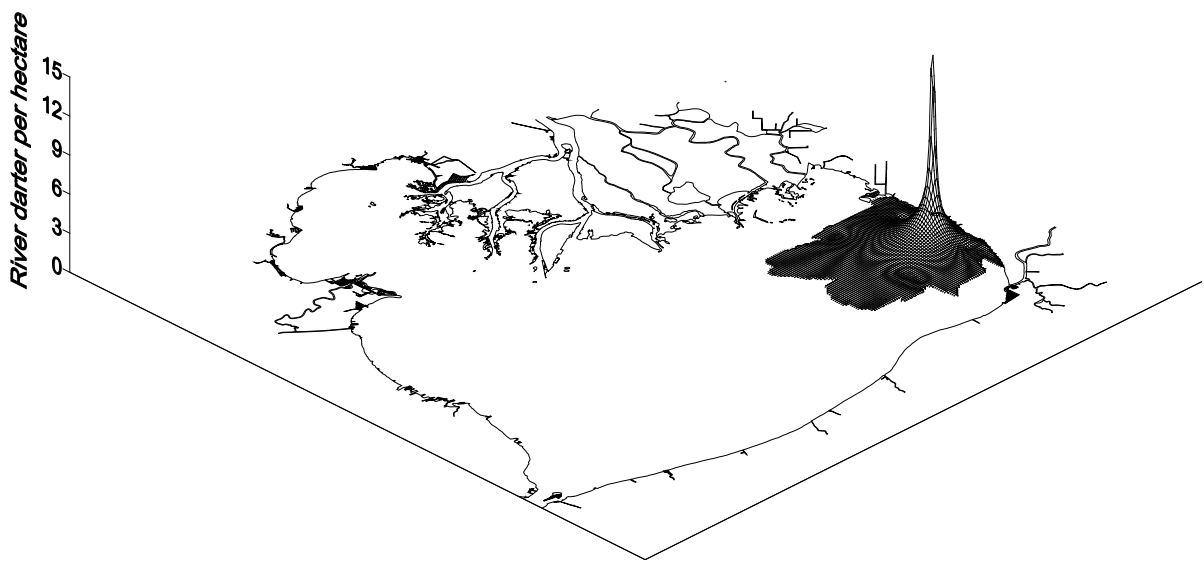
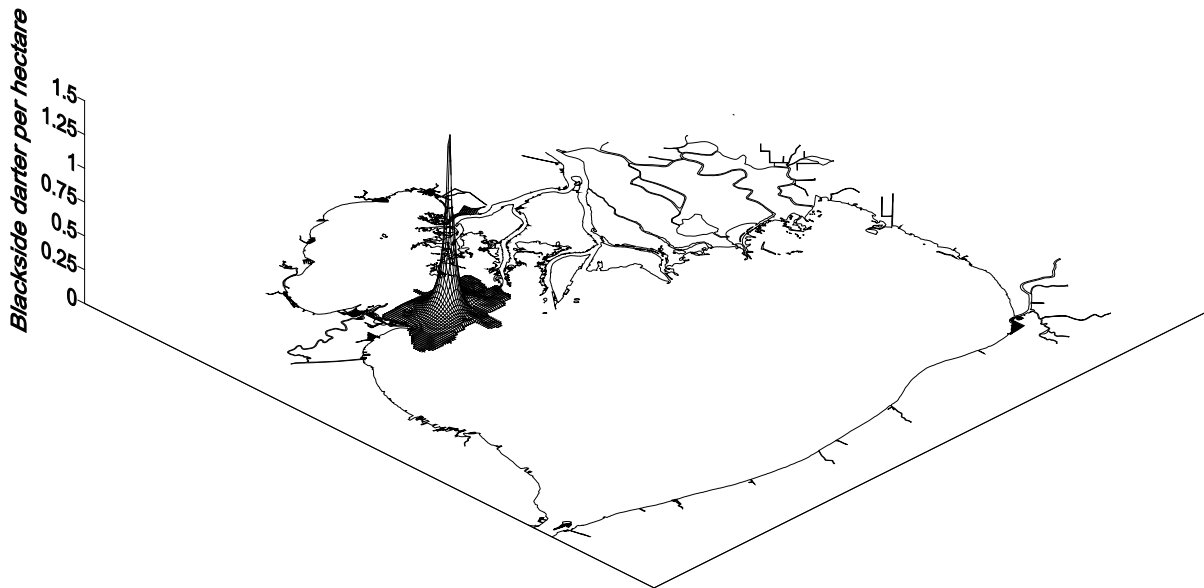
Appendix 23. – Spatial distribution maps for black crappie (top) and largemouth bass (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



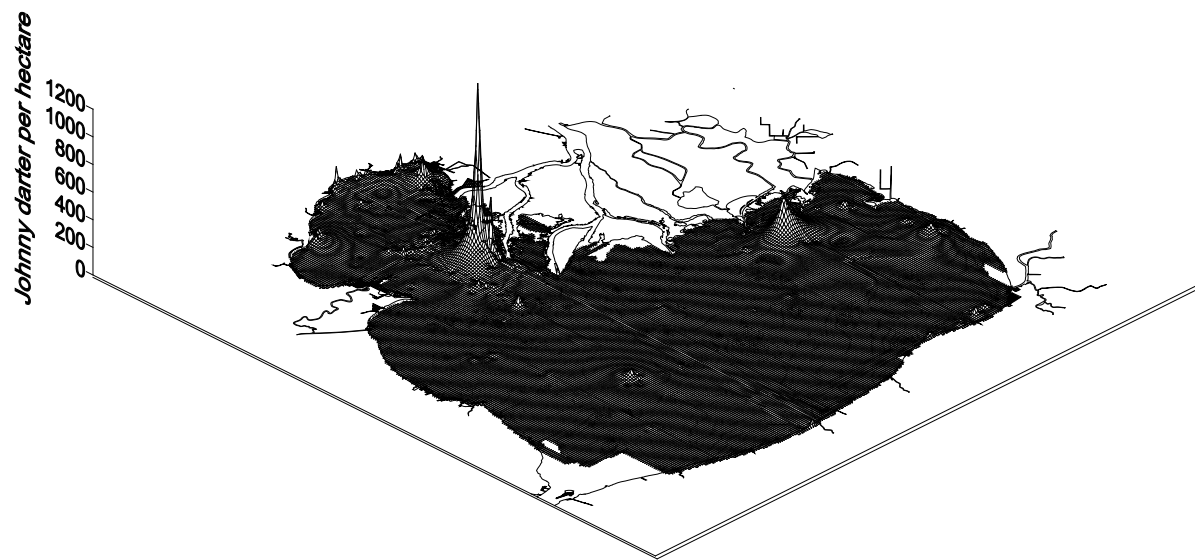
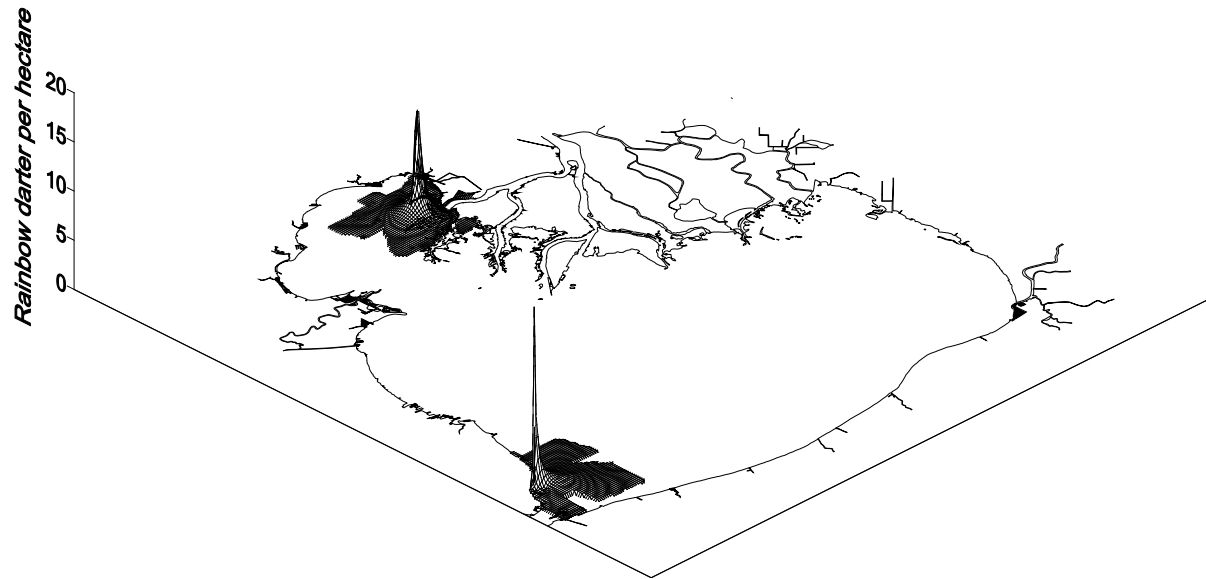
Appendix 24. – Spatial distribution maps for smallmouth bass (top) and eastern sand darter (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



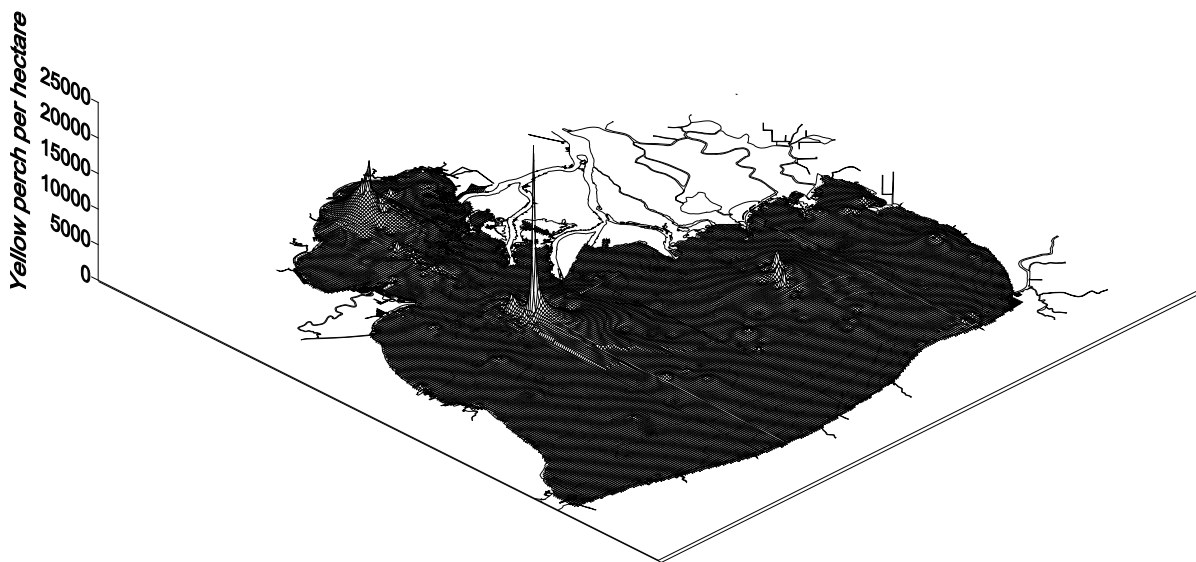
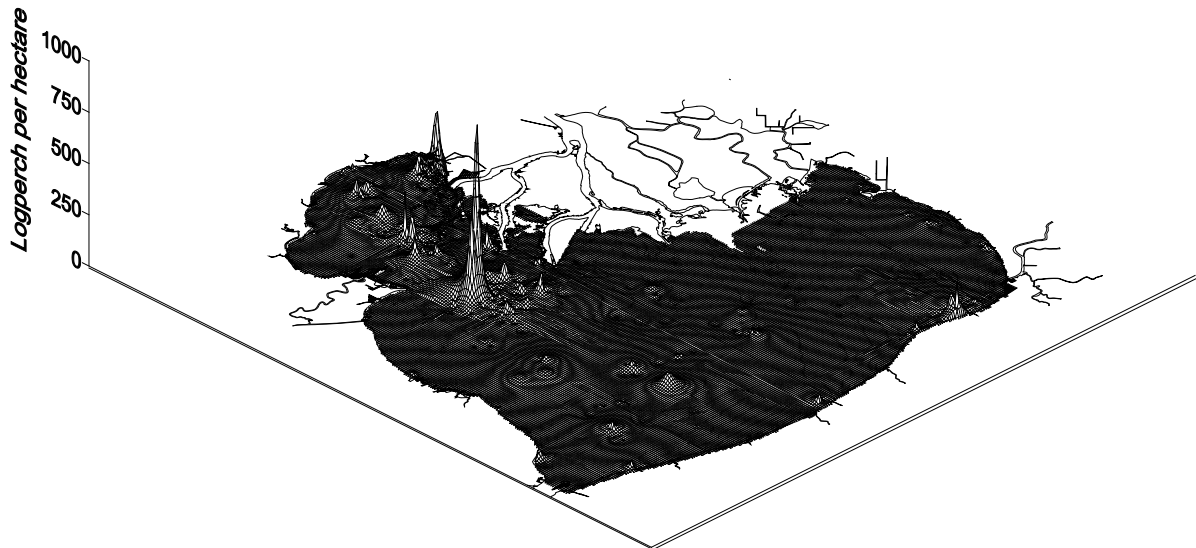
Appendix 25. – Spatial distribution maps for Iowa darter (top) and Channel darter (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



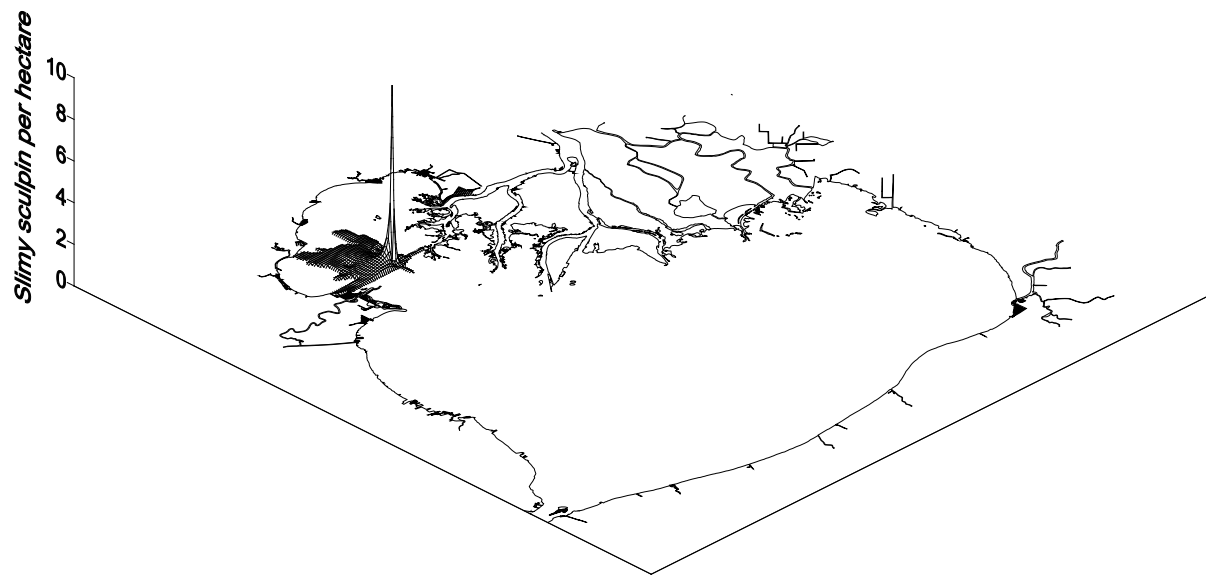
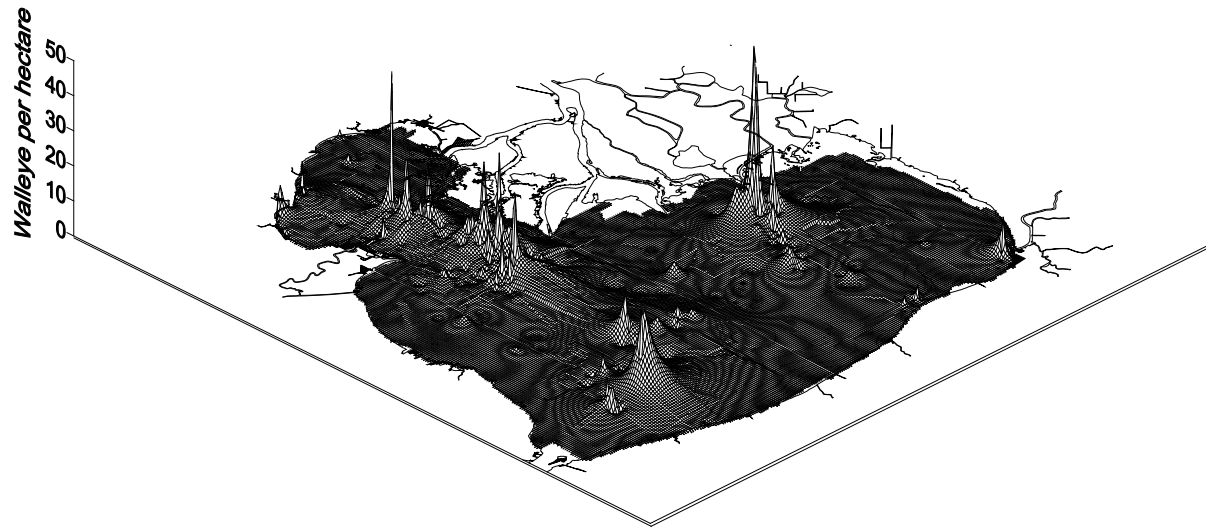
Appendix 26. – Spatial distribution maps for blackside darter (top) and river darter (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



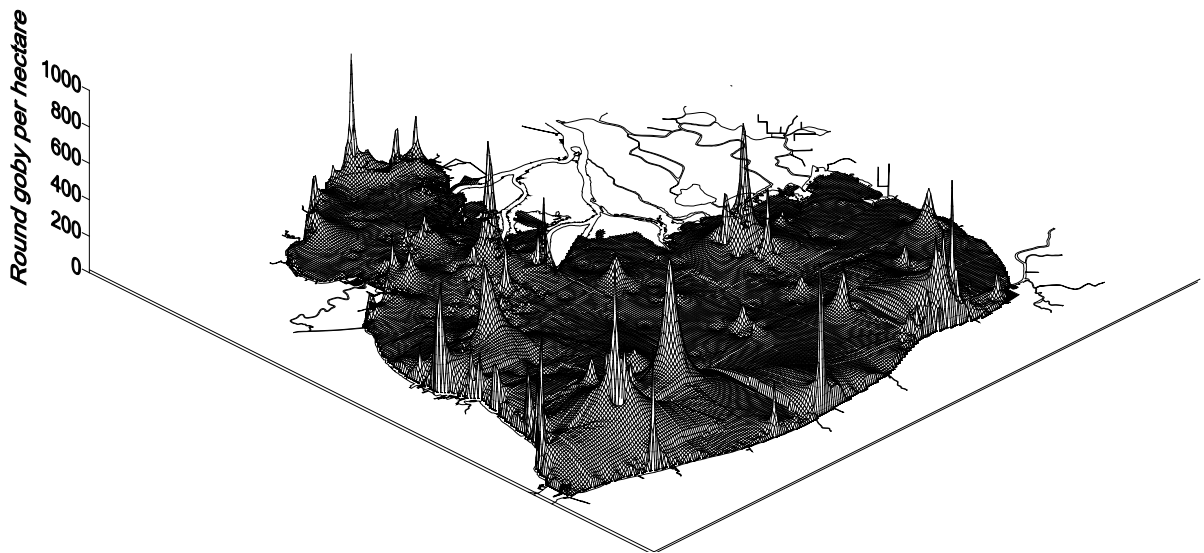
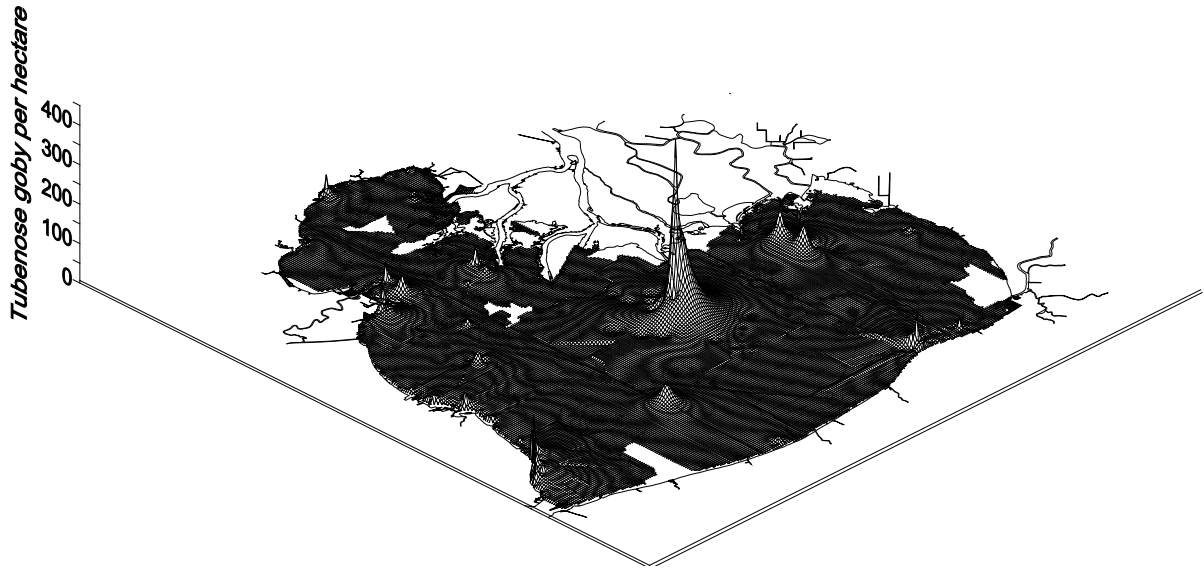
Appendix 27. – Spatial distribution maps for rainbow darter (top) and Johnny darter (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



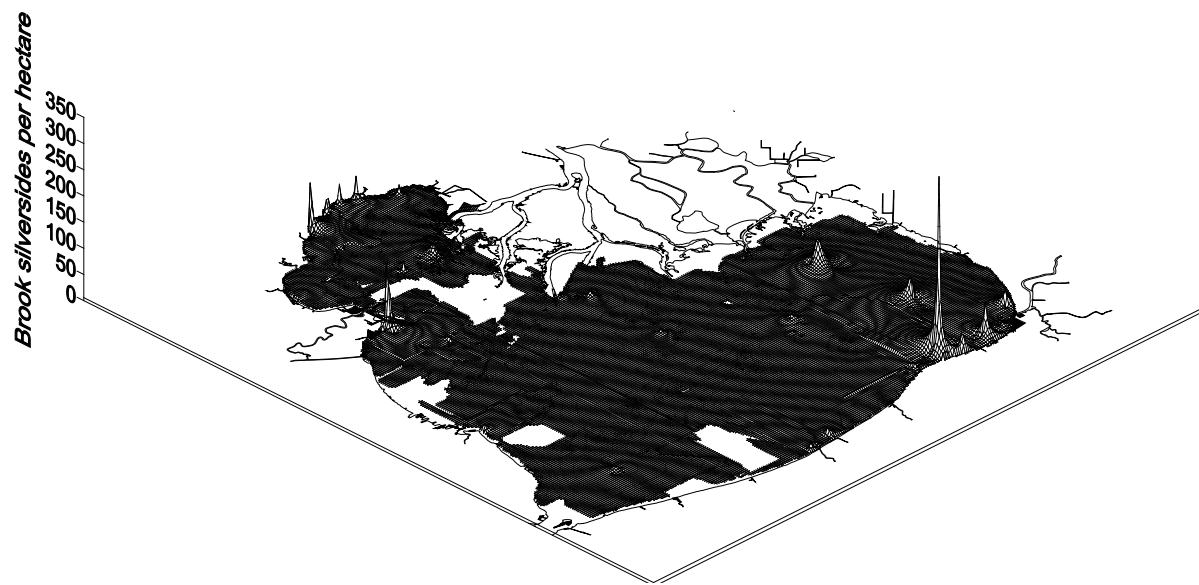
Appendix 28. – Spatial distribution maps for logperch (top) and yellow perch (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



Appendix 29. – Spatial distribution maps for walleye (top) and slimy sculpin (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



Appendix 30. – Spatial distribution maps for tubenose goby (top) and round goby (bottom) in Lake St. Clair based on trawl catches from 1996 to 2001.



Appendix 31. – Spatial distribution map for brook silversides in Lake St. Clair based on trawl catches from 1996 to 2001.