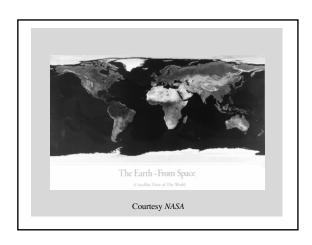
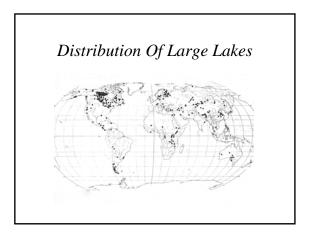
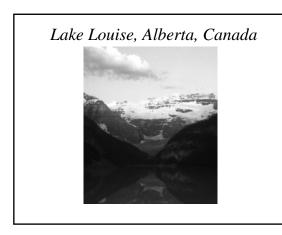
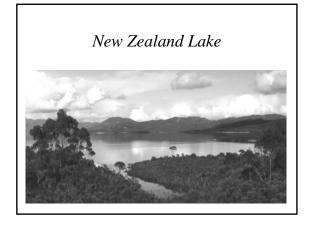


Limnology The Science Of Lakes

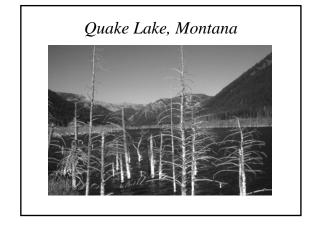




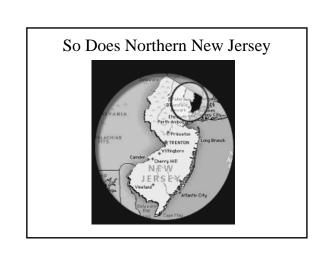


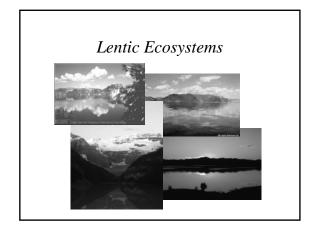


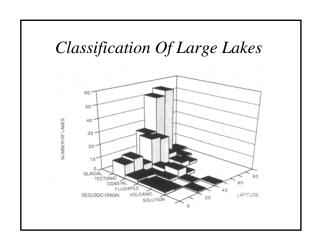
Pedder Lake, Australia
(Tasmania)

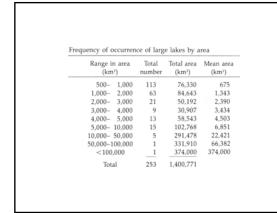


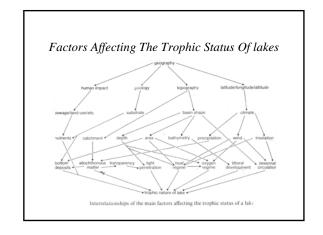


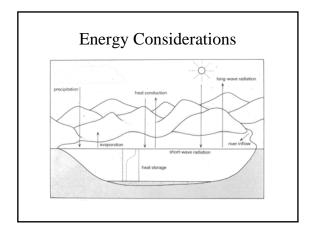


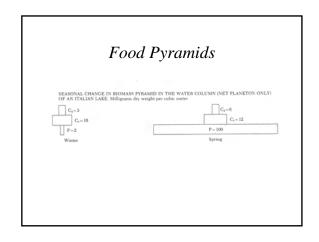


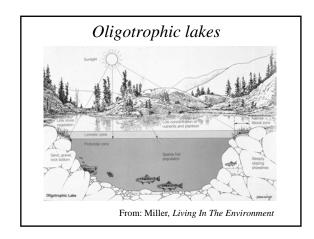


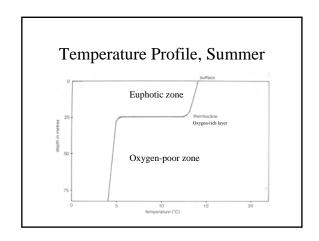


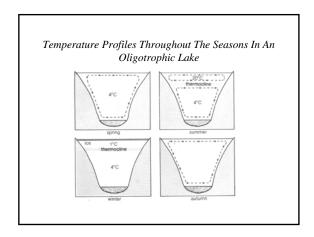


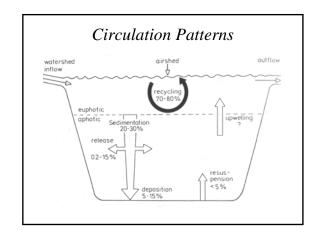


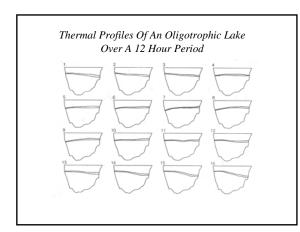


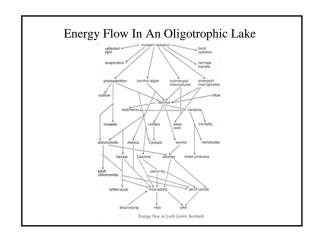


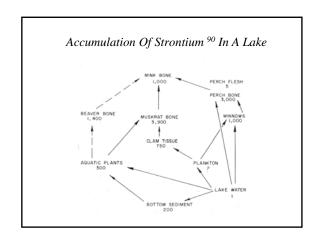


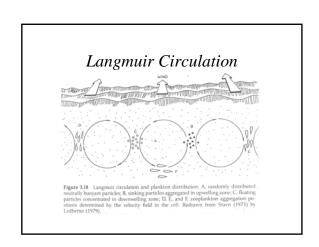


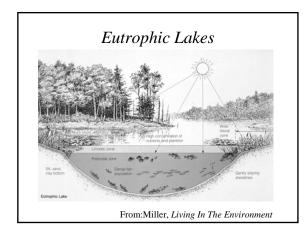


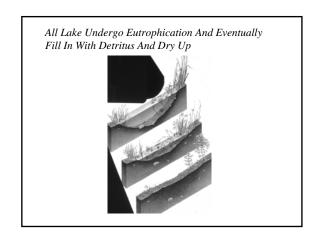








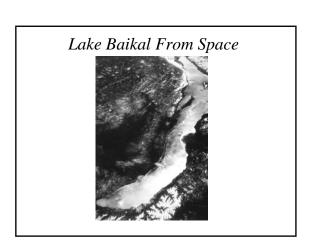


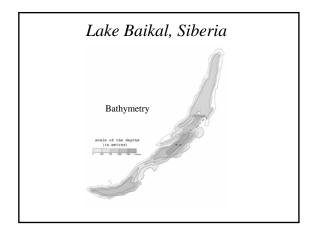




Unusual Lakes



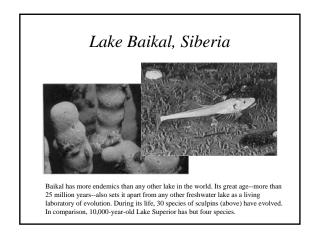


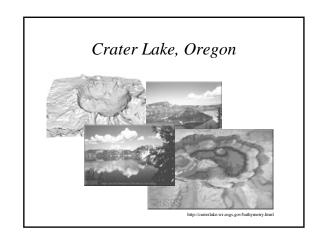












Crater Lake, Oregon



Biological studies include the discovery of bacterial colonies associated with hydrothermal fluids. These yellow-orange mats consist of thousands of *Gallionella* and *Leptothrik* bacteria. Golden-colored bacteria were found surrounding Llao's Bath. A thick band of moss, *Drepanociadus aduncus*, encircles the lake at depths from 26-140 m (85-460 ft). It hangs like icicles on vertical cliffs and forms thick, lush fields on the gentler slopes around Wizard Island. A fascinating discovery is the animals living in the deepest basin of Crater Lake (589 m, or 1,932 ft). These animals which withstand such high water pressure include flatworms, nematodes, earthworms, copepods, ostracods, and the midge fly *Heterotrissociadius*.

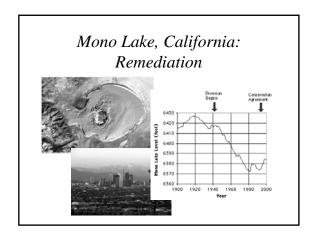
Mono Lake, California

Mono Lake, California: Birds feeding on shrimp and flies Ecology

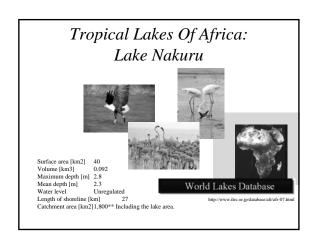
Alkali Flies

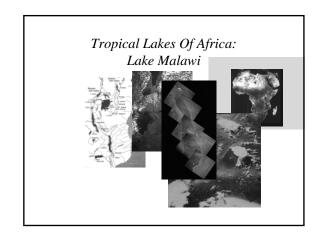
Brine Shrimp

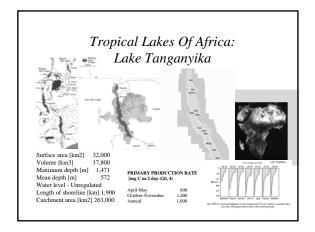


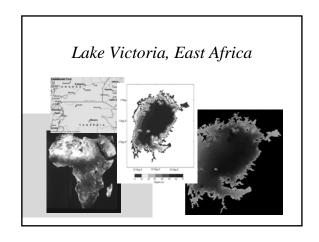






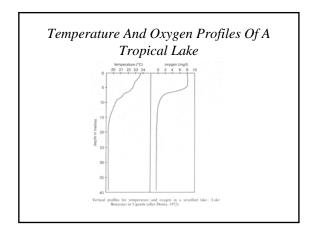




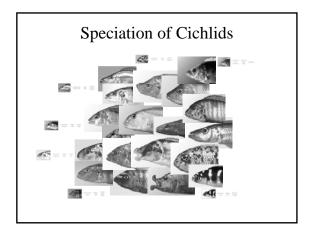


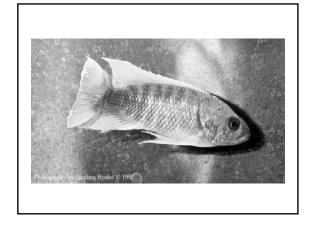


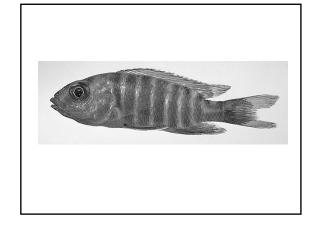
Lake	World Rank in Size	Area km² (miles²)	Depth m (feet)	Clarity m (feet)	Age in Years	Cichlia Species
Tanganyika	7th	34,000	1,470	22	6 million	300
		(13,100)	(4,823)	(72)		
Malawi	9th	31,600	700	17	1-2 million	500
		(12,200)	(2,310)	(56)		
Victoria	3rd	68,600	95	1-8	12,400	400
		(26,500)	(305)	(3-25)		

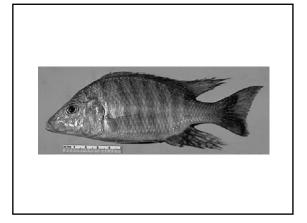


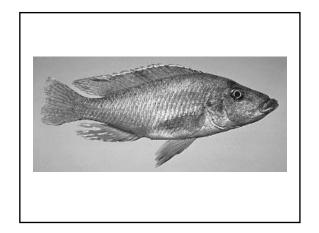
Lakes Malawi And Tanganyika: Speciation Of Cichlids



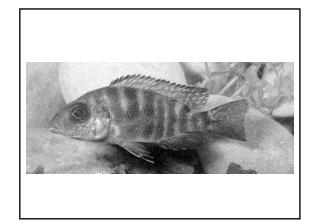


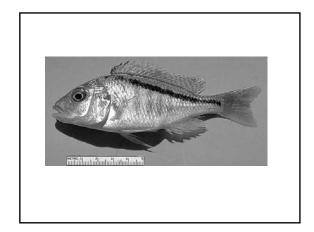


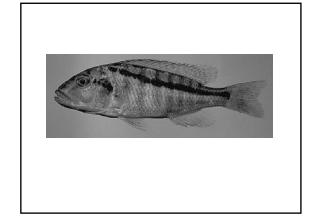


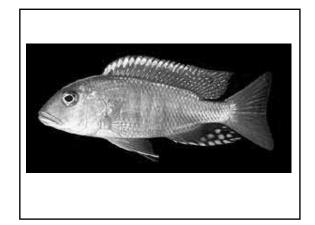


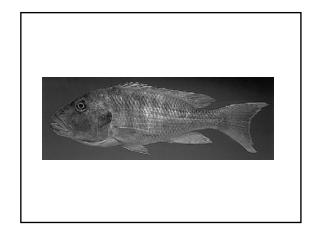


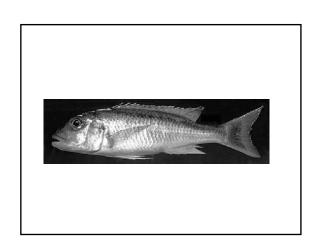


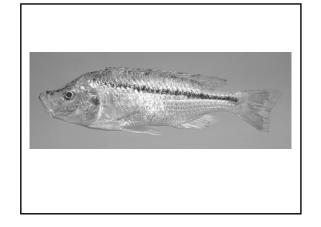


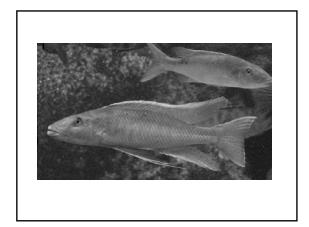






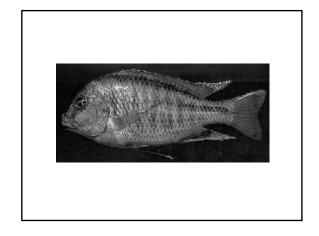


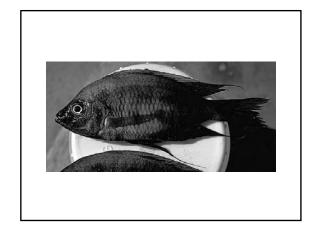


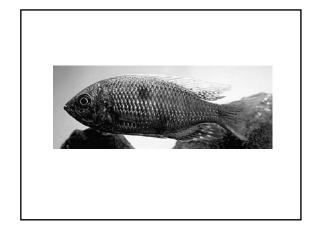


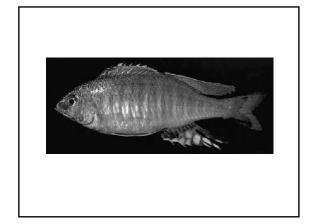


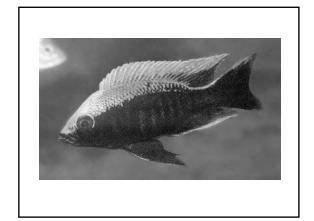


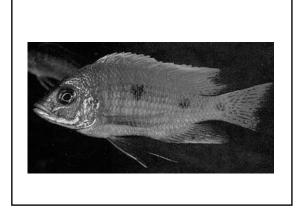


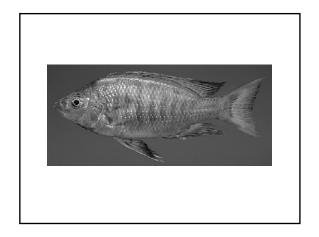


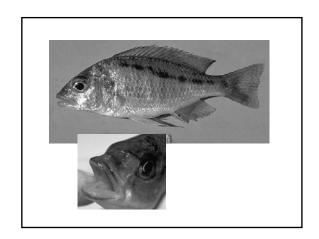




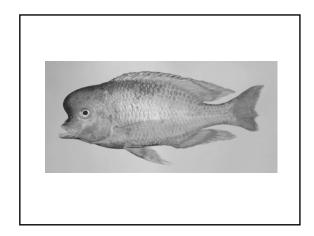


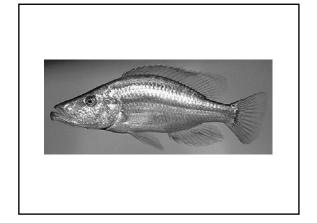


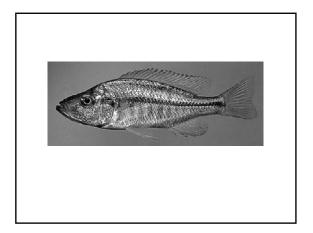


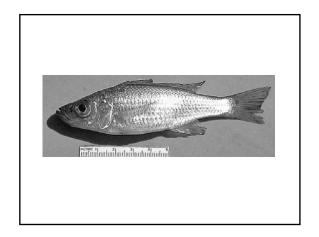


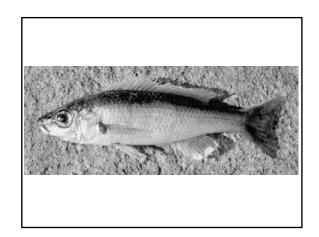


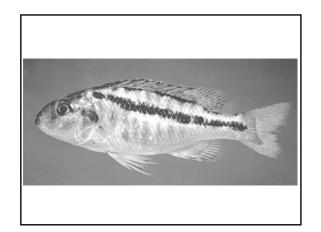


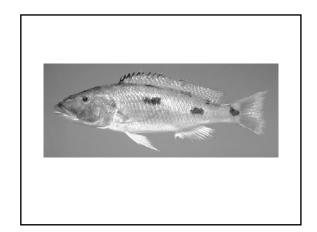


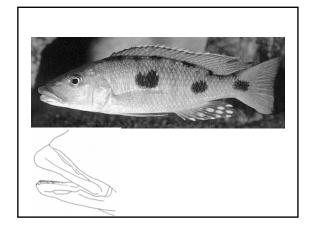




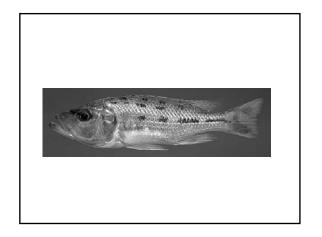




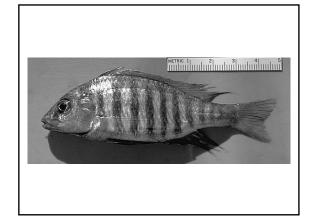


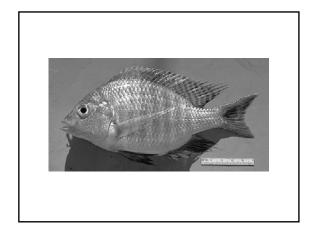


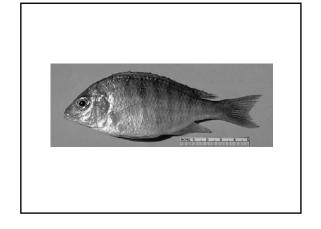


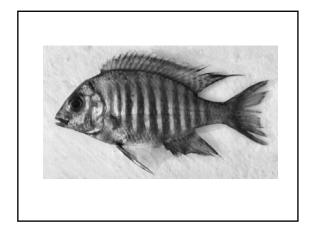


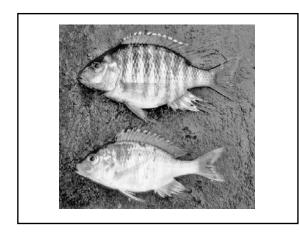


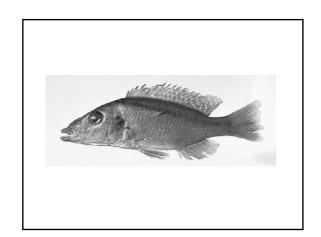




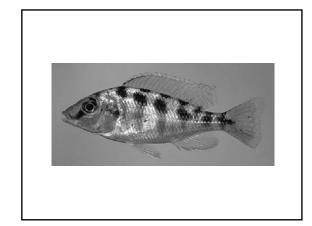




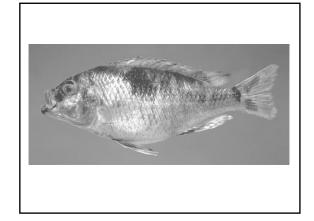






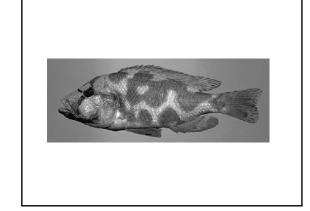






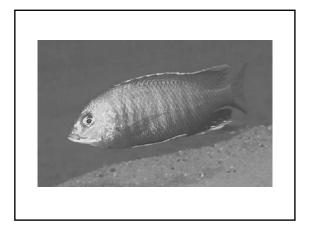


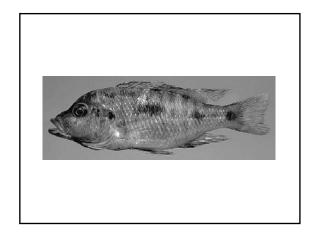


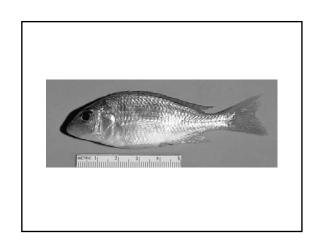


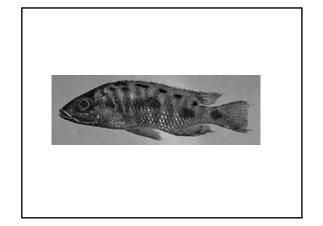


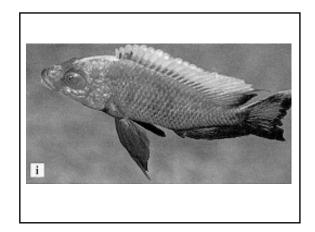


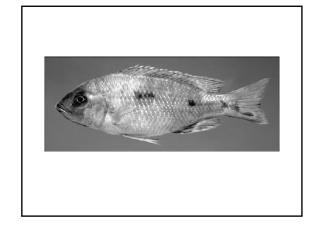


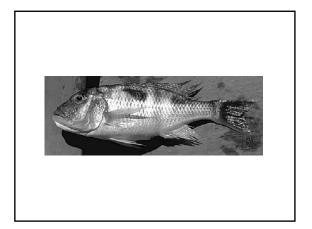


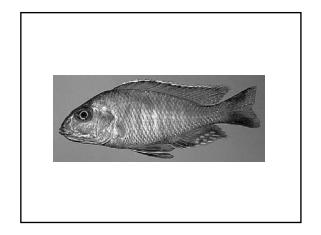


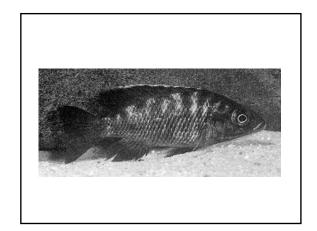




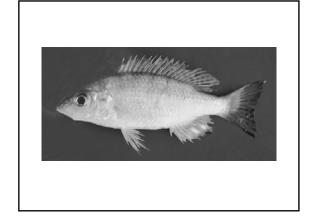


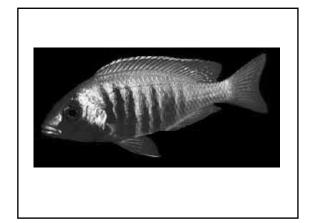


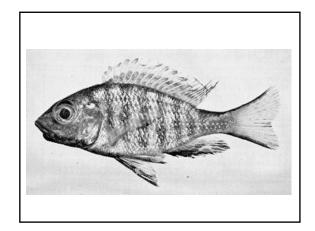


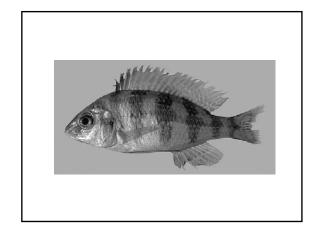


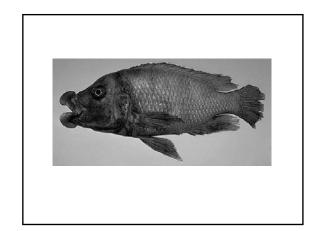




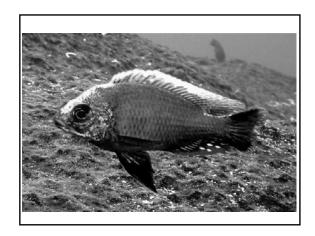




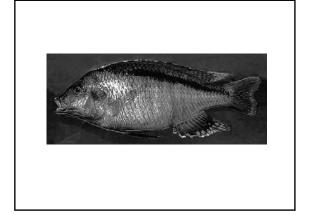


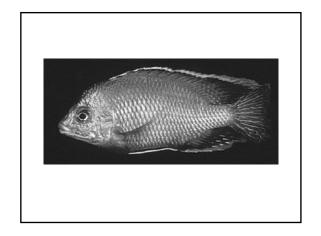


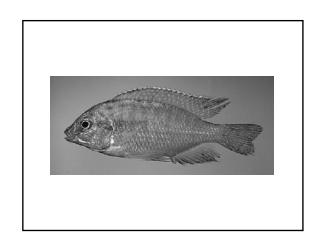


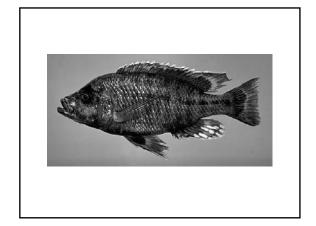


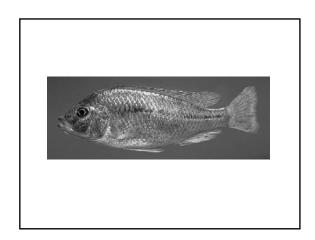


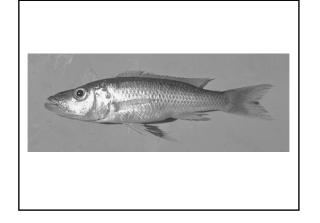


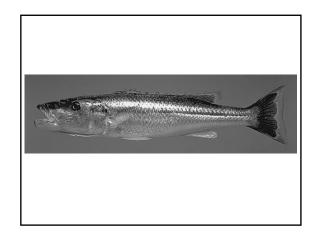


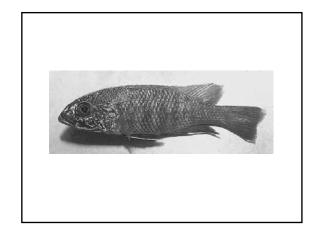




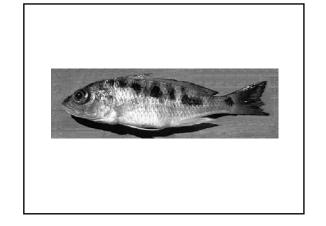


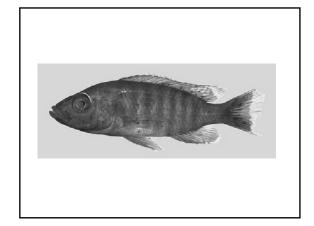


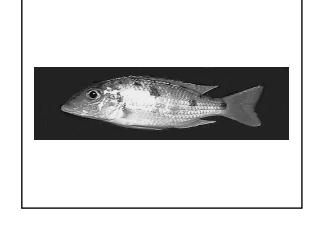


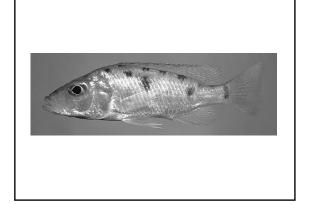


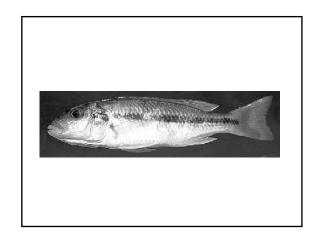


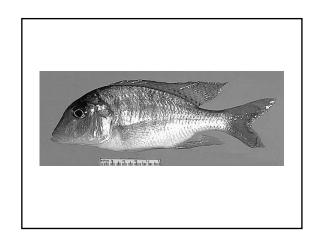


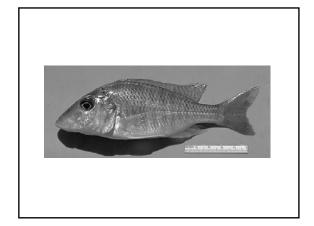


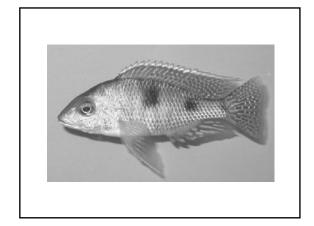


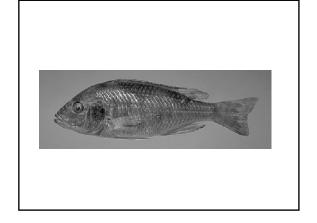


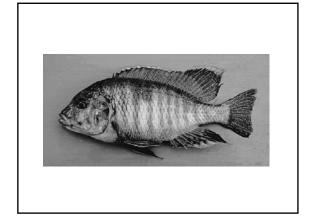


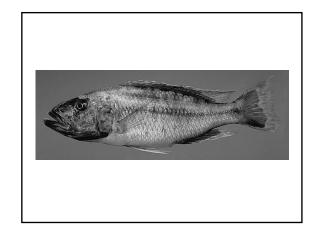


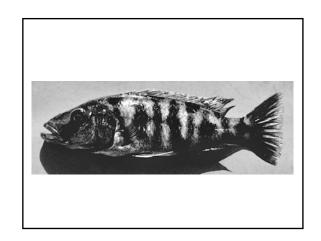


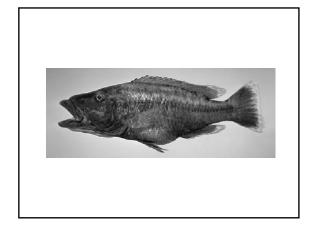






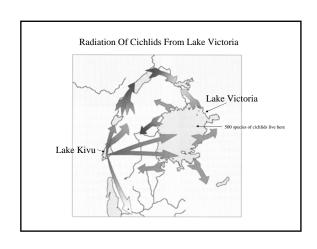


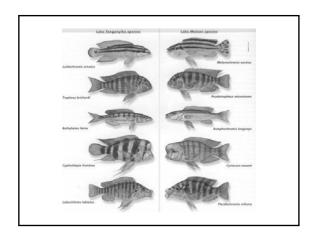


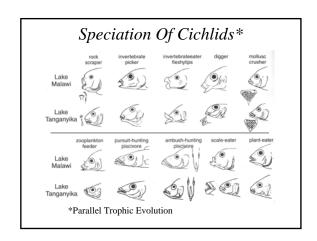


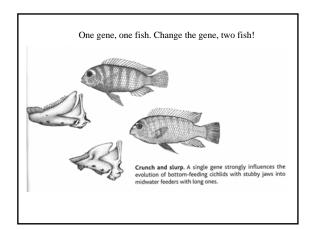


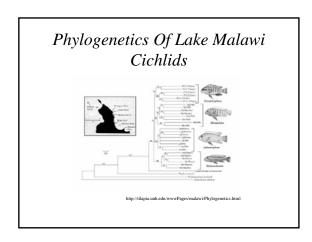


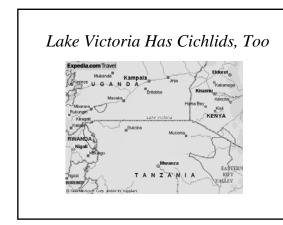






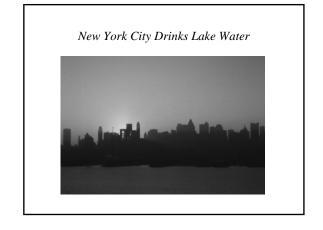


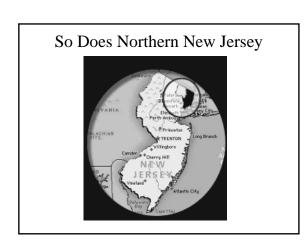


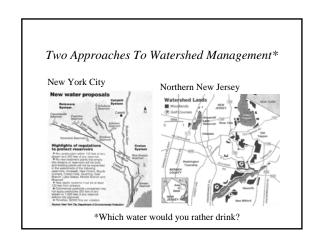


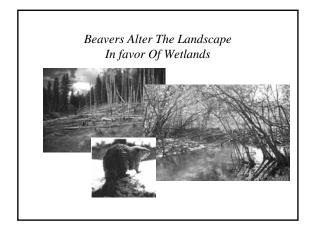
That Is Until Someone Stocked It With Nile Perch!

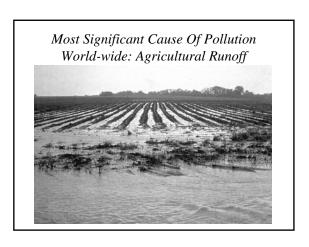
Nile Perch And Foe

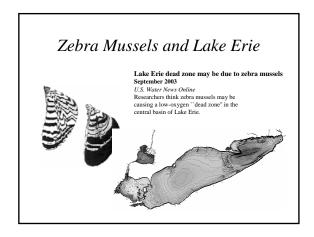


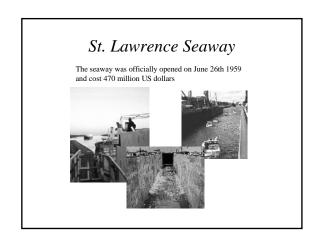


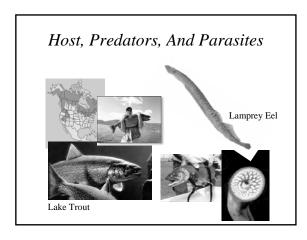


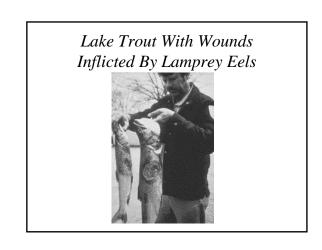


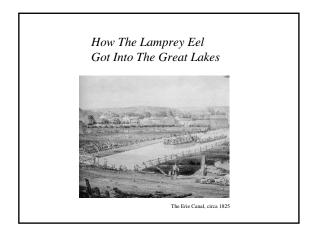


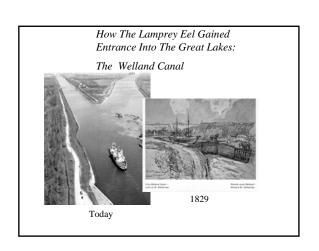










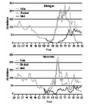


Controlling Lamprey Populations

- 1. Lampricides TMF (3-trifluoromethy-4-nitrophenol)
- 2. Adult lamprey trapping



The Lamprey Eel And Lake Trout: Remediation (of sorts)



Lake Trout in the Great Lakes

by Michael J. Hansen National Biological Service James W. Peck Michigan Department of Natural Resources

Lake trout (Salvelinus namaycush) populations in the Great Lakes collapsed catastrophically during the 1940's and 1950's because of excessive predation by the sea lamprey (Petromyzon marinus) and exploitation by fisheries.