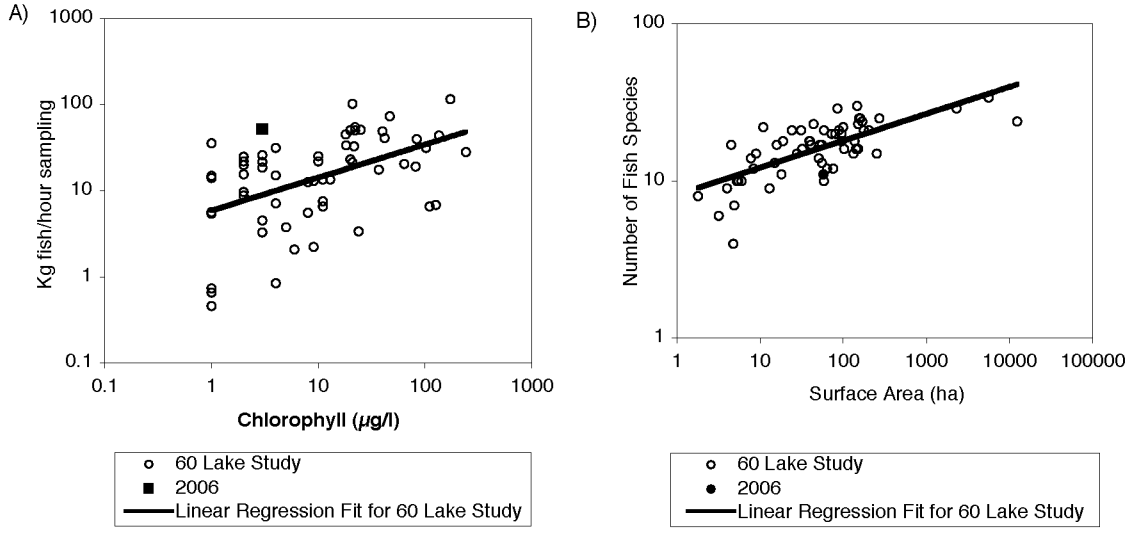
Osceola (Hillsborough County)

2006 LAKEWATCH Electrofishing Data

Species[1]	#/hr	kg/hr[2]	Canfield and Hoyer (1992) Ranges		
			min weight (kg/hr)	mean weight (kg/hr)	max weight (kg/hr)
Black crappie	4	0.37	0.007	0.606	2.837
Blue tilapia	1	1.98	0.611	2.31	5.57
Bluegill	223	2.10	0.039	4.495	28.118
Bowfin	7	3.90	0.746	5.765	22.497
Brook silverside	104	0.29	0	0.011	0.085
Florida gar	12	5.24	0.08	5.083	32.858
Golden shiner	1	0.02	0.004	0.591	4.221
Lake chubsucker	18	7.63	0.013	3.758	16.19
Largemouth bass	76	29.30	0.112	8.552	28.464
Redear sunfish	7	0.60	0.037	2.316	18.31
Warmouth	4	0.10	0	0.147	1.196
Total	457	51.54			

[1] Total # of species = 11.

[2] Weights calculated using regressions from Hoyer and Canfield 1994 and from Florida Fish and Wildlife Conservation Commission (personal communication).



A) Catch per unit of effort (kg of fish / hour of sampling) versus total chlorophyll (µg / l) for 60 Florida lakes sampled by Canfield & Hoyer (1992) (O) & Lake Osceola (Hillsborough County) for electrofishing sampling from 2006.

B) Number of fish species collected versus surface area for 60 Florida lakes sampled by Canfield & Hoyer (1992) (O) & Lake Osceola (Hillsborough County) (2006) (•) electrofishing. The power lines represent linear regressions of 60 Florida lakes.