

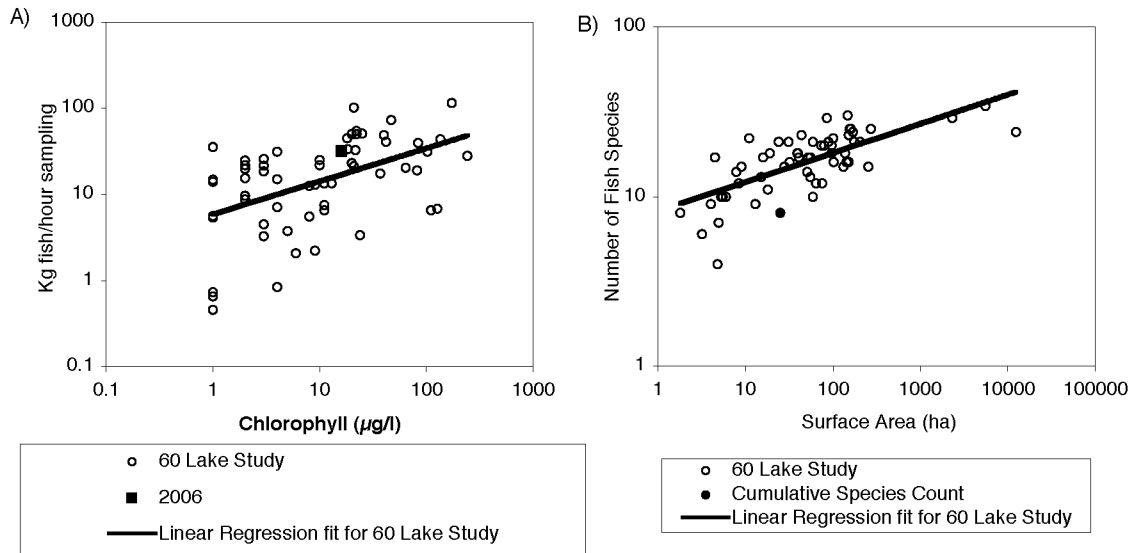
Eckles (Hillsborough County)

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)
Blue tilapia	6	8.98	0.611	2.31	5.57
Black crappie	3	0.18	0.007	0.606	2.837
Bluegill	248	3.21	0.039	4.495	28.118
Brook silverside	24	0.07	0	0.011	0.085
Florida gar	11	7.35	0.08	5.083	32.858
Golden shiner	18	0.59	0.004	0.591	4.221
Largemouth bass	24	8.29	0.112	8.552	28.464
Redear sunfish	15	3.19	0.037	2.316	18.31
Total	349	31.86			

¹ Total # of species = 8.

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 Eckles (Hillsborough County) for electrofishing sampling from 2005.

B) Number of fish species collected versus surface area for 60 Florida lakes sampled by Canfield & Hoyer (1992) (O) & Lake Eckles (Hillsborough County) (1999-2004) (●) electrofishing. The power lines represent linear regressions of 60 Florida lakes.