Supplementary Materials

Table S1: Catch and effort data for selected species in Malawi.

Chambo (Oreochromis Species)				Utaka (Copadichromis Species)				Ndunduma (Diplotaxadon Species)			
Year	**Catch**	**Effort**	**CPUE**	**Year**	**Catch**	**Effort**	**CPUE**	**Year**	**Catch**	**Effort**	CPUE
1976	4118	813,595	0.005061	2000	1804	1,043,571	0.001728894	2000	173	1,043,571	0.000166
1977	4161	762,931	0.005454	2001	1758	1,214,394	0.001447709	2001	285	1,214,394	0.000235
1978	4921	689,035	0.007142	2002	1242.19	848,380	0.001464191	2002	198.38	848,380	0.000234
1979	1956	301,023	0.006498	2003	2412.39	1,367,939	0.001763522	2003	36.01	1,367,939	0.000026
1980	4344	352,134	0.012336	2004	1619.69	1,426,864	0.00113514	2004	620	1,426,864	0.000435
1981	6017	720,697	0.008349	2005	4336.18	1,540,200	0.002815336	2005	314.99	1,540,200	0.000205
1982	8485	367,548	0.023085	2006	1565.99	1,609,589	0.000972913	2006	214.87	1,609,589	0.000133
1983	6055	472,425	0.012817	2007	2214.98	1,243,937	0.001780621	2007	100.86	1,243,937	0.000081
1984	6678	356,979	0.018707	2008	2067.65	1,248,580	0.001656001	2008	354.07	1,248,580	0.000284
1985	5159	371,389	0.013891	2009	54.7	115,550	0.000473388	2009	223.27	115,550	0.001932
1986	4969	809,868	0.006136	2010	3306.85	1,324,511	0.00251565	2010	189.58	1,324,511	0.000144
1987	2023	523,240	0.003866	2011	1837.24	743,978	0.002469482	2011	189.58	743,978	0.000255
1988	1900	626,868	0.003031	2012	712.29	923,865	0.000770989	2012	200.81	923,865	0.000217
1989	1295	943,509	0.001373	2013	666.75	1,024,610	0.000650735	2013	193.32	1,024,610	0.000189
1990	504	871,649	0.000578	2014	2419	965,200	0.002506216	2014	194.57	965,200	0.000202
1991	522	1,373,226	0.00038	2015	1312.94	328,988	0.003990838	2015	200	328,988	0.000608
1992	545	1563548	0.000349	2016	2772.33	422,289	0.006564993	2016	101	422,289	0.000239
1993	83	1,029,157	0.000081	2017	2040.19	402302	0.005071289	2017	373.55	402,302	0.000928
1994	82	1,033,018	0.000079	2018	500.95	379,188	0.001321111	2018	88.2	379,188	0.0002326
1995	193	1,368,993	0.000141	2019	2771.15	401,212	0.006906959	2019	655.3	401,212	0.001633
1996	127	2,330,700	0.000054	2020	1137.43	303,332	0.003749789	2020	534.1	303,332	0.0017608
1997	104	1,783,021	0.000058	2021	1236.51	204,111	0.006058036	2021	601	204,111	0.0029445
1998	98	1,892,877	0.000051	2022	1115.73	199,338	0.00559719	2022	966.8	199,338	0.00485
1999	73	2,835,502	0.000026	2023	715.03	202,554	0.003530084	2023	1200.6	202,554	0.0059274

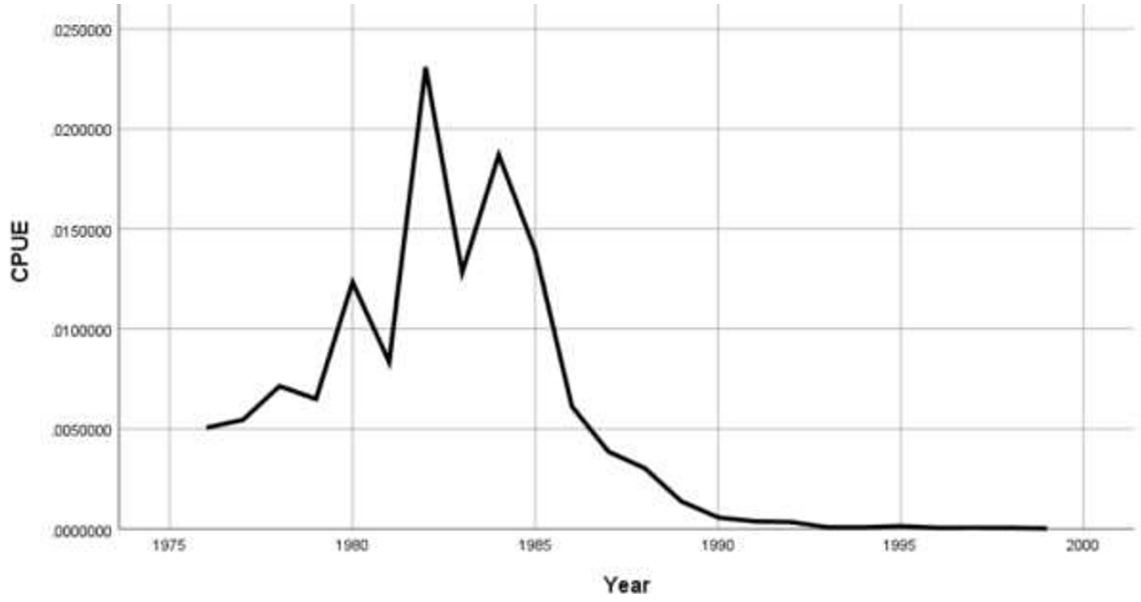

Figure S1: CPUE for Chambo (Oreochromis species) fishery in Lake Malombe from 1976 to 1999

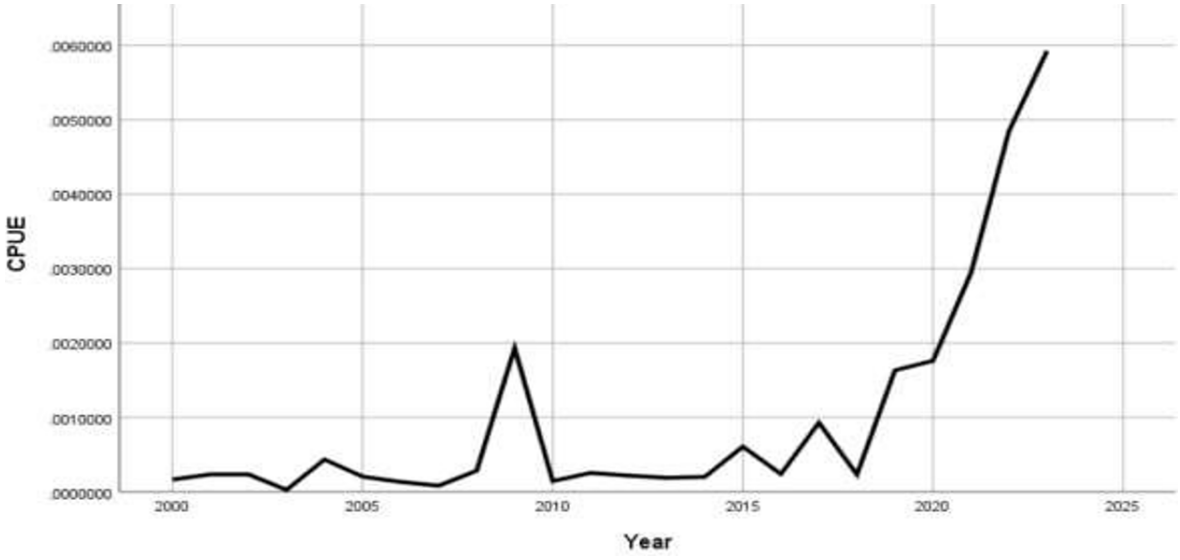

Figure S2: CPUE for Ndunduma (Diplotaxadon species) fishery in Lake Malombe from 2000 to 2023