

## Annex 5: The overall percentage composition of Haplochromines from different lakes in the Kyoga Lake Basin

HAPLOCHROMINE SPECIES	LAKES								Mean of Minor lakes	Mean of all lakes
	Lemwa	Kawi	Agu	Nyaguo	Gigate	Nawampasa	Nakuwa	Kyoga		
<i>Astatoreochromis alluaudi</i>	0.72	1.19	3.19	0.50	0.87	0.15	0.00	0.27	0.77	0.74
<i>Astatotilapia latifasciata</i>	0.00	0.00	0.64	0.00	0.69	1.41	0.00	0.00	0.70	0.65
<i>Astatotilapia martini</i>	0.10	0.00	0.00	0.74	0.04	0.00	0.00	0.00	0.05	0.05
<i>Astatotilapia nubile</i>	22.98	8.71	3.19	25.81	0.43	0.30	22.22	25.97	4.35	5.66
<i>Astatotilapia “miniblack”</i>	0.10	0.00	7.99	0.00	0.74	5.90	0.00	0.00	2.00	1.88
<i>Astatotilapia “fattooth”</i>	54.66	64.37	17.57	49.13	26.22	39.03	44.44	0.00	36.61	34.40
<i>Astatotilapia “macrops”</i>	0.00	0.16	0.00	1.49	0.28	0.07	0.00	0.00	0.23	0.22
<i>Astatotilapia “thicklipped”</i>	0.00	0.00	0.00	0.00	0.07	0.04	0.00	0.00	0.04	0.04
<i>Astatotilapia “kyogaastato”</i>	0.00	0.00	0.00	0.00	0.00	0.15	33.33	6.97	0.25	0.65
<i>Gaurochromis sp</i>	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.05	0.04	0.04
<i>Haplochromis lividus</i>	13.04	0.63	43.13	0.50	43.74	32.27	0.00	0.14	31.78	29.86
<i>Lipochromis “blackcryptodon”</i>	0.21	3.48	0.64	0.74	0.39	0.82	0.00	0.14	0.84	0.79
<i>Lipochromis cryptodon</i>	0.00	0.40	0.00	0.50	0.05	0.00	0.00	0.00	0.09	0.08
<i>Lipochromis microdon</i>	0.00	0.24	0.64	0.00	0.44	0.41	0.00	0.00	0.36	0.34
<i>Lipochromis obesus</i>	0.00	2.69	4.79	0.50	0.97	0.67	0.00	0.00	1.09	1.02
<i>Lipochromis parvidens</i>	0.00	0.16	1.92	0.00	1.22	0.97	0.00	0.14	0.91	0.86
<i>Lipochromis “white”</i>	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
<i>Lipochromis maxillaris</i>	0.00	0.32	0.64	0.00	0.05	0.52	0.00	0.00	0.20	0.19
<i>Paralabidochromis</i>	6.83	1.43	0.00	0.00	0.02	0.00	0.00	40.73	0.75	3.17

<i>“blackpara”</i>										
<i>Paralabidochromis “redfin”</i>	0.10	0.63	0.00	0.00	0.25	0.59	0.00	0.00	0.34	0.32
<i>Paralabidochromis “deep body”</i>	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.02
<i>Prognathochromis argenteus</i>	0.62	2.38	5.11	0.00	0.60	4.79	0.00	0.00	1.89	1.78
<i>Prognathochromis “long lower jaw piscivore”</i>	0.00	0.00	0.00	0.50	0.04	0.00	0.00	0.00	0.04	0.03
<i>Prognathochromis pellegrini</i>	0.00	0.00	2.56	0.00	0.00	3.79	0.00	0.00	0.97	0.91
<i>Prognathochromis “silvermale”</i>	0.00	0.00	0.00	1.99	0.00	0.00	0.00	0.00	0.07	0.07
<i>Prognathochromis “black red tail piscivore”</i>	0.00	0.00	0.00	0.74	0.00	0.07	0.00	0.00	0.04	0.04
<i>Prognathochromis “stilleto”</i>	0.00	0.08	0.32	0.00	0.00	1.89	0.00	0.00	0.47	0.44
<i>Prognathochromis “shovelmouth”</i>	0.00	8.31	2.24	13.90	1.60	2.90	0.00	19.27	2.96	3.95
<i>Ptyochromis “gigatisheller”</i>	0.00	0.00	0.00	0.25	0.04	0.04	0.00	0.00	0.04	0.03
<i>Pyxichromis orthostoma</i>	0.41	4.35	0.00	1.99	0.34	0.41	0.00	0.27	0.85	0.82
<i>Paralabidochromis “victoriae”</i>	0.00	0.00	0.32	0.74	0.00	0.00	0.00	0.00	0.04	0.03
<i>Xystichromis phytophangus</i>	0.00	0.16	5.11	0.00	20.81	2.34	0.00	0.27	11.06	10.40
<i>Yssichromis “lemwa zooplanktivore”</i>	0.21	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03
<i>Yssichromis “kyoga”</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.02

<i>zooplanktivore</i>										
<i>Paralabidochromis</i> “earthquake”	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	0.00	0.14
<i>Prognathochromis guiarti</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.04
<i>Paralabidochromis</i> “flame back”	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41	0.00	0.15
<i>Paralabidochromis</i> “silverpara”	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.04	0.03
<i>Haplochromis</i> “unicuspid”	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.02	0.02
<i>Astatotilapia</i> “redtailfattooth”	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.01
<i>Astatotilapia</i> “pseudomartini”	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.05	0.05
Grand total	100	100	100	100	100	100	100	100	100	100

(**Source:** Management of the fish stocks, Biodiversity and the Environment of Kyoga basin lakes. Proceedings of a Stakeholder workshop on Kyoga basin lakes. 18<sup>th</sup> – 20<sup>th</sup> October, Jinja, Uganda.)