

species	sample size	yellow	orange	red	blue	green	goodness of fit
<i>Altalamprologus calvus</i>	45	6	21	162	0	1	p<0.001
<i>Altalamprologus compressiceps</i>	50	77	104	11	2	10	p<0.001
<i>Astatotilapia burtoni</i>	36	11	43	154	0	0	p<0.001
<i>Chalinochromis brichardi</i>	45	13	31	10	7	2	p<0.001
<i>Cyphotilapia frontosa</i>	43	14	29	11	6	30	p<0.001
<i>Cyprichromis sp. leptosoma</i>	50	8	0	1	0	11	p<0.001
<i>Julidochromis dickfeldi</i>	30	3	75	33	0	9	p<0.001
<i>Julidochromis regani</i>	27	11	13	20	0	9	p<0.001
<i>Neolamprologus sexfasciatus</i>	18	3	2	62	0	24	p<0.001
<i>Ophthalmotilapia nasuta</i>	12	2	4	0	0	14	p<0.001
<i>Petrochromis polyodon</i>	11	17	48	16	1	2	p<0.001
<i>Tropheus duboisi</i>	70	67	169	250	6	18	p<0.001
<i>Tropheus moorii</i>	30	22	32	4	0	2	p<0.001
<i>Xenotilapia papilio</i>	75	1	8	31	0	1	p<0.001