

**Table S4.** Relative SWS2B quantum catch, location, depth and secchi disc readings for Victoria taxa.

	Location	Depth (m)	Secchi (cm)	SWS2B quantum catch (%)	SWS2B expression (%)
<i>Paralabidochromis chilotes</i>	Ruti	10	223	0.09	3.43
"	Makobe	2	225	4.29	2.48
<i>Pundamilia sp. "red head"</i>	Zue	2	150	4.29	23.29
<i>Neochromis omnicaeruleas</i>	Ruti	4	223	1.38	26.75
<i>Pundamilia azurea</i>	Ruti	12	223	0.05	2.04
<i>Lipochromis melanopterus</i>	Makobe	1	225	7.58	37.59
<i>Pundamilia nyererei</i>	Python	4	98	0.04	2.25
"	Makobe	6	225	0.49	18.39
"	Senga	6	200	0.49	20.34
<i>Pundamilia pundamilia</i>	Senga	2	200	4.29	22.79
"	Kissenda	2	78	0.37	2.42