

Export volume trends and the conservation status of commonly targeted ornamental fish from Malawi

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SUPPLEMENTARY TABLE 1. The conservation status and coefficients of the negative binomial regression of ornamental fish species exports trends adjusted for fish price and number of exporters from Lake Malawi between 1998 and 2021. Cons. Status = Conservation Status, Exp. Trend = Export trend. LC = Least concern, NT = near threatened, VU = Vulnerable, CR = Critically endangered, DD = Data deficient. Undescribed refers to the species of fish, which taxonomists have not provided formal scientific names and therefore the IUCN has not assessed their conservation status. The undescribed species are currently known by their trade names or temporary working names.

Species name	Cons. Status (IUCN, 2024)	Exp. Trend	Negative binomial regression coefficients (\pm Standard Errors)			
			Intercept	Year	Price	No. of exporters
<i>Aristochromis christyi</i>	LC	No trend	7.954 \pm 79.595	-0.002 \pm 0.040	-0.051 \pm 0.029.	0.411 \pm 0.227.
<i>Astatotilapia calliptera</i>	LC	No trend	-21.521 \pm 65.928	0.013 \pm 0.033	-0.034 \pm 0.038	-0.473 \pm 0.198*
<i>Aulonocara baenschi</i>	CR	No trend	-40.977 \pm 74.223	0.023 \pm 0.037	0.075 \pm 0.067	-0.120 \pm 0.233
<i>Aulonocara ethelwynnae</i>	NT	No trend	-201.996 \pm 110.160.	0.103 \pm 0.055.	0.034 \pm 0.069	-0.117 \pm 0.350
<i>Aulonocara hueseri</i>	LC	No trend	77.840 \pm 77.354	-0.036 \pm 0.038	-0.182 \pm 0.120	0.251 \pm 0.243
<i>Aulonocara jacobfreibergi</i>	LC	No trend	-55.995 \pm 103.939	0.028 \pm 0.052	0.036 \pm 0.018*	0.663 \pm 0.301*
<i>Aulonocara korneliae</i>	LC	No trend	140.069 \pm 80.136.	-0.067 \pm 0.040.	-0.190 \pm 0.125	0.451 \pm 0.241.
<i>Aulonocara nyassae</i>	NT	No trend	342.987 \pm 265.328	-0.167 \pm 0.132	-0.123 \pm 0.084	-0.271 \pm 0.653
<i>Aulonocara rostratum</i>	LC	No trend	-19.576 \pm 63.380	0.011 \pm 0.031	-0.007 \pm 0.030	0.478 \pm 0.190*
<i>Aulonocara</i> sp. 'walteri'	undescribed	No trend	-127.700 \pm 106.900	0.066 \pm 0.053	-0.009 \pm 0.104	-0.033 \pm 0.348
<i>Buccochromis heterotaenia</i>	LC	No trend	30.380 \pm 110.576	-0.013 \pm 0.055	-0.057 \pm 0.063	0.356 \pm 0.294
<i>Buccochromis lepturus</i>	LC	No trend	-9.874 \pm 82.347	0.006 \pm 0.041	0.068 \pm 0.070	0.282 \pm 0.237
<i>Buccochromis rhoadesii</i>	LC	No trend	47.744 \pm 83.727	-0.021 \pm 0.042	-0.155 \pm 0.065*	0.042 \pm 0.287
<i>Chilotilapia euchilus</i>	LC	No trend	-65.800 \pm 89.730	0.035 \pm 0.045	-0.001 \pm 0.053	0.223 \pm 0.302
<i>Chindongo saulosi</i>	CR	No trend	168.379 \pm 90.695	-0.080 \pm 0.045	-0.091 \pm 0.056	-0.194 \pm 0.279
<i>Chindongo socolofi</i>	LC	No trend	174.238 \pm 113.066	-0.085 \pm 0.057	-0.043 \pm 0.106	0.495 \pm 0.458
<i>Copadichromis azureus</i>	NT	No trend	-42.809 \pm 68.610	0.023 \pm 0.034	0.061 \pm 0.060	0.159 \pm 0.214
<i>Copadichromis borleyi</i>	LC	No trend	-6.472 \pm 51.672	0.006 \pm 0.026	0.040 \pm 0.065	0.124 \pm 0.186
<i>Copadichromis cyaneus</i>	LC	No trend	118.208 \pm 84.997	-0.057 \pm 0.042	0.035 \pm 0.052	0.199 \pm 0.259
<i>Copadichromis mloto</i>	DD	No trend	56.811 \pm 68.195	-0.025 \pm 0.034	-0.043 \pm 0.051	-0.111 \pm 0.206
<i>Copadichromis trewasasae</i>	LC	No trend	-139.747 \pm 76.234.	0.071 \pm 0.038	0.140 \pm 0.088	0.186 \pm 0.244
<i>Copadichromis verduyni</i>	LC	No trend	-38.197 \pm 56.220	0.023 \pm 0.028	-0.217 \pm 0.060***	-0.489 \pm 0.179**

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<i>Copadichromis virginalis</i>	NT	No trend	122.018 \pm 95.282	-0.060 \pm 0.048	0.082 \pm 0.055	0.697 \pm 0.391
<i>Cynotilapia afra</i>	LC	No trend	-41.582 \pm 41.265	0.025 \pm 0.021	-0.208 \pm 0.059***	-0.013 \pm 0.141
<i>Cynotilapia axelrodi</i>	LC	No trend	126.926 \pm 75.015.	-0.061 \pm 0.038	0.309 \pm 0.209	-0.066 \pm 0.218
<i>Cyrtocara moori</i>	VU	No trend	-160.915 \pm 95.124.	0.082 \pm 0.047	-0.027 \pm 0.027	0.145 \pm 0.201
<i>Dimidiochromis compressiceps</i>	LC	No trend	-32.020 \pm 75.910	0.018 \pm 0.038	0.016 \pm 0.059	0.245 \pm 0.211
<i>Fossorochromis rostratus</i>	LC	No trend	108.669 \pm 60.743.	-0.052 \pm 0.030	0.002 \pm 0.051	0.321 \pm 0.206
<i>Hemitaeniochromis spilopterus</i>	LC	No trend	-175.768 \pm 101.677.	0.090 \pm 0.051.	-0.109 \pm 0.057.	-0.195 \pm 0.285
<i>Iodotropheus sprengerae</i>	NT	No trend	88.884 \pm 132.076	-0.042 \pm 0.066	-0.119 \pm 0.081	0.168 \pm 0.374
<i>Labeotropheus fuelleborni</i>	LC	No trend	-20.091 \pm 68.880	0.012 \pm 0.035	0.223 \pm 0.082**	0.601 \pm 0.220**
<i>Labidochromis caeruleus</i>	LC	No trend	26.383 \pm 68.441	-0.011 \pm 0.034	-0.034 \pm 0.013*	0.596 \pm 0.195**
<i>Labidochromis chisumulae</i>	LC	No trend	27.274 \pm 103.303	-0.012 \pm 0.052	-0.048 \pm 0.059	0.285 \pm 0.331
<i>Labidochromis flavigulis</i>	NT	No trend	179.961 \pm 94.607	-0.088 \pm 0.048	-0.037 \pm 0.140	0.433 \pm 0.333
<i>Labidochromis gigas</i>	LC	No trend	159.511 \pm 144.040	-0.079 \pm 0.072	0.068 \pm 0.112	0.784 \pm 0.673
<i>Lethrinops albus</i>	LC	No trend	-245.650 \pm 171.390	0.123 \pm 0.085	0.161 \pm 0.140	0.222 \pm 0.467
<i>Lethrinops microstoma</i>	LC	No trend	-80.744 \pm 94.392	0.043 \pm 0.047	-0.140 \pm 0.105	-0.256 \pm 0.313
<i>Lethrinops</i> sp. 'red cap'	undescribed	No trend	106.714 \pm 136.616	-0.050 \pm 0.068	-0.011 \pm 0.022	-0.327 \pm 0.325
<i>Lichnochromis acuticeps</i>	LC	No trend	5.452 \pm 136.000	0.000 \pm 0.067	-0.096 \pm 0.063	0.388 \pm 0.252
<i>Mastacembelus shiranus</i>	LC	No trend	167.894 \pm 95.915.	-0.083 \pm 0.048.	-0.028 \pm 0.033	1.170 \pm 0.329***
<i>Melanochromis dialeptos</i>	LC	No trend	72.907 \pm 108.148	-0.035 \pm 0.054	0.023 \pm 0.158	0.566 \pm 0.273*
<i>Melanochromis loriae</i>	LC	No trend	85.674 \pm 51.324.	-0.040 \pm 0.026	-0.232 \pm 0.111*	0.241 \pm 0.168
<i>Metriaclima aurora</i>	LC	No trend	120.458 \pm 74.571	-0.059 \pm 0.037	0.367 \pm 0.152*	0.310 \pm 0.249
<i>Metriaclima chrysomallos</i>	NT	No trend	-370.895 \pm 198.651.	0.189 \pm 0.101	-0.578 \pm 0.817	-0.569 \pm 0.698
<i>Metriaclima cyneusmarginatum</i>	NT	No trend	41.478 \pm 178.785	-0.018 \pm 0.088	-0.248 \pm 0.345	0.085 \pm 0.245
<i>Metriaclima emmitlos</i>	LC	No trend	-0.495 \pm 79.400	0.003 \pm 0.039	-0.178 \pm 0.172	0.229 \pm 0.193
<i>Metriaclima estherae</i>	LC	No trend	-15.310 \pm 82.981	0.010 \pm 0.041	0.064 \pm 0.035.	-0.072 \pm 0.260

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<i>Metriaclima greshakei</i>	NT	No trend	-75.226 \pm 99.218	0.040 \pm 0.049	-0.114 \pm 0.045*	0.109 \pm 0.233
<i>Metriaclima hajomaylandi</i>	LC	No trend	-94.871 \pm 63.298	0.051 \pm 0.032	-0.570 \pm 0.193**	0.110 \pm 0.222
<i>Metriaclima lanisticola</i>	LC	No trend	111.296 \pm 89.616	-0.055 \pm 0.045	0.384 \pm 0.164*	0.127 \pm 0.284
<i>Metriaclima lombardoi</i>	LC	No trend	60.577 \pm 57.588	-0.027 \pm 0.029	-0.059 \pm 0.145	0.071 \pm 0.178
<i>Metriaclima mbenjii</i>	LC	No trend	128.317 \pm 74.382.	-0.061 \pm 0.037	-0.563 \pm 0.162***	0.524 \pm 0.260*
<i>Metriaclima nigrodorsalis</i>	LC	No trend	-55.803 \pm 93.224	0.029 \pm 0.047	0.304 \pm 0.067***	-0.252 \pm 0.235
<i>Metriaclima pulpican</i>	LC	No trend	80.023 \pm 64.211	-0.037 \pm 0.032	-0.060 \pm 0.072	0.146 \pm 0.209
<i>Metriaclima pyrsonotos</i>	LC	No trend	-106.078 \pm 87.292	0.055 \pm 0.044	0.024 \pm 0.031	0.399 \pm 0.257
<i>Metriaclima</i> sp. 'elongatus bee'	undescribed	No trend	38.475 \pm 116.868	-0.017 \pm 0.058	0.018 \pm 0.190	0.150 \pm 0.323
<i>Metriaclima</i> sp. 'elongatus chewere'	undescribed	No trend	-57.162 \pm 80.351	0.031 \pm 0.040	-0.044 \pm 0.034	-0.082 \pm 0.320
<i>Metriaclima</i> sp. 'elongatus linganjala'	undescribed	No trend	-4.097 \pm 164.869	0.004 \pm 0.082	0.146 \pm 0.303	-0.289 \pm 0.580
<i>Metriaclima</i> sp. 'Patricki'	undescribed	No trend	66.936 \pm 76.540	-0.032 \pm 0.038	-0.154 \pm 0.093.	0.824 \pm 0.237***
<i>Metriaclima</i> sp. 'zebra gold'	undescribed	No trend	-62.108 \pm 59.356	0.034 \pm 0.030	-0.061 \pm 0.064	0.391 \pm 0.179*
<i>Metriaclima</i> sp. 'zebra long pelvic'	undescribed	No trend	-72.160 \pm 61.560	0.038 \pm 0.031	0.078 \pm 0.174	0.393 \pm 0.163*
<i>Metriaclima usisyae</i>	CR	No trend	-4.879 \pm 104.790	0.005 \pm 0.053	-0.053 \pm 0.229	-0.265 \pm 0.411
<i>Metriaclima zebra</i>	LC	No trend	48.848 \pm 59.885	-0.022 \pm 0.030	0.021 \pm 0.050	0.487 \pm 0.183**
<i>Mylochromis guentheri</i>	LC	No trend	-8.523 \pm 97.746	0.005 \pm 0.048	0.026 \pm 0.034	0.504 \pm 0.306.
<i>Mylochromis lateristriga</i>	LC	No trend	104.804 \pm 54.355.	-0.050 \pm 0.027.	-0.075 \pm 0.056	0.360 \pm 0.174*
<i>Naevochromis chrysogaster</i>	LC	No trend	205.219 \pm 113.484.	-0.100 \pm 0.056.	-0.117 \pm 0.064.	0.592 \pm 0.213**
<i>Nimbochromis linni</i>	LC	No trend	-111.926 \pm 69.029	0.056 \pm 0.034.	0.163 \pm 0.079*	0.579 \pm 0.231*
<i>Nimbochromis livingstonii</i>	LC	No trend	120.899 \pm 74.635	-0.058 \pm 0.037	-0.012 \pm 0.010	0.340 \pm 0.248
<i>Nimbochromis polystigma</i>	LC	No trend	164.556 \pm 92.566.	-0.080 \pm 0.046.	-0.044 \pm 0.078	0.329 \pm 0.286
<i>Otopharynx auromarginatus</i>	LC	No trend	59.623 \pm 74.388	-0.028 \pm 0.037	0.082 \pm 0.073	0.132 \pm 0.238
<i>Placidochromis electra</i>	LC	No trend	45.919 \pm 62.447	-0.019 \pm 0.031	-0.266 \pm 0.093**	-0.154 \pm 0.223
<i>Placidochromis johnstoni</i>	LC	No trend	58.380 \pm 64.099	-0.028 \pm 0.032	0.036 \pm 0.065	0.373 \pm 0.226.

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<i>Placidochromis</i> sp. ‘Jalo’	undescribed	No trend	-104.291 \pm 106.827	0.056 \pm 0.053	-0.148 \pm 0.078.	-0.458 \pm 0.268.
<i>Protomelas annectens</i>	LC	No trend	-111.175 \pm 104.582	0.057 \pm 0.052	-0.020 \pm 0.047	-0.033 \pm 0.287
<i>Protomelas fenestratus</i>	LC	No trend	100.024 \pm 95.764	-0.047 \pm 0.048	-0.026 \pm 0.047	0.003 \pm 0.325
<i>Protomelas ornatus</i>	LC	No trend	-27.524 \pm 59.777	0.016 \pm 0.030	0.004 \pm 0.051	0.317 \pm 0.207
<i>Protomelas similis</i>	LC	No trend	-131.301 \pm 81.751	0.068 \pm 0.041.	-0.065 \pm 0.077	-0.114 \pm 0.252
<i>Protomelas</i> sp. ‘Mbenji thick lips’	undescribed	No trend	26.470 \pm 59.522	-0.011 \pm 0.030	0.048 \pm 0.057	0.147 \pm 0.188
<i>Protomelas</i> sp ‘steveni imperial’	undescribed	No trend	-121.497 \pm 75.315	0.061 \pm 0.037	0.241 \pm 0.084**	0.180 \pm 0.230
<i>Protomelas spilonotus</i>	LC	No trend	-40.071 \pm 79.289	0.022 \pm 0.039	0.027 \pm 0.055	0.014 \pm 0.247
<i>Protomelas taeniolatus</i>	LC	No trend	-11.711 \pm 46.805	0.009 \pm 0.023	-0.003 \pm 0.051	-0.069 \pm 0.139
<i>Protomelas virgatus</i>	LC	No trend	-86.819 \pm 79.437	0.045 \pm 0.040	-0.002 \pm 0.019	-0.008 \pm 0.210
<i>Pseudotropheus elegans</i>	LC	No trend	124.285 \pm 83.279	-0.059 \pm 0.042	-0.274 \pm 0.132*	-0.332 \pm 0.291
<i>Pseudotropheus interruptus</i>	NT	No trend	-102.884 \pm 60.594.	0.055 \pm 0.030.	-0.592 \pm 0.167***	-0.241 \pm 0.203
<i>Pseudotropheus livingstonii</i>	LC	No trend	-89.921 \pm 140.798	0.048 \pm 0.070	-0.360 \pm 0.164*	-0.485 \pm 0.411
<i>Pseudotropheus perileucos</i>	LC	No trend	68.578 \pm 82.526	-0.033 \pm 0.041	0.370 \pm 0.275	0.677 \pm 0.309*
<i>Pseudotropheus</i> sp. ‘acei’	undescribed	No trend	-1.971 \pm 102.374	0.004 \pm 0.051	0.024 \pm 0.152	-0.318 \pm 0.324
<i>Pseudotropheus</i> sp. ‘elongatus mphanga’	undescribed	No trend	103.390 \pm 81.218	-0.049 \pm 0.041	0.004 \pm 0.110	0.374 \pm 0.340
<i>Pseudotropheus</i> sp. ‘polit’	undescribed	No trend	-30.699 \pm 71.949	0.016 \pm 0.036	0.052 \pm 0.037	0.726 \pm 0.207***
<i>Sciaenochromis fryeri</i>	undescribed	No trend	-152.793 \pm 121.285	0.077 \pm 0.060	0.158 \pm 0.065*	0.350 \pm 0.261
<i>Stigmatochromis modestus</i>	LC	No trend	108.671 \pm 71.107	-0.052 \pm 0.035	-0.095 \pm 0.034**	0.520 \pm 0.200**
<i>Stigmatochromis woodi</i>	LC	No trend	-121.129 \pm 84.019	0.063 \pm 0.042	-0.104 \pm 0.071	0.105 \pm 0.271
<i>Synodontis njassae</i>	LC	No trend	-231.164 \pm 136.374.	0.119 \pm 0.069.	-0.382 \pm 0.145**	-0.296 \pm 0.289
<i>Taeniochromis holotaenia</i>	LC	No trend	-35.380 \pm 72.657	0.019 \pm 0.036	-0.002 \pm 0.026	0.372 \pm 0.223.
<i>Taeniolethrinops furcicauda</i>	LC	No trend	-90.945 \pm 83.772	0.047 \pm 0.042	-0.012 \pm 0.161	0.538 \pm 0.333
<i>Taeniolethrinops praeorbitalis</i>	LC	No trend	87.898 \pm 100.984	-0.041 \pm 0.050	-0.021 \pm 0.009*	0.067 \pm 0.281
<i>Tropheops macrophthalmus</i>	LC	No trend	-123.660 \pm 102.523	0.064 \pm 0.051	-0.032 \pm 0.200	-0.296 \pm 0.269

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<i>Tropheops romandi</i>	LC	No trend	-21.604 \pm 98.665	0.013 \pm 0.049	-0.018 \pm 0.146	0.189 \pm 0.238
<i>Tropheops</i> sp. 'Chilumba'	undescribed	No trend	-40.118 \pm 55.487	0.023 \pm 0.028	-0.165 \pm 0.201	0.151 \pm 0.173
<i>Tropheops</i> sp. 'Membe'	undescribed	No trend	-211.730 \pm 117.002.	0.108 \pm 0.059.	-0.010 \pm 0.262	-0.159 \pm 0.365
<i>Tropheops</i> sp. 'red cheek'	undescribed	No trend	55.667 \pm 51.481	-0.024 \pm 0.026	-0.429 \pm 0.168*	0.153 \pm 0.183
<i>Tropheops tropheops</i>	LC	No trend	-192.000 \pm 124.500	0.098 \pm 0.062	-0.002 \pm 0.025	-0.107 \pm 0.398
<i>Tyrannochromis macrostoma</i>	LC	No trend	-4.965 \pm 70.094	0.005 \pm 0.035	-0.081 \pm 0.087	0.295 \pm 0.234
<i>Aulonocara saulosi</i>	LC	Decreasing	257.865 \pm 119.183*	-0.124 \pm 0.059*	-0.373 \pm 0.117**	0.034 \pm 0.296
<i>Aulonocara</i> sp. 'yellow collar'	undescribed	Decreasing	433.216 \pm 117.086***	-0.214 \pm 0.058***	0.009 \pm 0.087	0.345 \pm 0.337
<i>Aulonocara stuartgranti</i>	LC	Decreasing	191.628 \pm 62.683**	-0.092 \pm 0.031**	-0.126 \pm 0.095	0.351 \pm 0.151*
<i>Copadichromis melas</i>	LC	Decreasing	211.347 \pm 67.336**	-0.105 \pm 0.034**	0.089 \pm 0.033**	0.874 \pm 0.234***
<i>Copadichromis quadrimaculatus</i>	LC	Decreasing	229.147 \pm 114.277*	-0.113 \pm 0.057*	-0.028 \pm 0.077	0.514 \pm 0.395
<i>Dimidiochromis kiwinge</i>	LC	Decreasing	336.800 \pm 147.058*	-0.165 \pm 0.073*	-0.089 \pm 0.034**	0.064 \pm 0.314
<i>Labidochromis freibergeri</i>	LC	Decreasing	292.320 \pm 80.808***	-0.144 \pm 0.041***	0.080 \pm 0.109	-0.031 \pm 0.268
<i>Labidochromis joanjohnsonae</i>	NT	Decreasing	419.116 \pm 76.170***	-0.207 \pm 0.038***	0.106 \pm 0.141	0.588 \pm 0.217**
<i>Melanochromis auratus</i>	LC	Decreasing	262.602 \pm 78.836***	-0.128 \pm 0.040**	0.154 \pm 0.163	0.430 \pm 0.179*
<i>Melanochromis chipokae</i>	CR	Decreasing	279.670 \pm 75.982***	-0.137 \pm 0.038***	0.045 \pm 0.080	0.184 \pm 0.253
<i>Metriaclima barlowi</i>	LC	Decreasing	190.095 \pm 55.645***	-0.093 \pm 0.028***	0.188 \pm 0.238	0.553 \pm 0.207**
<i>Metriaclima callainos</i>	LC	Decreasing	162.889 \pm 59.725**	-0.078 \pm 0.030**	0.095 \pm 0.109	0.165 \pm 0.172
<i>Metriaclima</i> sp. 'lime'	undescribed	Decreasing	156.086 \pm 64.794*	-0.074 \pm 0.033*	-0.242 \pm 0.065***	-0.380 \pm 0.329
<i>Pseudotropheus cyaneorhabdos</i>	CR	Decreasing	254.646 \pm 102.345*	-0.124 \pm 0.051*	-0.089 \pm 0.054	0.344 \pm 0.237
<i>Pseudotropheus johannii</i>	LC	Decreasing	210.326 \pm 66.951**	-0.103 \pm 0.034**	0.450 \pm 0.235.	0.284 \pm 0.231
<i>Pseudotropheus</i> sp. 'elongatus ornatus'	undescribed	Decreasing	219.717 \pm 82.241**	-0.108 \pm 0.041**	0.042 \pm 0.099	0.463 \pm 0.277.
<i>Champsochromis caeruleus</i>	LC	Increasing	-215.800 \pm 83.320**	0.108 \pm 0.042**	0.007 \pm 0.010	0.670 \pm 0.215**
<i>Chiloglanis neumanni</i>	DD	Increasing	-416.467 \pm 133.895**	0.207 \pm 0.067**	0.845 \pm 0.139***	0.505 \pm 0.350
<i>Chilotilapia rhoadesii</i>	LC	Increasing	-197.500 \pm 86.390*	0.099 \pm 0.043*	0.007 \pm 0.058	0.542 \pm 0.257*

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<i>Chindongo minutus</i>	LC	Increasing	-334.313 \pm 117.878**	0.167 \pm 0.058**	0.337 \pm 0.135*	-0.327 \pm 0.240
<i>Copadichromis geertsii</i>	LC	Increasing	-345.628 \pm 42.896***	0.173 \pm 0.021***	0.082 \pm 0.012***	-0.247 \pm 0.092**
<i>Cynotilapia aurifrons</i>	LC	Increasing	-286.586 \pm 149.035.	0.146 \pm 0.075*	-0.363 \pm 0.280	-0.420 \pm 0.352
<i>Labeotropheus trewavasae</i>	LC	Increasing	-188.941 \pm 45.729***	0.097 \pm 0.023***	-0.050 \pm 0.046	0.130 \pm 0.155
<i>Lethrinops</i> sp. yellow collar	undescribed	Increasing	-279.502 \pm 103.877**	0.142 \pm 0.052**	-0.084 \pm 0.060	-0.429 \pm 0.265
<i>Metriaclima fainzilberi</i>	LC	Increasing	-194.000 \pm 90.680*	0.099 \pm 0.045*	-0.004 \pm 0.242	-0.151 \pm 0.306
<i>Metriaclima koningsi</i>	CR	Increasing	-361.300 \pm 81.830***	0.182 \pm 0.041***	-0.006 \pm 0.041	-0.237 \pm 0.196
<i>Metriaclima</i> sp. elongatus chailosi	undescribed	Increasing	-252.511 \pm 102.186*	0.127 \pm 0.051*	0.497 \pm 0.202*	-0.120 \pm 0.220
<i>Petrotilapia tridentiger</i>	LC	Increasing	-325.344 \pm 127.532*	0.164 \pm 0.063**	0.197 \pm 0.107.	-0.542 \pm 0.325.
<i>Placidochromis milomo</i>	LC	Increasing	-227.506 \pm 74.679**	0.114 \pm 0.037**	0.050 \pm 0.031	0.335 \pm 0.253
<i>Pseudotropheus perspicax</i>	LC	Increasing	-343.266 \pm 158.767*	0.171 \pm 0.079*	0.248 \pm 0.107*	0.403 \pm 0.371
<i>Tramitichromis lituris</i>	LC	Increasing	-178.678 \pm 61.618**	0.091 \pm 0.031**	-0.017 \pm 0.045	-0.085 \pm 0.178
<i>Trematocranus placodon</i>	LC	Increasing	-155.100 \pm 40.740***	0.079 \pm 0.020***	-0.002 \pm 0.024	0.252 \pm 0.114*

***P < 0.001, **P < 0.01, *P < 0.05, ‘.’P < 0.1, ‘ ’P > 0.1

Reference

IUCN (2024). The IUCN Red List of Threatened Species. Version 2023-1. <https://www.iucnredlist.org>.