

Table 2. Characterization of the polymorphism of 24 microsatellite loci in 647 individuals of *Cylicodiscus gabunensis* from three populations: CEB (eastern Gabon), Alpica (eastern Cameroon) and Dja (eastern Cameroon).

Locus	PIC	CEB (n=355)					Alpica (n=242)					Dja (n=52)				
		N _a	H _o	H _e	F _{IS}	Null	N _a	H _o	H _e	F _{IS}	Null	N _a	H _o	H _e	F _{IS}	Null
Cyl05	0.430	3	0.224	0.211	-0.063	0.0142	5	0.527	0.535	0.015	0.0025	4	0.365	0.450	0.190	0.0265
Cyl07	0.855	12	0.434	0.819	0.470**	0.3002	12	0.729	0.738	0.013	0.0042	17	0.650	0.883	0.267**	0.0770
Cyl13	0.387	4	0.345	0.363	0.050	0.0255	5	0.384	0.399	0.037	0.0045	5	0.673	0.667	-0.009	0.0121
Cyl14	0.787	10	0.188	0.725	0.741**	0.5640	11	0.163	0.646	0.748**	0.4811	17	0.295	0.552	0.467**	0.2479
Cyl15	0.447	9	0.599	0.592	-0.013	0.0083	7	0.296	0.279	-0.059	0.0017	3	0.308	0.346	0.112	0.0231
Cyl16	0.144	2	0.071	0.094	0.250**	0.0746	4	0.223	0.227	0.017	0.0013	4	0.115	0.112	-0.030	0.0244
Cyl17	0.520	5	0.257	0.253	-0.018	0.0081	6	0.781	0.738	-0.059	0.0008	6	0.692	0.713	0.030	0.0129
Cyl18	0.738	9	0.743	0.744	0.001	0.0159	7	0.612	0.632	0.032	0.0017	8	0.692	0.679	-0.020	0.0119
Cyl21	0.534	7	0.657	0.679	0.033	0.0126	4	0.364	0.342	-0.063	0.0020	4	0.577	0.498	-0.160	0.0109
Cyl22	0.362	2	0.511	0.498	-0.027	0.0147	3	0.363	0.365	0.007	0.0094	4	0.481	0.521	0.078	0.0222
Cyl24	0.679	8	0.746	0.740	-0.009	0.0048	5	0.646	0.587	-0.101*	0.0010	6	0.765	0.767	0.002	0.0132
Cyl25	0.771	9	0.867	0.841	-0.032	0.0021	7	0.674	0.631	-0.068*	0.0007	22	0.760	0.728	-0.045	0.0082
Cyl27	0.934	21	0.926	0.902	-0.027	0.0010	19	0.893	0.896	0.003	0.0007	29	0.938	0.925	-0.014	0.0053
Cyl28	0.638	7	0.671	0.678	0.009	0.0055	6	0.683	0.617	-0.108*	0.0008	16	0.673	0.699	0.036	0.0427
Cyl29	0.832	13	0.702	0.712	0.015	0.0031	15	0.770	0.753	-0.022	0.0012	25	0.791	0.804	0.016	0.0157
Cyl30	0.419	6	0.569	0.552	-0.031	0.0043	5	0.186	0.173	-0.078	0.0018	19	0.431	0.413	-0.045	0.0155
Cyl32	0.714	9	0.751	0.714	-0.052	0.0020	14	0.701	0.726	0.034	0.0124	24	0.860	0.836	-0.030	0.0103
Cyl36	0.108	5	0.039	0.044	0.121	0.1252	5	0.116	0.119	0.022	0.0061	7	0.178	0.167	-0.067	0.3563
Cyl37	0.889	16	0.844	0.884	0.045*	0.0161	10	0.537	0.764	0.297**	0.1275	18	0.769	0.799	0.037	0.0219
Cyl38	0.696	12	0.658	0.750	0.123**	0.0696	11	0.674	0.627	-0.075*	0.0006	18	0.615	0.690	0.108	0.1212
Cyl40	0.288	5	0.292	0.278	-0.053	0.0051	6	0.226	0.226	-0.002	0.0027	9	0.423	0.408	-0.037	0.1861
Cyl42	0.563	6	0.607	0.600	-0.012	0.0045	4	0.541	0.574	0.056	0.0048	4	0.365	0.373	0.019	0.1490
Cyl43	0.285	8	0.196	0.194	-0.010	0.0061	7	0.295	0.297	0.008	0.0042	15	0.577	0.561	-0.029	0.1060
Cyl45	0.423	7	0.446	0.433	-0.030	0.0059	3	0.450	0.511	0.118*	0.0182	17	0.423	0.417	-0.016	0.0711
Mean	0.560	8	0.514	0.554	0.072	0.0539	7	0.493	0.517	0.046	0.0288	7	0.559	0.584	0.042	0.0663

PIC polymorphism information content, *n* number of individuals, *N_a* number of alleles, *H_o* observed heterozygosity, *H_e* expected heterozygosity, *F_{IS}* Weir and Cockerham's fixation index, *Null* frequency of null alleles

* Significant deviation of HWE (p<0.05)

** Significant deviation of HWE (p<0.001)