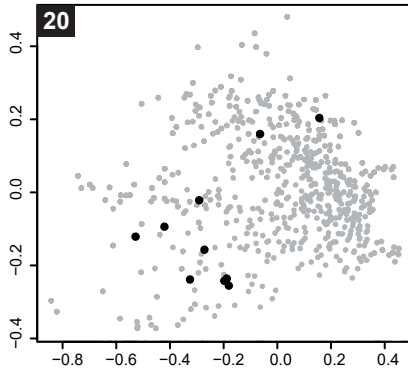
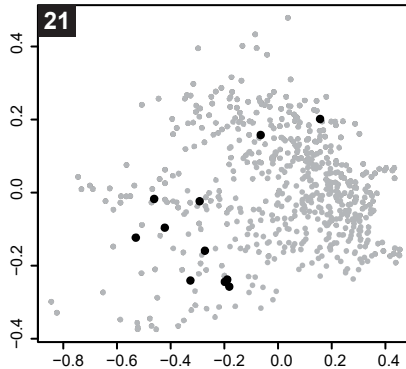




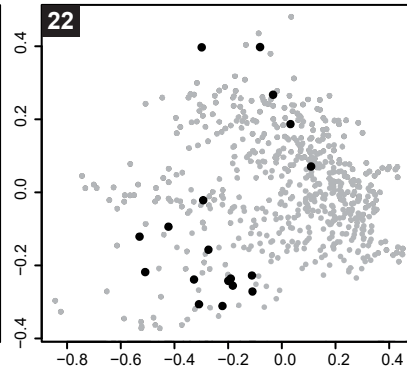
*Bensaidites koeni*



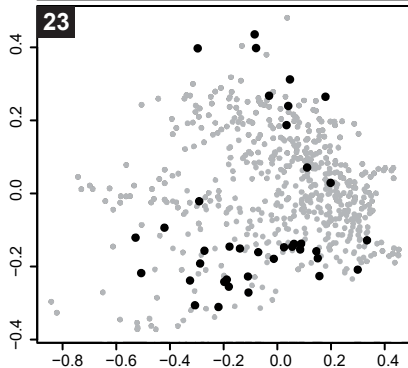
*Sobolewia n. sp.*



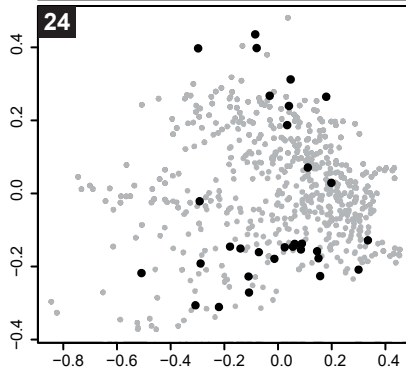
*Sellagoniatites waldschmidtii*



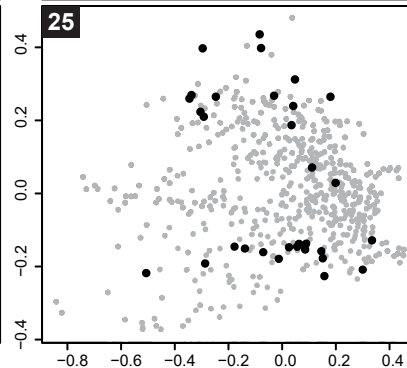
*Afromaenioceras sulcatostriatum*



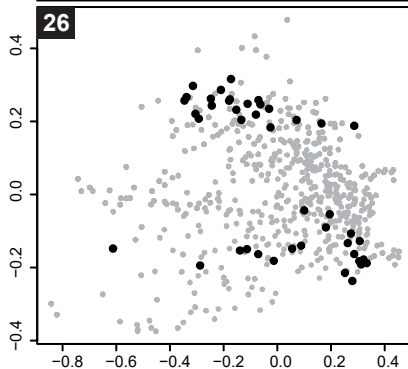
*Afromaenioceras n. sp.*



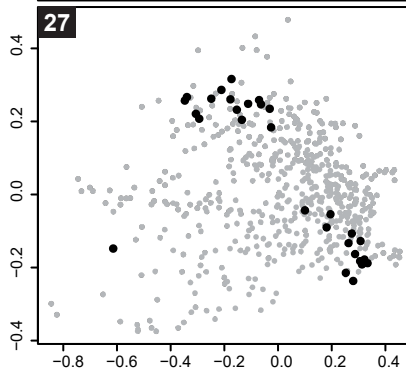
*Pharciceras aff. amplexum*



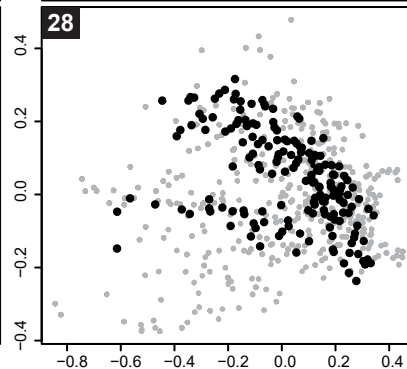
*Mzerrebites erraticus*



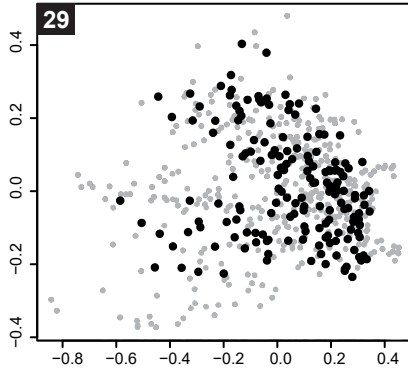
*Lunupharciceras n. sp.*



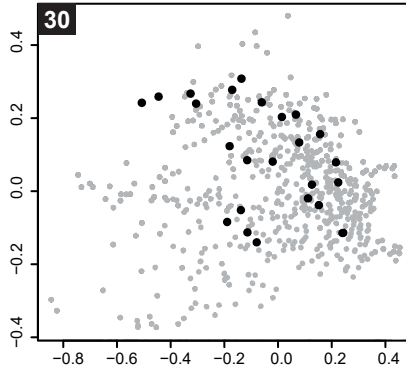
*Synpharciceras clavilobum*



*Taouzites taouzensis*



*Petteroceras errans*



**Diversity vs. Disparities - whorl profiles - interval resolution**

Pearson's correlation test

Data	t	df	p-value	Cor	IC (95%) lo	IC (95%) up
Nsp vs. Sum of ranges	-0.037165	4	0.9721	-0.01857918	-0.8178094	0.8051218
Nsp vs. Convex hull area	0.72434	4	0.509	0.3405259	-0.6509229	0.9026366
Nsp vs. Sum of variances	0.55915	4	0.6059	0.2692514	-0.6939470	0.8869924
Nsp vs. Squared Eucli. dist.	0.49184	4	0.6486	0.2388054	-0.7104436	0.8798476
Nsp vs. Average displacement	-0.6722	4	0.5383	-0.3185888	-0.8979748	0.6648801

**Diversity vs. Disparities - whorl profiles - biozone resolution**

Pearson's correlation test

Data	t	df	p-value	Cor	IC (95%) lo	IC (95%) up
Nsp vs. Sum of ranges	3.677	24	0.001186	0.6002916	0.2774545	0.8013178
Nsp vs. Convex hull area	2.9833	24	0.006457	0.5201088	0.1662505	0.7552951
Nsp vs. Sum of variances	-0.80411	24	0.4292	-0.1619704	-0.5168927	0.2404684
Nsp vs. Squared Eucli. dist.	-0.44506	24	0.6603	-0.09047415	-0.4616475	0.3076598
Nsp vs. Average displacement	-1.9114	24	0.06797	-0.3634746	-0.6581622	0.0277900

**Diversity vs. Disparities - conch morphometry ratios - interval resolution**

Pearson's correlation test

Data	t	df	p-value	Cor	IC (95%) lo	IC (95%) up
Nsp vs. Sum of ranges	0.68486	4	0.5311	0.3239609	-0.6615245	0.8991286
Nsp vs. Convex hull area	0.44444	4	0.6797	0.2169292	-0.7216858	0.8745286
Nsp vs. Sum of variances	0.47701	4	0.6582	0.2319956	-0.7139958	0.8782089
Nsp vs. Squared Eucli. dist.	0.43844	4	0.6837	0.2141337	-0.7230877	0.8738372
Nsp vs. Average displacement	-0.6223	4	0.5675	-0.2970988	-0.8932783	0.6779179

**Diversity vs. Disparities - conch morphometry ratios - biozone resolution**

Pearson's correlation test

Data	t	df	p-value	Cor	IC (95%) lo	IC (95%) up
Nsp vs. Sum of ranges	3.2432	27	0.00314	0.5294812	0.2022174	0.7503714
Nsp vs. Convex hull area	4.0413	27	0.0003967	0.6139287	0.3192589	0.8003491
Nsp vs. Sum of variances	-1.0139	27	0.3196	-0.1915206	-0.5214257	0.1881951
Nsp vs. Squared Eucli. dist.	-0.92477	27	0.3633	-0.1752184	-0.5090346	0.2044145
Nsp vs. Average displacement	-1.9856	27	0.05732	-0.3569557	-0.63976348	0.01098745

