

eDNA metabarcoding reveals a rich but threatened and declining elasmobranch community in West Africa's largest marine protected area, the Banc d'Arguin

Journal: CONSERVATION GENETICS

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Online Resource 5 Final eDNA reads table for sharks and rays in the PNBA. Cells

highlighted in yellow indicate that reads for that species in those locations have been deleted

from the final dataset due to risk of contamination

Species	Baye St Jean	L'oeil	Belkei znaya	West Tidra 1	West Tidra 2	Kiji	Idis	Iwik	Mam ghar	SW Cap St Anne	Agadi r	Mouz an	Nair
<i>Carcharhinus obscurus</i>	0	1	1	240	3	1	0	1	1	59	1	0	565
<i>Rhizoprionodon acutus</i>	5	5673	5	1364	147	27	691	29	50	21	847	0	0
<i>Paragaleus pectoralis</i>	1	2	0	2	0	0	0	0	0	2	0	0	0
<i>Leptocharias smithii</i>	1	4	0	673	1	0	0	5	0	1	676	59	0
<i>Scyliorhinus canicula</i>	0	0	4	0	38	0	1	0	0	2	0	2	0
<i>Mustelus punctulatus</i>	1	4	0	77	2	1	0	0	744	27	2	18	1
<i>Heptranchias perlo</i>	0	0	1	0	0	0	0	246	1	0	0	0	0
<i>Alopias vulpinus</i>	0	0	0	0	0	0	0	0	1	0	1	0	0
<i>Isurus oxyrinchus</i>	0	2	2	0	1	0	0	0	3	0	0	0	0
<i>Dasyatis pastinaca</i>	1	0	1	23	1	0	3	0	0	0	0	0	0
<i>Dasyatis marmorata</i>	0	2	0	100	75	0	0	1115	0	1	3	3	1
<i>Fontitrygon</i> sp	35	9	3	0	0	7	1	26	3	15	22	252	352
<i>Hypanus rudis</i>	0	1	0	14	71	56	68	417	2	1	2	412	0
<i>Pteroplatyrrhon violacea</i>	1	121	0	36	0	0	0	0	0	0	0	0	0
<i>Taeniurops grabatus</i>	0	0	0	72	218	429	0	0	0	2	1	2	0

<i>Gymnura altavela</i>	7	90	1	95	44	17	510	295	2	19	307	55	3
<i>Gymnura sp.</i>	0	108	0	33	10	4	156	5	1	10	1	3	0
<i>Aetomylaeus bovinus</i>	18	7	0	31	388	55	0	3	0	0	1	2673	1
<i>Myliobatis sp.</i>	3	1	0	0	0	0	0	0	0	1	0	0	0
<i>Rhinoptera marginata</i>	11	5	1	3701	6805	4	0	14	9	3	982	1	2
<i>Glaucostegus cemiculus</i>	98	95	9372	733	312	4	65	0	36	8	0	51	0
<i>Ginglymostoma cirratum</i>	3	0	0	0	176	1	0	1	1	0	0	0	0
<i>Raja parva</i>	0	0	0	61	0	0	0	0	0	0	0	0	0
<i>Raja undulata</i>	4	0	0	1	0	0	0	0	0	0	0	0	0
<i>Rhinobatos rhinobatos</i>	0	0	0	4990	31	0	783	6	12	16	26	3212	4
<i>Zanobatus schoenleini</i>	7	501	1	823	4	26	3	426	264	1	2015	5	1
<i>Torpedo sp.</i>	0	2	0	0	0	62	1	758	1	0	1	1	0