

The following supplement accompanies the article

Trophic interactions between migratory seabirds, predatory fishes and small pelagics in coastal West Africa

Edna Correia*, José Pedro Granadeiro, Vanessa A. Mata, Aissa Regalla, Paulo Catry

*Corresponding author: ednaritacorreia@gmail.com

Marine Ecology Progress Series 622: 177–189 (2019)

Additional data on sample size of foraging terns observed and on Horn-Morisita overlap index calculated for terns and predatory fish

Table S1 – Total number of focal individuals observed (N) foraging in the Bijagós Archipelago, Guinea-Bissau from 2014 to 2016

Tern	N
Little Tern	50
Sandwich Tern	362
Lesser Crested Tern	43
Common Tern	183
Black Tern	88

Table S2 – Horn-Morisita overlap index calculated at the lowest taxonomic level of identified prey, N – number of different individuals sampled in Guinea-Bissau from 2014 to 2015

	Black Tern (N=9)	Common Tern (N=31)	Little Tern (N=23)	Lesser Crested Tern (N=9)
Common Tern	0.94			
Little Tern	0.93	0.96		
Lesser Crested Tern	0.74	0.78	0.76	
Sandwich Tern (N=77)	0.87	0.93	0.92	0.87

Table S3 - Horn-Morisita overlap index between three predatory fish - Crevalle Jack, Guinean Barracuda, West African Spanish Mackerel, and seven tern species - Caspian Tern, Royal Tern, Little Tern, Sandwich Tern, Lesser Crested Tern, Common Tern, Black Tern; calculated at the prey family level for fish and to the prey class level for non-fish; non-identified prey were excluded (data was collected in Guinea-Bissau and Guinea from 2013 to 2016, extracted from Correia et al. 2017, Correia et al. 2018 and present study)

	Crevalle jack N=118	Caspian Tern N=152	Black Tern N=9	Royal Tern N=141	West African Spanish mackerel N=119	Guinean barracuda N=75	Common Tern N=31	Little Tern N=23	Lesser Crested Tern N = 9
Caspian Tern	0.98								
Black Tern	0.90	0.90							
Royal Tern	0.90	0.94	0.83						
West African Spanish mackerel	0.85	0.85	0.81	0.80					
Guinean barracuda	0.92	0.93	0.84	0.82	0.71				
Common Tern	0.94	0.94	0.95	0.89	0.92	0.84			
Little Tern	0.91	0.92	0.92	0.85	0.93	0.81	0.96		
Lesser Crested Tern	0.91	0.90	0.92	0.82	0.79	0.86	0.93	0.89	
Sandwich Tern N=77	0.93	0.93	0.91	0.88	0.96	0.81	0.99	0.97	0.89