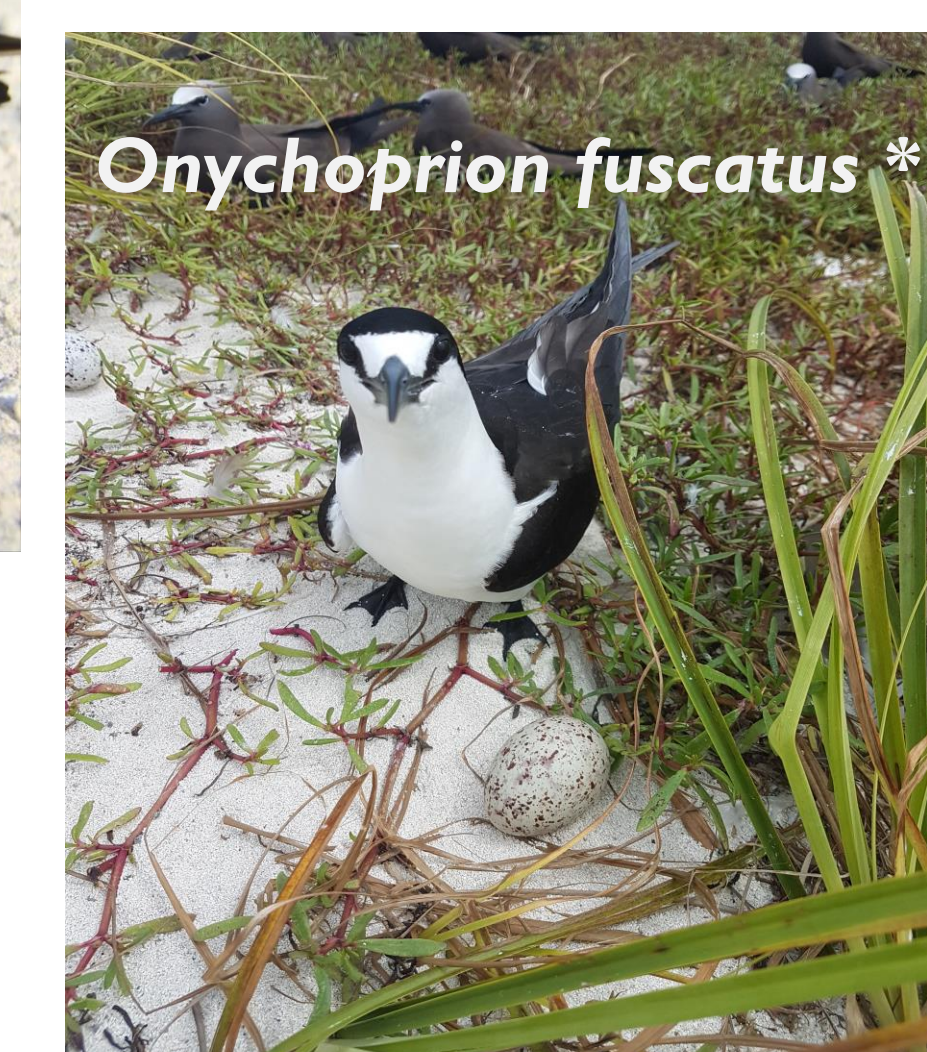
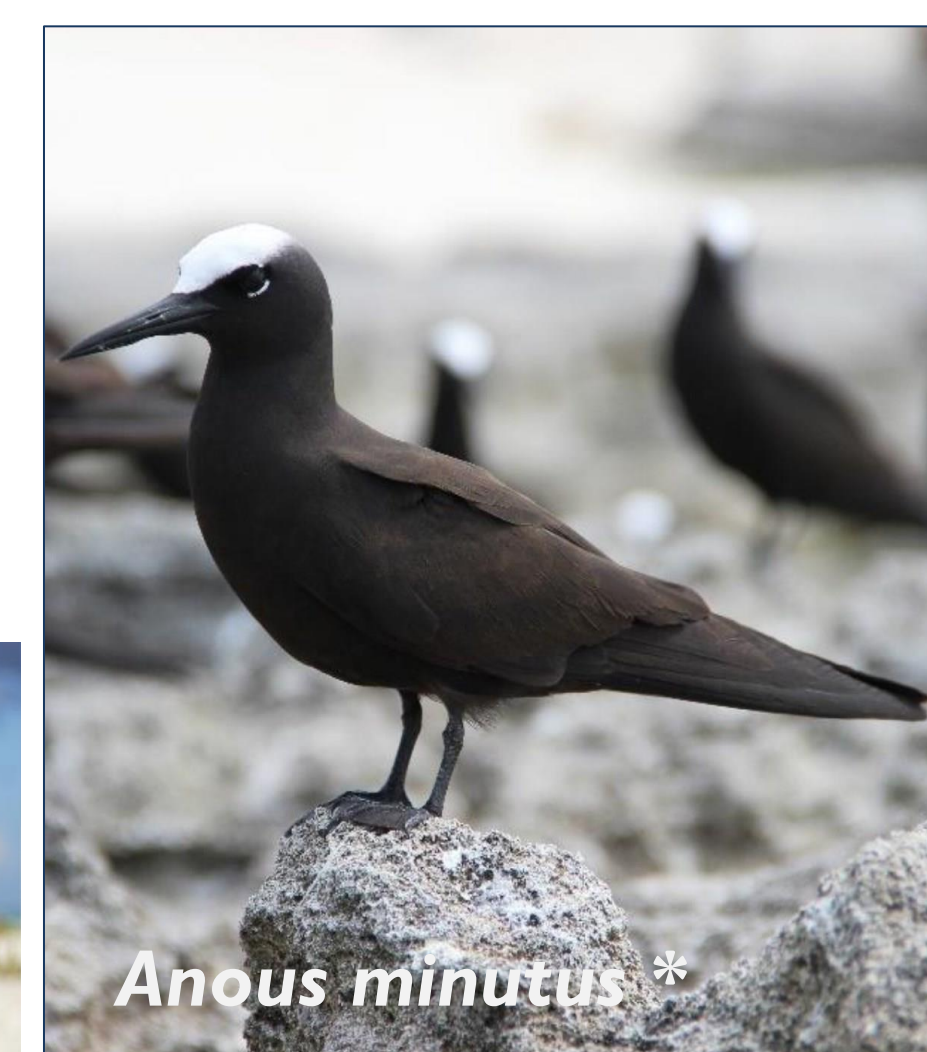
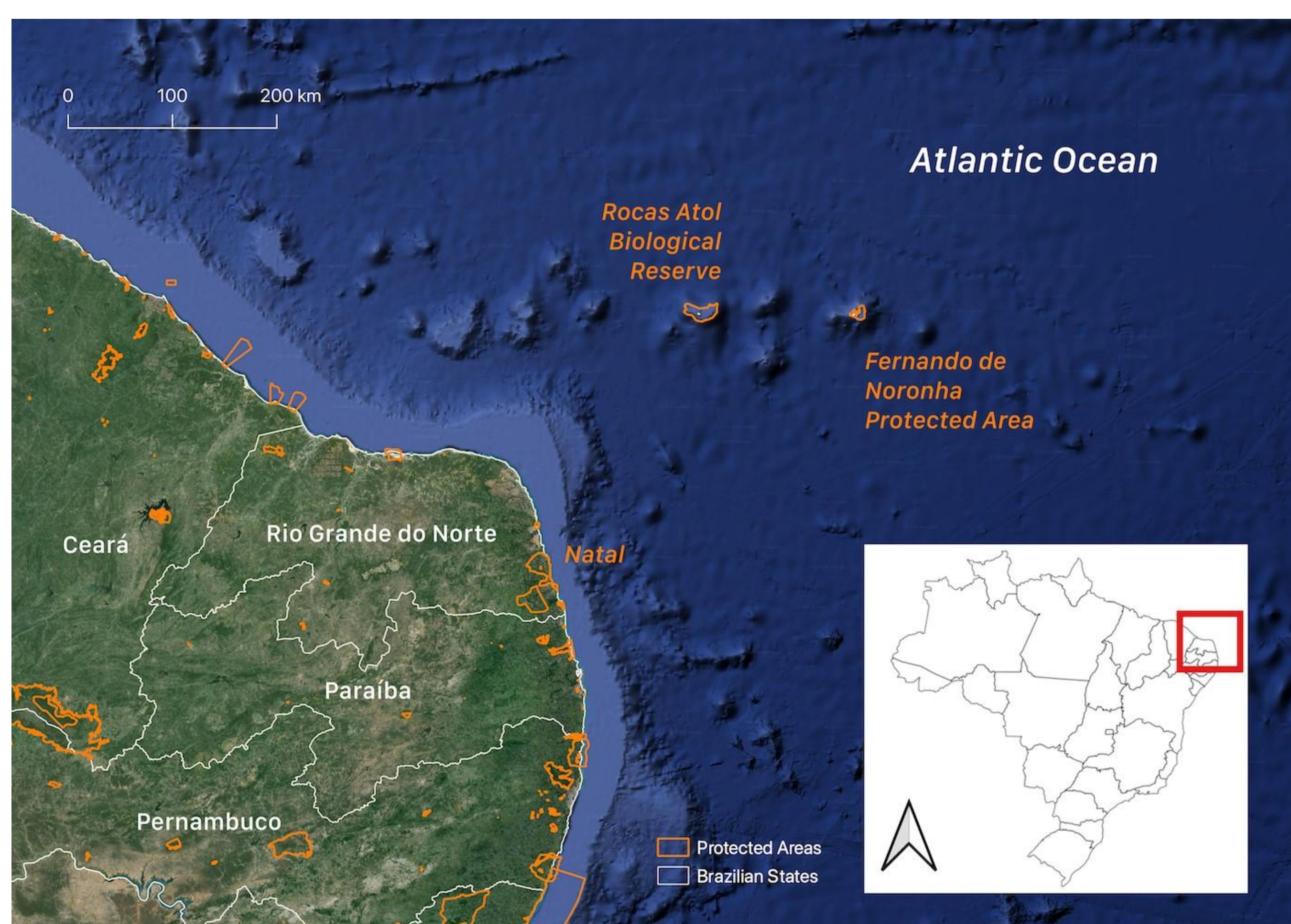


# Toxoplasma gondii Antibodies in Tropical Seabirds from the Rocas Atoll Biological Reserve, Brazil

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- *Toxoplasma gondii* is a coccidian parasite that infects almost all warm-blooded animals, including birds.
- The Rocas Atoll Biological Reserve, located in the northeast region of Brazil, in the state of Rio Grande do Norte, is the only atoll in the South Atlantic Ocean, and is home to the largest population of tropical seabirds in the western Atlantic Ocean
- The objective of this study was to verify the occurrence of anti-*T. gondii* antibodies in seabirds from the Rocas Atoll.



\* They nest and reside in the atoll  
\*\* They nest in Fernando de Noronha and frequent the Atoll

Species	Common Name	Number Tested*	Number Positives (%)	Antibody Titer (No.)
<i>Anous minutus</i> <sup>1</sup>	Black Noddy	26	1 (5)	5 (1)
<i>Anous stolidus</i> <sup>1</sup>	Brown Noddy	48	9 (18.7)	5 (2); 10 (1); 20 (2); 40 (4)
<i>Fregata magnificens</i> <sup>2</sup>	Magnificent Frigatebird	20	3 (15)	10 (1); 20 (1); 40 (1)
<i>Onychoprion fuscatus</i> <sup>1</sup>	Sooty Tern	95	5 (5.9)	5 (2); 10 (1); 40(1); 160 (1)
<i>Sula dactylatra</i> <sup>3</sup>	Masked Booby	33	0 (0.0)	*
<i>Sula leucogaster</i> <sup>3</sup>	Brown Booby	25	0 (0.0)	*
<i>Sula sula</i> <sup>3</sup>	Red-footed Booby	20	2 (10)	5 (1); 10 (1)
<b>TOTAL</b>		<b>267</b>	<b>20 (7.5)</b>	

<sup>1</sup>Order Charadriiformes, Family Sternidae; <sup>2</sup>Order Suliformes, Family Fregatidae; <sup>3</sup>Order Suliformes, Family Sulidae

\*Modified Agglutination Test (MAT ≥5)

