

ABROLHOS FIELD REPORT 2023

HUNGRY HUMPBACK PROJECT



Realização



Patrocínio



Caravelas - Rua Barão do Rio Branco, 125
Centro - BA - Cep: 45.900-000
Tel: +55 73 3297 1340



ABROLHOS FIELD REPORT - HUNGRY HUMPBACK PROJECT

TEAM:

Coordinator – Eduardo Camargo

Associated Researcher - Fredrik Christiansen

Researchers – Fabio Fontes, Bianca Righi, Nádia Freitas

Interns – Agatha Lorrany Koppe de Oliveira; Bruna Baleeiro dos Santos; Daniel Zappa Fonseca; Gio Calvo Costa Pinto, Helena Muller Manzano, Thays Martinelli; Eduardo Felipe; Laura Aguilar.

FIELD WORK

Between 20th of September and 18th of October, the Humpback Whale Institute (*Instituto Baleia Jubarte*), in partnership with the British Antarctic Survey, carried out 6 research cruises in order to collect data for the Hungry Humpbacks project. Cruises were led by the team of Instituto Baleia Jubarte and the Swedish researcher Fredrik Christiansen (Figure 1).

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Figure 1 – Researcher Fredrik Christiansen landing the drone with the help of an intern from Instituto Baleia Jubarte, during a researcher cruise in the Abrolhos Bank. Author: Eduardo Coutinho.

The research cruises were aboard the catamaran Pegasus I, in the shallow waters of the Abrolhos Bank, area with the highest abundance of humpback whales in Brazil during the breeding season. In total (Table 1), 16 days of sampling were carried out, accounting for 6000 minutes of sampling effort and 4101 minutes of sighting. Over the 442,5 nautical miles surveyed, 107 groups of humpback whales were sampled, totalizing 271 individuals, being 81 calves. Thus, approximately 75,5% of the groups sighted had the presence of a calf (n=81). In summary, 2080 minutes of aerial images were recorded, and 34 humpback whale adults were biopsied (Figure 2); both data will be later analyzed. Beyond this, photoidentification of humpback whales was simultaneously carried out during the cruises, resulting in 94 individuals identified.

Table 1 – Sample summary and preliminary results of the research cruises for the Hungry Humpbacks project, carried out between September and October of 2023.

N° of research cruises	6
N° of sampling days	16
Total time of sampling	6000
Total time of sighting	4101
Nautical miles covered	442,5
N° of groups	107
N° of individuals	271
N° of adults	190
N° of calves	81

Total time of drone flight	2080
N° of biopsy samples	34
N° of photo-IDs	94



Figure 2 – Researcher Fábio Fontes, from the Instituto Baleia Jubarte, approaching a humpback whale mother for biopsy during a researcher cruise in the Abrolhos Bank. Author: Bruna Baleeiro.

Financial Report

Above is the detailed expenses of the project. The original xls have been sent attached. Attached in the link (<https://we.tl/t-dvi0z12sRj>), there are all invoice, receipts and support document S.

		PAGAMENTOS BAS					EXCHANGE RATE	4,87
	CATEGORY	OBS	SUPPLIER	INVOICE	INVOICE DATE	PAYMENT DATE	VALUE EXPENSE (R\$)	VALUE EXPENSE (\$)
1	Accommodation	Accommodation to Frederick from 18/09 to 17/10	Andreia Oliveira Rocha	Recibo	29/09/2023	29/09/2023	R\$ 2.450,00	\$503,08

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Projeto Baleia Jubarte								\$0,00
							R\$ 2.450,00	\$503,08
2	Inter cyti Transportation	Road transp to Frederick from Porto Seguro to Caravelas	Localiza Rent A Car S/A	290316	27/09/2023	09/10/2023	R\$ 2.022,85	\$415,37
3	Inter cyti Transportation	Road transportatio to Frederick from Caravelas to	Luciano Sena	Recibo	20/10/2023	20/10/2023	R\$ 580,00	\$119,10
							R\$ 2.602,85	\$534,47
4	Boat Rent	Advanced payment to reservation	P. S. Dos S. Trindade Operadores Turisticos	130	25/05/2023	25/05/2023	R\$ 25.000,00	\$5.133,47
5	Boat Rent	PAYMENT AGREED	P. S. Dos S. Trindade Operadores Turisticos	130	15/09/2023	15/09/2023	R\$ 10.000,00	\$2.053,39
6	Boat Rent	PAYMENT AGREED	P. S. Dos S. Trindade Operadores Turisticos	132	07/11/2023	16/11/2023	R\$ 45.000,00	\$9.240,25
								\$0,00
							R\$ 80.000,00	\$16.427,10
7	Boat fuel		Posto são Pedro Pescador LTDA	47	05/10/2023	25/10/2023	R\$ 17.944,28	\$3.684,66
8	Boat fuel		Posto são Pedro Pescador LTDA	54	11/12/2023	11/12/2023	R\$ 6.600,00	\$1.355,24
9	Boat fuel		Posto são Pedro Pescador LTDA	53	11/12/2023	11/12/2023	R\$ 6.694,00	\$1.374,54
10	Boat fuel		Rafisa Fontes Silveira Rocha EIRELI	21	07/10/2023	16/11/2023	R\$ 8.910,00	\$1.829,57
11	Boat fuel		Rafisa Fontes Silveira Rocha EIRELI	20	07/10/2023	16/11/2023	R\$ 2.010,00	\$412,73
								\$0,00
								\$0,00
							R\$ 42.158,28	\$8.656,73
12	Boat meals		Millena Supermercado LTDA - ME	5930	05/10/2023	16/11/2023	R\$ 293,49	\$60,26
13	Boat meals		Millena Supermercado LTDA - ME	5925	05/10/2023	16/11/2023	R\$ 6.428,38	\$1.320,00
14	Boat meals		Millena Supermercado LTDA - ME	5954	30/10/2023	27/11/2023	R\$ 6.663,60	\$1.368,30
15	Boat meals		Millena Supermercado LTDA - ME	5926	05/10/2023	16/11/2023	R\$ 112,18	\$23,03
								\$0,00
							R\$ 13.497,65	\$2.771,59
16	Administratives coast		Acont Contadores Associados EPP	15327	03/10/2023	25/10/2023	R\$ 3.056,40	\$627,60
17	Administratives coast		Acont Contadores Associados EPP	15434	01/11/2023	27/11/2023	R\$ 3.056,40	\$627,60
18	Administratives coast		Fine Financeiro Remoto LTDA	2163	02/10/2023	27/10/2023	R\$ 3.294,00	\$676,39
19	Administratives coast		Fine Financeiro Remoto LTDA	2189	06/11/2023	27/11/2023	R\$ 3.294,00	\$676,39
20	Administratives coast		Itamaraju Provedor de Internet e Informatica LTDA	1706	02/10/2023	05/10/2023	R\$ 330,00	\$67,76
21	Administratives coast		Itamaraju Provedor de Internet e Informatica LTDA	20236	13/11/2023	16/11/2023	R\$ 330,00	\$67,76
22	Administratives coast		TIM S.A	5068766123	01/11/2023	16/11/2023	R\$ 494,89	\$101,62
								\$0,00
							R\$ 13.855,69	\$2.845,11
						TOTAL	R\$ 154.564,47	\$31.738,08



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