

APPENDIX 1

Spatiotemporal variation in the diet of Hooded Berryeater (*Carpornis cucullata*) in the southernmost section of the Atlantic Forest ecoregion

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Figure ESM 1. Sampling coverage (interpolation-extrapolation) curves of the plant species consumed by the Hooded Berryeater (*Carpornis cucullata*) with the accumulation of foraging events observed throughout the study (A) and across seasons at Cerro das Almas (B) and Pontal da Barra (A). 95% confidence intervals based on 1000 bootstraps.

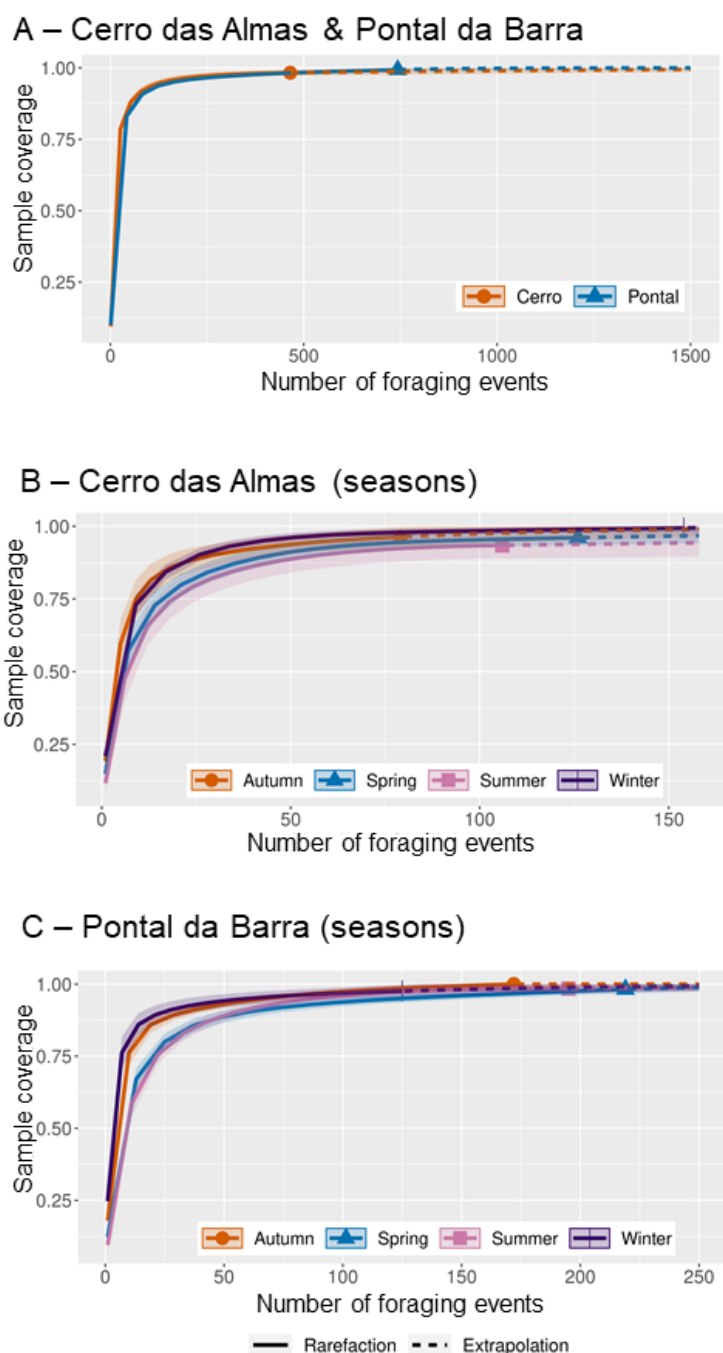


Figure ESM2. Frequency of frugivory events by the Hooded Berryeater (*Carponis cucullata*) per season at Cerro das Almas (A) and Pontal da Barra (B).

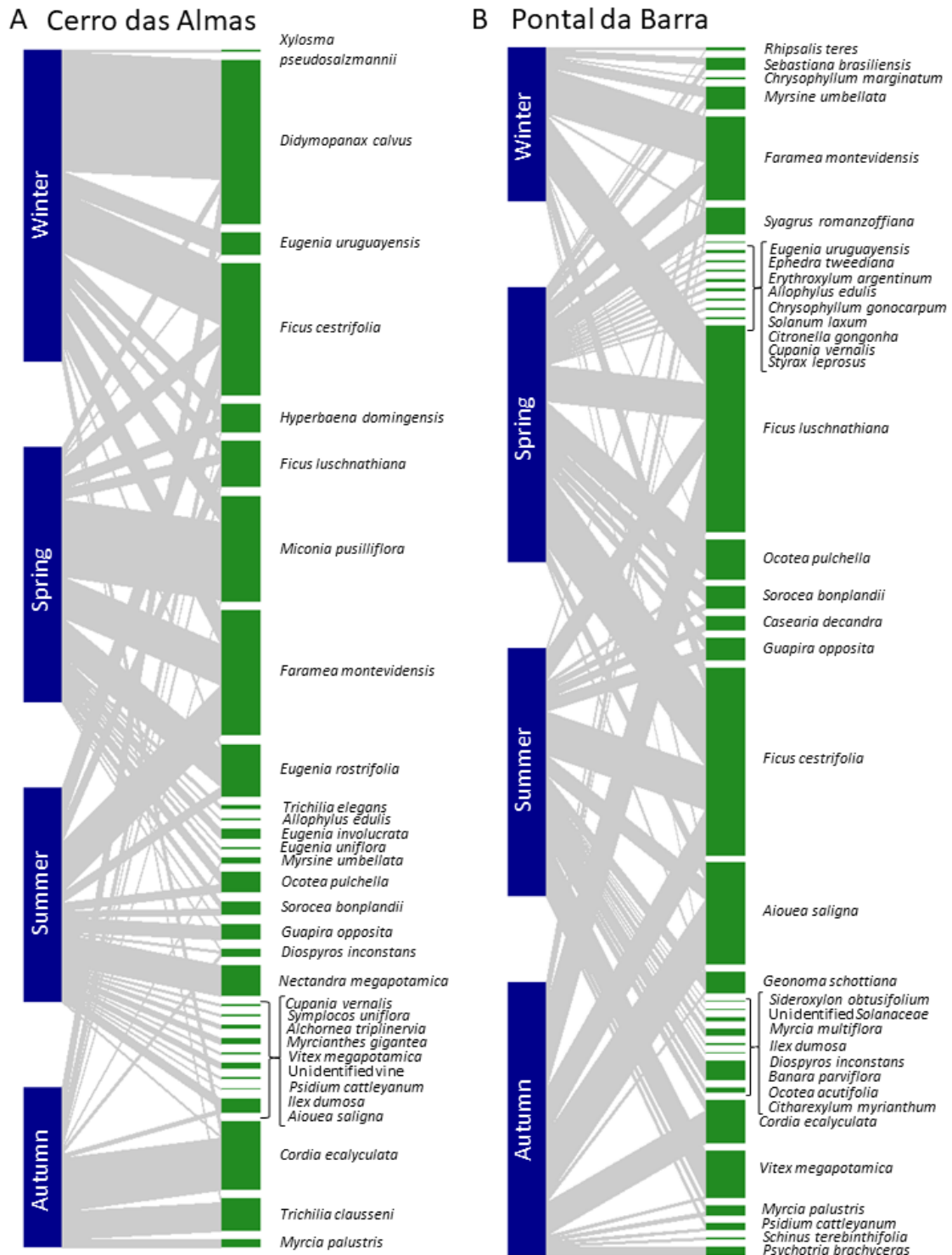


Table ESM 1. Sampling effort (in hours) per month in each area.

Cerro das Almas			Pontal da Barra (year 1)			Pontal da Barra (year 2)			Pontal da Barra (both years)		
Month	Year	Effort (h)	Month	Year	Effort (h)	Month	Year	Effort (h)	Month	Year	Effort (h)
Jan	multiple	118h	Jul	2022	7h20	Jul	2023	9h	Jul	both	16h20
Feb	multiple	59h	Aug	2022	8h20	Aug	2023	11h	Aug	both	19h20
Mar	multiple	64h	Sep	2022	7h	Sep	2023	5h	Sep	both	12h20
Apr	multiple	82h	Oct	2022	5h	Oct	2023	14h	Oct	both	19h
May	multiple	30h	Nov	2022	5h30	Nov	2023	19h	Nov	both	24h30
Jun	multiple	36h	Dec	2022	8h	Dec	2023	14h	Dec	both	22h
Jul	multiple	38h	Jan	2023	11h	Jan	2024	12h	Jan	both	23h
Aug	multiple	55h	Feb	2023	14h20	Feb	2024	16h	Feb	both	30h20
Sep	multiple	64h	Mar	2023	14h	Mar	2024	14h30	Mar	both	28h30
Oct	multiple	60h	Apr	2023	17h	Apr	2024	14h30	Apr	both	32h
Nov	multiple	109h	May	2023	12h	May	2024	12h	May	both	24h
Dec	multiple	100h	Jun	2023	17h	Jun	2024	16h	Jun	both	33h
Total		815h	Total		126h30	Total		157h	Total		284h

Table ESM 2. Number of foraging events per plant species consumed by the Hooded Berryeater (*Carpornis cucullata*) throughout the year at Cerro das Almas. Data includes all records during the study period.

Species	Summer			Autumn			Winter			Spring			Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<i>Ficus cestrifolia</i>	7	2	9	3	3	2	8	19	3	6	1	2	65
<i>Ficus luschnathiana</i>	4	3	2	1	1	1	1	5			1	4	23
<i>Faramea montevidensis</i>	22		3				5		12	3	15	2	62
<i>Eugenia rostrifolia</i>	5								2	7	5	7	26
<i>Guapira opposita</i>	7											1	8
<i>Cupania vernalis</i>	1												1
<i>Symplocos uniflora</i>	1												1
<i>Alchornea triplinervia</i>	1	1											2
<i>Myrcianthes gigantea</i>	2	1											3
<i>Nectandra megapotamica</i>	9	6											15
<i>Vitex megapotamica</i>		1											1
Unidentified vine			3										3
<i>Psidium cattleyanum</i>			1										1
<i>Ilex dumosa</i>			1										1
<i>Diospyros inconstans</i>			1	2							1		4
<i>Cordia ecalyculata</i>			1	8	6	12	6	1					34
<i>Aiouea saligna</i>			5	1	1								7
<i>Didymopanax calvus</i>				1	4	12	14	30	15	2	3		81
<i>Myrcia palustris</i>				4									4
<i>Trichilia clauseni</i>				6	5	3	2						16
<i>Hyperbaena domingensis</i>				1			2	2	3	2	2	2	14
<i>Miconia pusilliiflora</i>						1		10	3	27	11		52
<i>Myrsine umbellata</i>				1						1	1		3
<i>Eugenia uruguayensis</i>							1	2	7	1			11
<i>Xylosma pseudosalzmannii</i>									1				1
<i>Trichilia elegans</i>											2		2
<i>Allophylus edulis</i>											1		1
<i>Eugenia involucrata</i>											1	4	5
<i>Eugenia uniflora</i>											1		1
<i>Ocotea pulchella</i>	1	3									5	1	10
<i>Sorocea bonplandii</i>	3										1	3	7
Arthropods	1	0	0	0	0	0	3	5	5	4	1	1	20
N species consumed/month	12	7	9	10	6	6	8	7	8	8	15	9	
N foraging events/month	63	17	26	28	20	31	39	69	46	49	51	26	

Table ESM 3. Number of foraging events per plant species consumed by the Hooded Berryeater (*Carpornis cucullata*) throughout the year at Pontal da Barra. Data includes all records during the study period.

Species	Summer			Autumn			Winter			Spring			Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<i>Ficus cestrifolia</i>	20	9	6	4	13	20	6	7	6	17	32	12	152
<i>Ficus luschnathiana</i>	6	6	12	21	21	26	28	10	8	1	20	8	167
<i>Ficus cestrifolia/luschnathiana</i>	7	3	2	11	3	3					1	5	35
<i>Casearia decandra</i>	4	2										6	12
<i>Sorocea bonplandii</i>	4	1									4	9	18
<i>Guapira opposita</i>	7	3										8	18
<i>Ilex dumosa</i>	3	3											6
<i>Vitex megapotamica</i>	3	21	13	2									39
<i>Ocotea pulchella</i>	1	1	1						1	12	9	7	32
<i>Diospyros inconstans</i>	1		1										2
<i>Banara parviflora</i>		1											1
<i>Ocotea acutifolia</i>		9	7										16
<i>Citharexylum myrianthum</i>		3	1										4
<i>Cordia ecalyculata</i>		1	7	14	11	2							35
<i>Aiouea saligna</i>		8	8	19	19	14			3	11			82
<i>Geonoma schottiana</i>		5	6	1	1	1	1			2	1		18
<i>Sideroxylon obtusifolium</i>			1										1
Unidentified Solanaceae			1										1
<i>Myrcia multiflora</i>			3										3
<i>Myrcia palustris</i>			5	3									8
<i>Psidium cattleianum</i>			4	2									6
<i>Schinus terebinthifolia</i>				1	1								2
<i>Syagrus romanzoffiana</i>				1	1			1	1	2	13	3	22
<i>Psychotria brachyceras</i>				3	3	1							7
<i>Myrsine umbellata</i>				1	2	1	3	3	2	2	4		18
<i>Faramea montevidensis</i>	3					12	5	21	11	5	10	1	68
<i>Sebastiania brasiliensis</i>								2	3	5			10
<i>Rhipsalis teres</i>								1	1	1			3
<i>Chrysophyllum marginatum</i>									1	1			2
<i>Eugenia uruguayensis</i>										1			1
<i>Ephedra tweediana</i>										1	1		2
<i>Erythroxylum argentinum</i>										1		1	2
<i>Allophylus edulis</i>										1	1		2
<i>Chrysophyllum gonocarpum</i>										1	1		2
<i>Solanum laxum</i>											2		2
<i>Citronella gongonha</i>												2	2
<i>Cupania vernalis</i>												2	2
<i>Styrax leprosus</i>												1	1
Arthropods	0	1	0	2	3	0	0	0	0	1	0	0	7
N species consumed/month	11	15	16	13	10	9	5	7	10	16	13	13	
N foraging events/month	59	76	78	83	75	80	43	45	37	64	99	65	