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Marine and Freshwater Research

Supplementary Material

The distribution and significance of stingray feeding pits in Quandamooka (Moreton Bay), Australia

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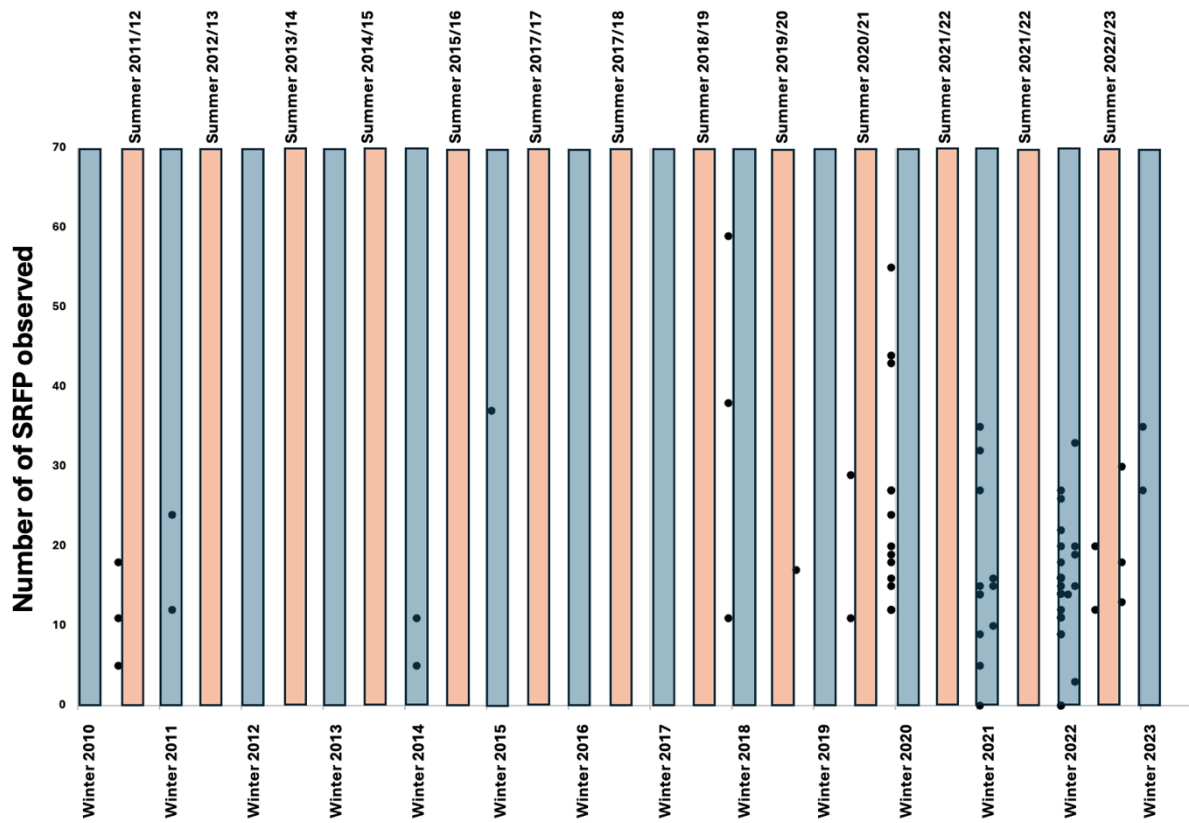


Figure S1. The number of SRFP observed from Nearmap images taken between November 2010 and June 2023. Blue bars represent winter months (June, July, August) and orange bars represent summer months (December, January, February). Only the clearest image (determined by lighting and low tide) from each of the 65 sites was analysed.

Table S1. The month and year Nearmap images were taken and that were subsequently analysed to identify SRFP density: (A) Month \times Year SRFP density analysed from Nearmap Images (one image per site); (B) the month when analysed Nearmap images were taken; (C) the year analysed Nearmap images were taken.

A)

Month x Year	Number of sites
November 2010	3
July 2011	2
July 2014	2
June 2015	1
May 2018	3
March 2019	1
November 2019	2
May 2020	12
June 2021	9
August 2021	3
June 2022	14
July 2022	1
August 2022	5
November 2022	2
March 2023	3
June 2023	2

B)

Month	Number of sites
March	4
May	15
June	26
July	5
August	8
November	7

C)

Year	Number of sites
2010	3
2011	2
2014	2
2015	1
2018	3
2019	3
2020	12
2021	12
2022	22
2023	5

Table S2. Count of the number of samples in each level of each variable analysed assessing the distribution of stingray feeding pits in Quandamooka (Moreton Bay), Australia.

Variable	Number of sites
<i>Sediment</i>	
Muddy sand	27
Sand	14
Sandy mud	24
<i>Shore morphology</i>	
Channel	12
Flat	23
Low tide bar	14
Ridge runnel	16
<i>High shore habitat</i>	
Mangroves	38
Sand beach	18
Seawall	9
<i>Bay side</i>	
East	31
West	34
<i>Season</i>	
Summer	11
Winter	54
<i>Year</i>	
2010	3
2011	2
2014	2
2015	1
2018	3
2019	3
2020	12
2021	12
2022	21
2023	6