

Prawn Survival Experiment Trial Info

Trial number: 17

Initial set date: June 10, 2022

Site name:

Echo Bay (near Powell Pt)

Initial set time: 11:30

EXPERIMENT START

Haul time: 12:25, June 11

Air temp: 13°C

Cloud cover: 75%

0 m temp: 11.6°C

0 m sal: 29.0

10 m temp: 8

10 m sal:

Start lat: 50°45.744

Start lon: 126°29.589 Depth: 45 fa

End lat: 50°45.662

End lon: 126°29.638 Depth: 50 fa

Comments:

No YSI.

Count = 38 + 52 + 41 + 29 + 44 + 48 + 40 + 39 + 23 +

Immediate release colour: Orange

Immediate release number: 60

30 min colour: Navy

30 min number: 60

1 h colour: White

1 h number: 60

1 h 30 min colour: Pink

1 h 30 min number: 60

2 h colour: Yellow

2 h number: 60

Bags out of water at: 15:14

Last trap set at: 15:23

EXPERIMENT END

Haul time: June ¹² 12, 2022 07:47

Air temp: 9.5

0 m temp: 11.0 (thermometer)
11.9 (sounder)

0 m sal: 14.0

10 m temp:

10 m sal:

Start lat: 50°45.644

Start lon: 126°29.690 Depth: 48 fa

End lat: 50°45.737

End lon: 126°29.582 Depth: 43 fa

Comments:

No YSI. All sal measurements from refractometer

- Traps 5 & 6 hung down 3m before indexing due to low salinity in tote
↳ stopped indexing after trap 4 - low salinity, prawns seemed mostly dead

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Prawn Survival Experiment Survival Data

Trap	Sex	Length	Band colour	Dead		Alive		Scavenged
1	1	34.32	White			1		
1	1	31.36	Blue			1		
1	1	34.0	W			1		
1	1	34.62	B			1		
1	1	33.5	B	1				
1	1	32.24	W			1		
1	1	33.0	Yellow	1				
1	1	31.5	Y			1		
1	1	23.32	W			1		
1	1	31.0	B			1		
1	1	30.45	Orange			1		
1	1	31.0	Pink			1		
1	1	33.9	B					1
1	1	32.5	O			1		
1	1	32.5	W			1		
1	1	30.79	W			1		
1	1	31.0	B			1		
1	1	32.41	W	1				
1	1	30.5	O			1		
3	1	41.18	O			1		
1	1	32.0	O			1		
1	1	31.69	B			1		
1	1	30.5	P			1		
1	1	31.33	O			1		
3	1	39.0	B			1		
1	1	33.15	Y	1				
1	1	34.0	W			1		
1	1	31.6	P	1				1
1	1	32.5	W			1		
1	1	33.18	B	1		1		
1	1	30.0	W			1		
2	1	41.5	Y	1				
3	1	43.0	W	1				
1	1	31.73	P			1		
2	1	39.0	NA					1
3	1	40.62	Y	1				
1	1	31.0	P	1				
1	1	32.57	Y	1				
1	1	32.5	Y	1				
1	1	31.5	Y	1				
1	NA	36.5	Y					1
1	1	23.12	P	1				
1	NA	33.0	O					1
✓	NA	NA	B					1
2	1	33.5	W			1		
2	1	31.55	B			1		

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Trap	Sex	Length	Band colour	Dead		Alive		Scavenged
2	1	32.64	W			1		
1	1	28.5	B			1		
	1	33.63	Y	1				
	1	31.0	W			1		
	1	33.71	Y			1		
	1	35.0	P			1		
	1	31.44	O			1		
	1	30.5	O			1		
	1	32.42	B			1		
	1	30.5	P			1		
	1	32.63	P	1				
	1	30.5	O	1				
	1	31.82	W			1		
	1	33.5	B			1		
	1	33.39	P			1		
	1	31.0	O			1		
	1	32.32	B			1		
	3	44.0	B	1				
	1	22.71	P	1				
	1	33.5	O			1		
	1	32.15	P	1				
	1	32.0	O			1		
	1	31.12	B	1				
	1	32.0	B	1				
	1	31.28	O			1		
	1	30.50	B			1		
	1	32.51	O			1		
	1	33.0	O			1		
	1	32.5	B			1		
	1	34.05	Y			1		
	3	41.5	O	1		1		
	1	30.8	W			1		
	1	30.5	W			1		
	1	31.5	P	1				
	1	33.48	P	1				
	1	29.5	O			1		
	1	30.44	Y	1				
	1	32.0	P	1				
	1	31.33	O	1				
	1	30.0	P	1				
	3	43.24	Y	1				
	1	30.5	P	1				
	NA	33.71	Y	1				
	NA	32.53	Y					1
	NA	31.82	P					1
✓	NA	NA	P					1

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Prawn Survival Experiment Survival Data

Trap	Sex	Length	Band colour	Dead	Alive	Scavenged
2	NA	NA	W			1
3	2	38.5	Y		1	
	2	37.9	W	1		
	1	32.5	P		1	
	2	36.1	W	1		
	1	32.0	O		1	
	1	23.33	B		1	
	2	41.0	W		1	
	1	31.83	O		1	
	1	28.5	B		1	
	1	30.99	O		1	
	1	30.5	O		1	
	1	33.15	B		1	
	1	31.0	B		1	
	1	29.75	B	1		
	1	30.0	B		1	
	1	34.1	W		1	
	2	36.0	P		1	
	1	32.6	P	1		
	1	31.0	B		1	
	1	31.75	B		1	
	1	33.5	W		1	
	1	34.44	Y	1		
	1	32.0	P	1		
	1	32.16	B		1	
	1	32.0	B		1	
	1	31.6	O		1	
	2	38.0	Y	1		
	1	31.91	W		1	
	1	30.5	Y	1		
	1	33.0	B		1	
	1	32.21	B		1	
	1	24.0	B	1		
	1	31.61	B		1	
	1	30.5	B	1		
	1	29.39	B		1	
	1	31.0	P	1		
	3	39.62	Y	1		
	1	22.0	P	1		
	1	32.34	B		1	
	1	31.5	Y	1		
	1	32.0	B		1	
	2	36.94	P	1		
	1	33.0	B			1
	1	30.52	P		1	
	1	31.5	B		1	

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Trap	Sex	Length	Band	colour	Dead		Alive		Scavenged
3	1	31.9	Y		1				
	1	30.5	W		1				
	1	32.0	W		1				
	NA	32.0	Y						1
	NA	30.0	O						1
	NA	30.0	Y						1
	NA	30.0	Y						1
✓	NA	NA	Y						1
4	1	33.0	O		1				
	1	28.5	O		1				
	1	28.0	O				1		
	1	32.0	P				1		
	1	32.92	W				1		
	3	37.5	P		1				
	1	32.95	B				1		
	1	32.5	B				1		
	1	30.23	B				1		
	3	39.0	W		1				
	1	33.03	B				1		
	1	31.5	O		1				
	1	32.1	W				1		
	1	32.0	W				1		
	1	32.95	W		1				
	1	32.5	O		1				
	1	33.05	P				1		
	1	30.5	O		1				
	1	31.88	O		1				
	1	33.0	O		1				
	1	32.0	B		1				
	1	22.74	O				1		
	1	32.5	W				1		
	1	30.5	O		1		1		
	1	33.99	P		1				
	1	32.5	O		1				
	1	34.14	O		1				
	1	32.0	Y		1				
	1	33.74	O		1				
	2	37.5	Y		1				
	1	33.5	Y		1				
	1	34.0	Y		1				
	1	33.0	W		1				
	3	38.5	P						1
	NA	30.0	P						1
	NA	NA	Y						1
	NA	NA	Y						1
✓	NA	NA	P						1