

## Prawn Survival Experiment Trial Info

Trial number: 18

Initial set date: June 15

Site name: Echo Bay (Powell Pt)

Initial set time: 10:30

### EXPERIMENT START

Haul time: June 16/ 9:18

Air temp: 12.0

Cloud cover: 100%

0 m temp: 11.5

0 m sal: ~ 22.0 (highly variable!)

10 m temp:

10 m sal: 126° 29.693

Start lat: 50° 45.794 50° 45.660

Start lon: 126° 29.681 Depth: 51 f

End lat: 50° 45.768

End lon: 126° 29.585 Depth: 43 f

#### Comments:

Total temp = 10.8

Count = 15 + 13 + 31 + 25 + 20 + 26

Total sal = 24.5

+ 18 + 22 + 29 + 35

### \*Thermometer/ refractometer

Immediate release colour: BLUE

Immediate release number: 56

30 min colour: PURPLE

30 min number: 56

1 h colour: GREEN

1 h number: 56

1 h 30 min colour: PINK

1 h 30 min number: 56

2 h colour: Ø

2 h number: Ø

Bags out of water at: 11:39

Last trap set at: 11:47

### EXPERIMENT END

Haul time: June 17, 2022 / 09:20

Air temp: 11.8

0 m sal: 13.0

0 m temp:

10 m sal:

10 m temp:

Start lon: 126° 29.625

Depth: 47.61 f

Start lat: 50° 45.692

End lon: 126° 29.585

Depth: 42.97

End lat: 50° 45.729

Comments:

### \*Thermometer/ refractometer

Total sal: 24.5

Total temp: 11

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Trial number:  
Echo Bay JUNE 19 2022

### Prawn Survival Experiment Survival Data

Trap	Sex	Length	Band colour	Dead		Alive		Scavenged
1	1	33.5	Pink (Pi)	✓				
1	2	40	Blue			✓		
1	1	32	Purple (Pu)			✓		
1	1	32.63	Pu			✓		
1	1	33.	Pu			✓		
1	1	31.35	B			✓		
2	2	37	B			✓		
1	1	30.53	Pu			✓		
1	1	33	Pu			✓		
2	2	42.41	Pi				✓	
1	1	35.	Green			✓		
1	1	31.84	G			✓		
1	1	31	Pu					
1	1	32.35	G	✓				
1	1	35	G			✓		
1	1	36.01	Pu			✓		
1	1	32	Pu			✓		
1	1	31.94	B			✓		
1	1	32.5	Pu			✓		
1	1	30.99	Xu			✓		
1	1	20.85	G			✓		
1	1	32.86	B			✓		
1	1	22	B			✓		
1	1	30	B	✓				
2	2	38	B	✓				
1	1	34.5	B	✓				
1	1	33	G				✓	
1	1	32.5	Pi	✓				
1	1	32	Pi	✓				
1	0	40	Pi					✓
1	0	48	G					✓
2	3	37.23	Pu			✓		
1	3	39	B			✓		
1	3	39.1	Pi	✓				
3	3	40	B			✓		
2	2	36.54	G			✓		
2	2	39.5	Pu			✓		
1	1	32.35	G			✓		
1	1	34	B			✓		
3	3	413.89	B			✓		
1	1	31.5	G			✓		
2	2	38.9	Pu			✓		
1	1	32	Pi			✓		
1	1	32.65	G			✓		
2	2	39.5	B			✓		
1	1	36.11	Pi					✓

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## Prawn Survival Experiment Survival Data

Trap	Sex	Length	Band colour	Dead	Alive	Scavenged
2	1	31.5	Pu		✓	
1	1	33.16	B		✓	
1	1	33	G		✓	
1	1	32.97	B	✓		
2	1	38	G		✓	
1	1	32	G		✓	
2	1	41.57	Pu		✓	
1	1	30.5	Pu		✓	
1	1	33.78	Pi	✓	✓	
1	1	31.5	Pi		✓	
1	1	23.58	B		✓	
1	1	33.5	Pu	✓		
1	1	31.5	Pi	✓		
1	1	32	G	✓		✓
0	0	0	Pi			
1	1	24	G	✓		
1	1	25.07	Pu	✓		
5	1	39	Pu	✓		✓
6	1	5	Pu			✓
↓	0	0	Pi			✓
2	0	0	G			✓
3	2	39	Pu		✓	
1	1	31.73	Pu		✓	
2	1	39	Pu		✓	
1	1	32.08	B	✓		
2	1	210.5	Pu		✓	
1	1	31.621	Pi		✓	
2	1	40.5	G		✓	
1	1	32.25	Pu		✓	
1	1	31	B		✓	
1	1	30.78	G		✓	
3	1	38.5	B		r	
1	1	32.6	G	✓		
2	1	28.5	B		✓	
3	1	210.36	Pi			✓
1	1	32	B		✓	
0	1	33.85	Pi	✓		
1	1	35	B		✓	
2	1	41.15	G	✓		
1	1	34	B		✓	
3	1	37.93	Pi	✓		
1	1	32	B		✓	
1	1	32.48	B		✓	
1	1	31.25	Pu	✓		
2	1	34.11	G	✓		
↓	1	31.24	B	✓		

Echo Bay

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## Prawn Survival Experiment Survival Data

June 14<sup>th</sup> 2022

Trap	Sex	Length	Band colour	Dead	Alive	Scavenged
3	1	33	Pu	✓		
1	1	22.02	G	✓		
1	1	30.5	G	✓		
2	1	40.5	Pi	✓		
1	1	33	Pi	✓		
20		68	Pi			✓
		32.65	Pi			✓
↓	1	20	Pi	✓		
3	1	31.5	G		✓	
4	1	32	Pu		✓	
1	3	38	B		✓	
3		38.13	B		✓	
2		30.5	Pi		✓	
2		38.77	G	✓		
2		37.5	G		✓	
1		33.14	G		✓	
2		38	G		✓	
1		33.65	B		✓	
1		33	B		✓	
1		31.29	Pu	✓		
1		32.5	B		✓	
1		32.16	G		✓	
1		34	B		✓	
3		40.77	B		✓	
1		24	B		✓	
1		32.92	G		✓	
1		33	Pu		✓	
1		31.57	Pu		✓	
1		33	Pi		✓	
1		31.63	Pi	✓		
1		30.5	G		✓	
1		30.03	Pi		✓	
2		38.5	Pi		✓	
1		32.27	Pi	✓		
1		32	Pi	✓		
1		33.14	Pu	✓		
1		30.5	G	✓		
1		31.7	Pu	✓		
3		38	B		✓	
1		32.85	B	✓		
1		31.13	Pu	✓		
8		10	Pi			✓
10		15	Pu			✓
8		38.29	Pi			✓
↓	1	32.12	Pi			✓
4	1	33.40	Pi	✓		

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## Prawn Survival Experiment Survival Data

Trap	Sex	Length	Band colour	Dead		Alive		Scavenged
4	1	33.57	Pi	✓				✓
4	1	30.88	G					✓
4	15	33.30	Pi					
5	1	30.5	B			✓		
1	1	32.10	Pu			✓		
1	2	38	B			✓		
1	1	32.4	B			✓		
1	1	29.5	B	✓		✓		
3		39.25	Pu					
2		40	O					
1	1	30.6	B			✓		
1	1	32	G			✓		
1	1	31.89	B			✓		
1	1	31.5	B			✓		
1	1	31.65	G			✓		
1	1	32	G	✓				
1	1	29.62	Pi	✓				
1	1	31.61	Pu			✓		
2		39.5	Pu	✓				
1	1	31.63	Pu			✓		
1	1	32	G			✓		
2		40.70	G			✓		
1	1	33.5	G			✓		
2		41.39	Pu	✓				
1	1	37.5	Pu			✓		
3		41.61	Pi	✓				
1	1	34	Pu			✓		
1	1	32.80	O	✓				
1	1	32.5	G			✓		
1	1	24	B			✓		
1	1	32.77	G	✓				
1	1	31.38	B	✓				
3		41.6	Pi	✓				
1	1	31.92	B	✓				
1	1	34.29	Pi	✓				
3		40.14	Pi					✓
1	1	36	Pu	✓				
1	1	33	O					✓
1	1	30	Pi	✓				
1	1	30.5	Pi	✓				
1	1	32	Pu	✓				
1	1	31	Pi					✓
5	0	10	Pi					✓
6	2	38.5	Pu					
6	2	36.5	G			✓		
6	1	32.5	Pu			✓		

Echo Bay

Echo Bay Trial number: #18  
June 19<sup>th</sup> 2022

Prawn Survival Experiment Survival Data

Echo Bay

Trial number: #18

June KHM 2022

## Prawn Survival Experiment Reflex Data

Trap	Sex-Band	1	2	3	4	5	6	7	8	9	10
1	1B	✓									→
1	1G	✓	✓	✓	✓	✓	✓	✓	✓	X	✓
1	1B	✓	—								→
1	1-R	X	✓	✓	✓	✓	✓	✓	✓	X	✓
2	2B	X	X	✓	✓	✓	✓	✓	✓		→
1	1R	✓	—								→
1	G	✓	—								→
1	Pv	✓									→
1	Pv	✓									→
1	G	X	✓								→
1	R	✓	—								→
1	R	✓									→
2	2B	✓	—								→
1	1B	✓									→
1	1B	✓	—								→
1	G	✓									→
1	Pv	✓									→
1	Pv	✓									→
I	1R	✓	X	✓	✓	✓	✓	✓	✓	X	✓
2	1G	✓	✓	✓	X	✓	X	X	X	X	✓
1	2G	✓	—								→
1	3B	✓	—								→
1	1B	✓									→
1	3B	✓									→
1	3R	✓									→
1	3B	✓									→
1	3R	✓									→
2	2G	✓									→
2	2B	✓									→
1	2R	✓									→
1	G	✓									→
1	Pv	✓									→
1	B	✓	✓	✓							→
1	B	✓	X	✓							→
1	R	X	X	✓							→
1	G	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
1	G	✓	—								→
1	R	✓	X	✓	X	✓	✓	X	✓	X	✓
2	2R	X	X	✓	✓	✓	✓	✓	✓		→
3	2B	✓	—								→
1	1B	✓									→
1	R	✓									→
1	B	✓									→
1	Pv	✓									→

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## Prawn Survival Experiment Reflex Data

Trap	Sex-Band	1	2	3	4	5	6	7	8	9	10
3	2 P	✓									→
1	1 B	✓									→
1	2 B	✓	-								→
2	2 B	✓									→
3	3 B	✓									→
1	1 B	✓									→
1	1 B	✓									→
3	3 G	X	X	X	X	X	X	✓	X	X	
1	1 P	✓									→
1	1 P	✓									→
↓	1 B	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
3	1 G	X	X	✓	✓	✓	✓	X	✓	X	✓
4	1 G	✓	-								→
1	1 P	X	X	✓	X	✓	✓	X	✓	X	→
1	1 G	✓									→
1	1 B	✓									→
1	1 B	✓									→
2	2 B	✓									→
2	2 G	✓									→
1	1 P	X	X	✓	✓	✓	✓	✓	✓	X	✓
1	1 B	✓									→
1	1 P	✓									→
3	3 B	X	X	✓	✓	✓	✓	✓	✓	X	✓
1	1 P	✓	X	✓	X	✓	X	X	✓	X	X
1	1 B	X	X	X	X	X	X	X	✓	X	X
1	1 G	X	X	X	X	X	X	X	✓	X	✓
2	2 B	✓	✓	✓	✓	✓	✓	✓	✓	X	✓
3	3 G	X	X	X	X	X	X	X	✓	X	X
1	1 G	✓									→
2	2 B	✓									→
↓	1 B	✓									→
4	1 P	✓		✓	✓	✓	✓	X	✓	✓	✓
5	3 G	✓									→
1	1 P	X	X	✓	✓	✓	✓	✓	✓	X	✓
1	1 B	✓									→
1	1 P	✓	X	X	X	X	X	X	✓	X	✗
1	1 B	✓	X	✓	✓	✓	✓	✓	✓	X	✓
1	1 G	✓									→
2	2 P	✓		✓	✓	✓	✓	✓	✓	X	✓
1	1 B	✓	.	✓	✓	✓	✓	✓	✓	X	✓
3	3 P	✓									→
1	1 B	✓									→
1	1 P	X	X	X	X	X	X	✓	X	✗	
1	1 B	✓									→
1	1 G	✓									→
↓	1 G	✓									→

Missing  
solution =