

2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 70

Vessel: Vesterdaalen 2018-01

Keys & Comments on back

Collected By: AB / JD

Leg: 1



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	037	CB	F	64.74	2	000	N
B1	037	CB	F	47.24	2	000	N
C1	038	CB	M	38.51	2	435	N
D1	068	CB	M	50.27	2	6.90	N
E1	068	CB	M	54.27	2	6.24	N
F1	068	CB	M	44.83	2	5.14	N
G1	068	CB	M	32.85	2	3.78	N
H1	068	CB	M	55.88	2	7.09	N
A2	068	CB	M	31.76	2	4.10	N
B2	068	CB	M	43.11	2	4.82	N
C2	068	CB	M	59.01	2	8.45	N
D2	068	CB	F	60.66	2	000	N
E2	068	CB	F	63.03	2	000	N
F2	068	CB	F	55.80	2	000	Y
G2	068	CB	M	41.15	4	22.68	N
H2	068	CB	M	41.76	4	25.04	N
A3	068	CB	M	99.23	4	—	N
B3	068	CB	M	104.12	4	26.68	N
C3	068	CB	M	99.02	4	15.42	N
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3	069	CB	F	48.68	2	000	N
F3	069	CB	F	46.71	2	000	N
G3	069	CB	F	31.81	2	000	N
H3	069	CB	M	101.96	4	—	N
A4	069	CB	M	90.13	4	16.07	N
B4	069	CB	M	101.34	4	19.84	N
C4	069	CB	M	50.77	2	6.98	N
D4	069	CB	M	55.65	2	6.63	N
E4	069	CB	M	54.33	2	6.36	N
F4	069	CB	M	50.49	2	6.22	N
G4	069	CB	M	59.75	2	7.60	N
H4	069	CB	M	51.55	2	6.03	N
A5	069	CB	M	46.11	2	—	N
B5	071	CB	M	98.57	4	21.65	N
C5	073	CB	F	31.02	2	000	N
D5	073	CB	F	36.77	2	000	N
E5	073	CB	F	28.68	2	000	N
F5	073	CB	F	20.25	2	000	N
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5	073	CB	F	31.37	2	000	N
A6	073	CB	M	35.77	2	4.14	N
B6	073	CB	M	36.97	2	—	N
C6	073	CB	M	30.54	2	4.40	N
D6	073	CB	M	32.05	2	4.11	N
E6	073	CB	M	35.03	2	4.45	N
F6	072	CB	M	100.03	4	18.55	N
G6	072	CB	M	35.04	2	4.69	N
H6	072	CB	M	28.94	2	3.73	N

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	072	CB	M	31.34	2	3.97	N
B7	103	CO	F	59.56	2	000	N
C7	↑	CO	F	46.27	2	000	N
D7	↑	CO	F	48.53	2	000	N
E7	↑	CO	F	45.21	2	000	N
F7	↑	CO	F	44.96	2	000	N
G7	↑	↑	F	43.42	2	000	N
H7	↑	↑	F	41.35	2	000	N
A8	↑	↑	F	47.42	2	000	Y
B8	↑	↑	F	42.71	2	000	N
C8	↑	↑	M	53.41	2	8.98	N
D8	↑	↑	F	50.88	2	000	N
E8	↑	↑	M	56.99	2	13.25	N
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8	↑	↑	M	60.77	2	11.10	N
H8	↑	↑	M	51.54	2	10.67	N
A9	↑	↑	M	47.77	2	7.32	N
B9	↑	↑	M	43.62	2	7.46	N
C9	↑	↑	M	41.90	2	7.41	N
D9	↑	↑	M	40.68	2	6.59	N
E9	↑	↑	M	48.14	2	8.41	N
F9	↑	↑	M	42.78	2	6.90	N
G9	117	CO	M	70.15	2	16.57	N
H9	↑	CO	M	76.52	2	16.61	N
A10	↑	CO	M	74.97	2	17.06	N
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10	↑	CO	M	71.70	2	—	N
D10	↓	CO	M	71.21	2	16.85	N
E10	117	CO	M	65.27	2	14.43	N
F10	↑	CO	M	58.22	2	17.74	N
G10	↑	CO	M	64.70	3	14.29	N
H10	↑	CO	M	75.74	3	16.77	N
A11	↑	CO	M	71.96	3	15.65	N
B11	↑	CO	M	64.13	3	13.18	N
C11	↑	CO	M	74.93	4	15.85	N
D11	↑	CO	M	87.63	4	16.32	N
E11	↑	CO	M	65.66	4	16.81	N
F11	133	CO	M	84.98	2	20.88	N
G11	↑	CO	M	73.15	3	17.33	N
H11	↓	CO	M	56.83	2	11.88	N
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12	133	CO	M	60.96	4	13.15	N
C12	↑	CO	M	74.02	4	17.82	N
D12	↑	CO	M	85.11	4	18.06	N
E12	↑	CO	M	88.70	2	22.91	N
F12	↑	CO	M	64.07	4	13.05	N
G12	↑	CO	M	63.02	4	14.61	N
H12	↓	CO	M	92.39	2	22.91	N

bottom
-02
-6

-5

05-

L

2

L

NOTES: Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

D7, E7, F7 = 1 samples

G3, E4 = 1 blood samples

B5 - DISREGARD - COLLECTED ON WRONG STATION

↳ SORRY, I thought haul ^(E6) 71 was a BCS site & not ^(D6) 72.

I had them switched in my head on accident.

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width (mm, tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	BCS+: P = Visually Positive N = Visually Negative
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 71
 Collected By: AB/SUR

Vessel: 94
 Leg: 2

Keys & Comments on back 

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS	Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	133	CO	M	62.67	3	14.17	N	A7	137	CO	M	91.54	3	23.07	N
B1	133	CO	M	64.91	4	12.41	N	B7		CO	M	72.67	2	15.79	N
C1	133	CO	M	63.72	4	14.83	N	C7		CO	M	78.80	2	19.72	N
D1	133	CO	M	59.18	4	12.70	N	D7		CO	M	62.30	2	13.71	N
E1	133	CO	M	79.16	3	13.64	N	E7		CO	M	82.53	3	18.83	N
F1	136	CO	M	92.17	2	22.16	N	F7		CO	M	53.80	2	11.67	N
G1	136	CO	M	86.94	2	21.36	N	G7		CO	M	86.84	2	21.54	N
H1	136	CO	M	86.36	3	21.04	N	H7		CO	M	80.97	3	19.98	N
A2	136	CO	M	82.68	3	13.56	N	A8		CO	M	82.20	3	19.33	N
B2	136	CO	M	77.03	2	17.15	N	B8		CO	M	84.98	3	20.54	N
C2		CO	M	77.90	3	17.46	N	C8		CO	M	67.88	3	15.68	N
D2		CO	M	69.23	2	16.14	N	D8		CO	M	59.92	3	13.55	N
E2		CO	M	85.40	3	19.22	N	E8		CO	M	67.12	3	14.89	N
F2		CO	M	77.64	4	17.86	N	F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G2		CO	M	86.22	4	19.19	N	G8		CO	M	76.20	3	17.08	N
H2	137-137	CO	M	80.92	2	15.18	N	H8		CO	M	71.5	3	17.04	N
A3	137	CO	M	56.64	2	10.56	N	A9		CO	M	71.38	2	16.20	N
B3	137	CO	M	69.25	2	15.52	N	B9		CO	M	64.23	2	14.53	N
C3		CO	M	45.86	2	9.24	N	C9		CO	M	65.22	3	14.56	N
D3	DO NOT TAKE SAMPLE - CONTROL WELL							D9		CO	M	61.07	3	14.16	N
E3		CO	M	58.77	2	11.67	N	E9		CO	M	78.22	2	16.67	N
F3		CO	M	81.51	3	18.86	N	F9		CO	M	96.04	3	20.87	N
G3		CO	M	62.80	2	14.73	N	G9		CO	M	73.18	2	17.84	N
H3		CO	M	62.88	2	14.06	N	H9		CO	M	79.54	3	18.44	N
A4		CO	M	84.57	3	19.98	N	A10		CO	M	53.31	2	12.14	N
B4		CO	M	62.75	3	12.61	N	B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C4		CO	M	65.46	3	13.89	N	C10		CO	M	67.68	3	14.86	N
D4		CO	M	59.08	2	11.97	N	D10		CO	M	79.69	2	19.38	N
E4		CO	M	66.65	2	14.57	N	E10		CO	M	69.84	3	14.44	N
F4		CO	M	42.64	2	18.70	N	F10		CO	M	63.37	2	13.89	N
G4		CO	M	87.22	3	22.54	N	G10		CO	M	82.24	3	23.01	N
H4		CO	M	86.50	3	20.51	N	H10		CO	M	76.22	3	17.87	N
A5		CO	M	61.43	2	13.69	N	A11		CO	M	68.10	2	16.32	N
B5		CO	M	53.65	3	12.24	N	B11		CO	M	54.12	2	11.27	N
C5		CO	M	72.60	2	14.99	N	C11		CO	M	80.23	2	18.79	N
D5		CO	M	58.18	4	12.87	N	D11		CO	M	81.78	2	20.11	N
E5		CO	M	48.38	2	16.61	N	E11		CO	M	59.55	2	13.97	N
F5		CO	M	71.84	2	15.35	N	F11		CO	M	91.34	4	21.91	N
G5	DO NOT TAKE SAMPLE - CONTROL WELL							G11		CO	M	81.54	2	19.63	N
H5		CO	M	77.77	2	18.87	N	H11		CO	M	85.31	2	22.43	N
A6		CO	M	80.73	3	18.77	N	A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B6		CO	M	59.20	3	12.30	N	B12		CO	M	57.02	3	11.93	N
C6		CO	M	54.60	3	11.80	N	C12		CO	M	81.96	2	21.02	N
D6		CO	M	63.30	2	15.39	N	D12		CO	M	84.28	3	20.69	N
E6		CO	M	75.85	2	17.71	N	E12		CO	M	62.32	4	12.93	N
F6		CO	M	77.58	3	17.75	N	F12		CO	M	73.73	3	18.25	N
G6		CO	M	66.21	2	15.53	N	G12		CO	M	52.46	2	11.25	N
H6		CO	M	63.45	3	13.25	N	H12		CO	M	62.38	2	15.52	N

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

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KEYS:

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2018 EBS *Chionoecetes* Index Site Hemolymph Collections - Pathobiology

Plate Number: 71

Vessel: 94 Vesteraalun

Keys & Comments on back 

Collected By: SM/CL

Leg: 2

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	147	Co	M	56.30	2	9.38	N
B1			M	47.52	2	9.62	N
C1			M	64.12	2	13.57	N
D1			F	41.56	2	000	N
E1			M	52.94	2	8.45	N
F1			M	45.96	2	7.37	N
G1			F	45.52	2	000	N
H1			M	38.54	2	5.81	N
A2			F	50.44	2	000	N
B2			F	39.02	2	000	N
C2			F	44.06	2	000	N
D2			M	39.92	2	5.95	N
E2			M	46.37	2	7.23	N
F2			M	47.58	2	7.46	N
G2			M	43.70	2	6.47	N
H2	✓	✓	M	50.20	2	8.26	N
A3							
B3							
C3							
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3							
F3							
G3							
H3							
A4							
B4							
C4							
D4							
E4							
F4							
G4							
H4							
A5							
B5							
C5							
D5							
E5							
F5							
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5							
A6							
B6							
C6							
D6							
E6							
F6							
G6							
H6							

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7							
B7							
C7							
D7							
E7							
F7							
G7							
H7							
A8							
B8							
C8							
D8							
E8							
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8							
H8							
A9							
B9							
C9							
D9							
E9							
F9							
G9							
H9							
A10							
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10							
D10							
E10							
F10							
G10							
H10							
A11							
B11							
C11							
D11							
E11							
F11							
G11							
H11							
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12							
C12							
D12							
E12							
F12							
G12							
H12							

2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 72
 Collected By: OL/SMR

Vessel: 74-VRST
 Leg: 2

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	147	CO	F	47.91	2	000	N
B1		CO	M	52.86	2	8.12	N
C1		CO	M	51.45	2	7.77	N
D1		CO	F	44.48	2	000	N
E1		CO	F	45.82	2	000	N
F1		CO	F	46.31	2	000	N
G1		CO	M	44.15	2	6.91	N
H1		CO	F	48.19	2	000	N
A2		CO	F	49.31	2	000	N
B2		CO	F	46.14	2	000	N
C2		CO	F	42.85	2	000	N
D2		CO	F	49.28	2	000	N
E2		CO	M	47.22	2	8.44	N
F2		CO	F	48.69	2	000	N
G2		CO	M	46.32	2	7.57	N
H2		CO	M	45.69	2	7.51	N
A3	149	CO	F	43.04	2	000	N
B3			M	55.58	2	8.29	N
C3			F	50.56	2	000	N
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3			M	43.27	2	11.26	N
F3			M	45.12	2	6.04	N
G3			F	42.54	2	000	N
H3			F	46.12	2	000	N
A4			F	48.39	2	000	N
B4			F	43.15	2	000	N
C4			F	29.15	2	000	N
D4			M	59.39	2	10.41	N
E4			M	53.10	2	9.37	N
F4			F	57.57	2	000	N
G4			M	54.08	2	9.03	N
H4			M	41.04	2	6.06	N
A5			F	31.09	2	000	N
B5			M	59.30	2	10.83	N
C5			F	53.09	2	000	N
D5			F	39.70	2	000	N
E5			F	31.87	2	000	N
F5			F	32.44	2	000	N
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5	181	CO	M	53.37	2	8.92	N
A6			M	56.29	2	9.68	N
B6			M	56.15	2	9.05	N
C6			M	59.39	2	10.39	N
D6			F	53.67	2	000	N
E6			M	43.81	2	8.49	N
F6			M	48.72	2	8.10	N
G6			M	50.28	2	7.36	N
H6	181	CO	M	56.11	2	8.79	N

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	181	CO	M	49.21	2	7.87	N
B7			F	46.76	2	000	N
C7			F	44.88	2	000	N
D7			M	45.86	2	9.00	N
E7			F	43.43	2	000	N
F7			F	49.72	2	000	N
G7			M	42.99	2	7.60	N
H7			F	44.96	2	000	N
A8			F	45.92	2	000	N
B8			F	45.19	2	000	N
C8	181		M	37.77	2	5.69	N
D8	182		F	42.13	2	000	N
E8			M	53.36	2	12.12	N
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8			F	40.81	2	000	N
H8			M	38.24	2	6.04	N
A9			M	41.33	2	6.25	N
B9			F	43.66	2	000	N
C9			M	39.02	2	6.18	N
D9			M	41.21	2	6.48	N
E9			M	38.78	2	5.96	N
F9			F	41.37	2	000	N
G9			M	46.26	2	7.67	N
H9			F	40.03	2	000	N
A-10			M	45.96	2	7.17	N
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10			F	41.73	2	000	N
D10			M	51.40	2	8.47	N
E10			M	43.54	2	6.86	N
F10			M	53.74	2	9.83	N
G10			M	51.17	2	8.32	N
H10			M	59.91	2	12.12	N
A11	182	CO	M	38.16	2	5.91	N
B11	183	CO	F	39.80	2	000	N
C11			F	43.24	2	000	N
D11			F	53.63	2	000	N
E11			M	42.67	2	6.78	N
F11			M	59.45	2	9.49	N
G11			F	41.51	2	000	N
H11			F	45.35	2	000	N
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12			M	51.58	2	10.73	N
C12			F	42.04	2	000	N
D12			M	53.02	2	11.75	N
E12			F	42.44	2	000	N
F12			M	50.91	2	10.53	N
G12			M	48.03	2	8.10	N
H12			M	38.63	2	6.17	N

Chairs long confirmed that samples w/o sh...

10/25/18

2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 73

Vessel: 94

Collected By: AB/SMR

Leg: 2

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	137	CO	M	91.22	2	22.00	N
B1		CO	M	54.61	2	10.00	N
C1		CO	M	70.33	2	16.14	N
D1		CO	M	57.27	3	12.32	N
E1		CO	M	67.03	2	12.91	N
F1		CO	M	75.29	2	15.33	N
G1		CO	M	63.30	2	14.79	N
H1		CO	M	61.42	2	14.21	N
A2		CO	N	64.79	2	12.18	N
B2		CO	M	72.92	2	18.30	N
C2		CO	N	53.58	3	11.88	N
D2		CO	N	57.10	2	13.58	N
E2		CO	M	75.83	2	17.48	N
F2		CO	N	81.13	3	18.58	N
G2		CO	N	72.78	2	17.10	N
H2		CO	M	61.31	2	14.68	N
A3		CO	M	72.43	2	16.61	N
B3		CO	M	71.16	2	15.95	N
C3		CO	M	75.64	3	18.48	N
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3		CO	M	83.42	3	19.81	N
F3		CO	M	74.97	2	17.28	N
G3		CO	M	68.68	3	16.15	N
H3		CO	M	62.89	2	14.97	N
A4		CO	M	82.99	2	20.24	N
B4		CO	M	50.34	2	10.82	N
C4		CO	M	80.90	2	20.49	N
D4		CO	N	79.46	2	19.85	N
E4		CO	N	71.30	2	16.70	N
F4		CO	M	75.63	2	18.24	N
G4		CO	M	63.62	2	14.86	N
H4	138	CO	M	77.95	3	17.84	N
A5		CO	M	72.69	3	17.33	N
B5		CO	M	74.28	3	17.36	N
C5		CO	M	77.12	3	17.86	N
D5		CO	M	79.60	3	18.35	N
E5		CO	M	72.49	3	16.58	N
F5		CO	M	83.21	3	19.59	N
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5		CO	M	64.47	3	13.27	N
A6		CO	M	91.45	3	23.00	N
B6		CO	M	82.21	3	18.98	N
C6		CO	M	68.83	3	16.80	N
D6		CO	M	69.93	3	17.20	N
E6		CO	M	63.22	3	14.20	N
F6		CO	M	89.58	3	23.08	N
G6		CO	M	60.55	3	14.07	N
H6		CO	M	63.99	3	14.16	N

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	138	CO	M	75.71	3	18.07	N
B7		CO	M	66.13	3	15.57	N
C7		CO	M	87.74	3	21.78	N
D7		CO	M	82.79	3	18.94	N
E7	141	CO	M	63.92	2	12.76	N
F7	141	CO	M	64.77	2	13.64	N
G7	141	CO	M	59.66	2	14.15	N
H7	141	CO	M	56.10	2	11.75	N
A8	141	CO	M	61.91	2	14.70	N
B8	141	CO	M	69.78	2	16.70	N
C8	141	CO	M	53.78	2	11.95	N
D8	141	CO	F	31.30	2	000	N
E8	141	CO	M	58.44	2	12.11	N
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8	141	CO	F	40.15	2	000	N
H8	141	CO	M	52.90	2	11.57	N
A9	141	CO	M	67.84	2	15.28	N
B9	141	CO	F	27.98	2	000	N
C9	141	CO	M	46.26	2	9.11	N
D9	141	CO	M	87.77	2	21.15	N
E9	141	CO	M	81.26	2	14.69	N
F9	141	CO	M	67.19	2	15.64	N
G9	148	CO	M	67.37	2	11.81	N
H9	148	CO	M	51.07	2	8.67	N
A10	148	CO	M	65.30	2	12.08	N
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10	148	CO	M	47.87	2	7.66	N
D10	148	CO	M	67.36	2	17.36	N
E10	148	CO	M	62.47	2	11.02	N
F10	148	CO	F	48.65	2	000	N
G10	148	CO	M	57.01	2	8.94	N
H10	148	CO	F	49.06	2	000	N
A11	148	CO	M	48.29	2	8.46	N
B11	148	CO	F	46.78	2	000	N
C11	148	CO	M	73.49	2	17.78	N
D11	148	CO	F	57.10	2	000	N
E11	148	CO	F	45.76	2	000	N
F11	148	CO	M	50.98	2	8.41	N
G11	148	CO	M	48.64	2	8.11	N
H11	148	CO	M	57.65	2	9.65	N
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12	148	CO	M	71.84	2	17.19	N
C12	148	CO	M	65.22	2	11.40	N
D12	148	CO	M	56.68	2	9.98	N
E12	147	CO	M	47.73	2	7.94	N
F12	147	CO	M	58.75	2	10.31	N
G12	147	CO	F	43.51	2	000	N
H12	147	CO	M	53.43	2	8.13	N

Column 1
Column 2
Column 3
Column 4
Column 5
Column 6

Column 7
Column 8
Column 9
Column 10
Column 11
Column 12

NOTES: Non-random? Mistakes? Anything Unusual? (Please write **WELL Number** in front of comment)

E4, F4, G4: oops- we were making up extras and overshot by 3 samples. Hope you can use them anyways.

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a **positive King Crab**, *Telmessus* or *Erimacrus* please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width (mm, tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Cheja Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	BCS+: P = Visually Positive N = Visually Negative
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 74

Vessel: V14

Keys & Comments on back

Collected By: _____

Leg: _____



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	213	Co	M	46.85	2	904	
B1			F	44.06	2	000	
C1			F	47.77	2	000	
D1			M	61.77	2	1203	
E1			M	58.21	2	1034	
F1		5569	F	55.69	2	000	+
G1			F	49.41	2	000	
H1			F	46.40	2	000	
A2			F	46.77	2	000	
B2			M	73.25	2	13.17	
C2			F	48.46	2	000	
D2			M	55.44	2	9.65	
E2			F	50.17	2	000	
F2			M	71.54	2	17.70	
G2			M	54.26	2	9.02	
H2			M	49.72	2	8.72	
A3			M	59.71	2	10.24	
B3			F	46.61	2	000	
C3	213	Co	F	48.53	2	000	
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3	214	Co	M	57.85	2	9.16	
F3			F	44.04	2	000	
G3			F	44.81	2	000	
H3			F	53.82	2	000	
A4			M	50.42	2	9.17	
B4			M	48.76	2	7.57	
C4			M	41.66	2	6.28	
D4			M	54.82	2	9.58	
E4			M	51.98	2	8.40	
F4			F	45.58	2	000	
G4			F	47.85	2	000	
H4			F	43.05	2	000	
A5			F	47.01	2	000	
B5			F	45.70	2	000	
C5			M	76.79	2	18.39	
D5			M	41.43	2	5.84	
E5			F	57.84	2	000	
F5			F	52.79	2	000	
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			M	68.91	2	17.74	+
A6	214	Co	F	45.73	2	000	
B6							
C6							
D6							
E6							
F6							
G6							
H6							

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7							
B7							
C7							
D7							
E7							
F7							
G7							
H7							
A8							
B8							
C8							
D8							
E8							
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8							
H8							
A9							
B9							
C9							
D9							
E9							
F9							
G9							
H9							
A10							
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10							
D10							
E10							
F10							
G10							
H10							
A11							
B11							
C11							
D11							
E11							
F11							
G11							
H11							
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12							
C12							
D12							
E12							
F12							
G12							
H12							

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write **WELL Number** in front of comment)

H3 - 0.1 ml

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

<p>Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"</p>	<p>Sex: 1 = Male 2 = Female 3 = Unknown</p>	<p>Size: Carapace Width (mm, tenths)</p>	<p>Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard</p>	<p>Bio (Biometrics): MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)</p>	<p>BCS+: P = Visually Positive N = Visually Negative</p>
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 75
 Collected By: WCL

Vessel: Vesteraalen 94
 Leg: 03

Keys & Comments on back 

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	183	Co	M	66.68	2	15.86	
B1	183		F	41.62		000	
C1	183		M	37.69		6.04	
D1	183		M	56.67		11.90	
E1	183		M	47.76		8.18	
F1	183	Co	F	42.37		000	
G1	197	Co	F	39.61		000	
H1			F	43.38		000	
A2			F	40.46		000	
B2	197		F	41.93		000	
C2	198		F	45.05		000	
D2			M	43.93		5.03	+
E2			M	61.71		7.88	
F2			M	32.23		4.07	+
G2			F	46.54		000	
H2			M	24.26		1.52	
A3			M	46.16		5.16	
B3			M	37.99		4.75	+
C3			F	43.37		000	
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3			M	49.98		5.96	
F3			F	44.93		000	
G3			M	73.59		8.79	
H3			F	45.60		000	
A4			M	45.57		5.24	
B4	198		F	46.04		000	
C4	199		M	98.61		18.06	
D4			M	91.54		17.32	
E4			M	95.83		18.12	
F4			M	99.33		18.12	
G4			M	97.49		18.28	
H4			M	98.98		16.08	
A5			M	89.01		14.46	
B5			M	86.63		13.77	
C5			M	96.72		18.72	
D5			M	87.76		17.20	
E5			M	90.20		15.22	
F5			M	92.68		16.81	
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			M	41.69		4.67	
A6			F	61.87		000	
B6			F	42.84		000	
C6			M	47.51		16.78	
D6			F	29.99		000	
E6	199	Co	M	42.00		4.73	
F6	201	Co	M	97.25	2	13.91	
G6			M	28.14	L	3.43	
H6			F	29.46	2	000	

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	200	Co	M	95.52	2	17.86	
B7			M	29.89	2	3.19	+
C7			M	26.11	2	3.29	
D7	211	Co	M	85.96	2	22.84	
E7			M	86.73	2	21.18	
F7			M	71.60	2	16.05	
G7			M	70.59	2	14.55	
H7			M	80.83	2	20.19	
A8	199	Co	M	94.00	2	16.42	
B8	211	Co	M	83.13	2	15.10	
C8			M	87.29	2	20.47	
D8			M	78.64	2	18.64	
E8			M	85.10	2	16.11	
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8			M	75.63	2	14.58	
H8			M	79.26	2	13.89	
A9			M	79.50	2	20.98	
B9			M	78.40	2	14.79	
C9			M	82.60	2	21.06	
D9			M	81.44	2	18.36	
E9			M	86.66	2	16.25	
F9			M	83.70	2	16.14	
G9			M	85.74	2	19.00	
H9			M	86.85	2	21.84	
A10		Co	M	85.63	2	16.23	
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10	211	Co	M	61.39	2	14.33	
D10			M	76.56	2	14.28	
E10			M	53.44	2	9.96	
F10			M	69.97	2	12.46	
G10			M	78.20	2	18.48	
H10			M	64.84	2	12.16	
A11			M	73.01	2	16.54	
B11			M	53.84	2	9.27	
C11			M	58.98	2	10.04	
D11			M	75.39	2	16.84	
E11			M	65.55	2	11.74	
F11			M	51.31	2	8.43	
G11			M	61.83	2	11.14	
H11			M	65.47	2	12.14	
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12			M	65.53	2	12.51	
C12			M	59.13	2	10.10	
D12			M	54.58	2	8.60	
E12			M	53.47	2	9.13	
F12			M	54.31	2	9.79	
G12	212	Co	M	77.79	2	17.96	
H12	213	Co	M	49.34	2	9.10	

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write **WELL Number** in front of comment)

H2 0.1 ml

H8 0.1 ml

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width (mm, tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Cheja Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	BCS+: P = Visually Positive N = Visually Negative
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 80

Vessel: 162

Collected By: TJ / JW

Leg: 2

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	114	CB	F	45.94	2	000	-
B1			F	49.70	2	000	-
C1			M	34.81	2	4.91	-
D1			F	42.82	2	000	-
E1			F	33.12	2	000	-
F1			F	51.37	2	000	-
G1			M	26.64	2	13.12	-
H1			M	48.30	2	6.71	-
A2			M	39.08	2	5.39	-
B2			F	59.19	2	000	-
C2			F	54.62	2	000	-
D2			M	53.44	2	6.77	-
E2			M	47.76	2	5.71	-
F2		CB	M	55.39	2	6.55	-
G2	115	CB	M	72.68	2	9.22	-
H2	115		M	64.87	2	7.99	-
A3			M	59.06	2	7.17	-
B3			F	72.93	2	000	-
C3			F	64.02	2	000	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3			M	64.99	2	11.09	-
F3			M	88.95	2	11.12	-
G3			F	72.04	2	000	-
H3			F	71.85	2	000	-
A4			F	72.44	2	000	-
B4			M	59.38	2	7.06	-
C4			M	56.03	2	8.45	-
D4			F	78.63	2	000	-
E4			M	80.66	2	9.48	-
F4			F	63.73	2	000	-
G4			F	61.78	2	000	-
H4			F	76.18	2	000	-
A5			M	101.77	3	20.12	-
B5			F	77.51	2	000	-
C5	115	CB	F	73.14	2	000	-
D5	116	CB	M	101.78	2	18.86	-
E5			M	93.17	3	16.40	-
F5			M	101.41	3	20.67	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			F	68.09	2	000	-
A6			M	101.41	3	19.04	-
B6			M	97.45	2	17.55	-
C6			M	70.12	2	8.71	-
D6			M	101.33	3	17.36	-
E6			F	77.90	2	000	-
F6			F	72.03	2	000	-
G6	117	CB	M	72.22	3	14.78	-
H6	117	CB	M	27.73	2	3.49	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	117	CB	M	26.54	2	3.10	-
B7	117	CB	F	25.56	2	000	-
C7	118	CB	M	91.57	3	16.09	-
D7	118	CB	M	94.64	3	17.38	-
E7	118	CB	M	91.92	3	15.52	-
F7	118	CB	M	86.29	2	4.47	-
G7	118	CB	M	93.32	2	17.74	-
H7	119	CB	M	26.94	2	2.84	-
A8	1	CB	F	92.04	3	18.05	-
B8	1	CB	F	24.52	2	000	-
C8	127	CB	M	96.12	2	17.62	-
D8	127	CB	M	21.87	2	3.58	-
E8	127	CB	M	87.77	2	53.48	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8	127	CB	M	91.46	3	18	-
H8	127	CB	M	96.56	2	18.25	-
A9	127	CB	M	34.28	2	4.45	-
B9	127	CB	M	30.86	2	3.76	-
C9	127	CB	M	69.56	2	9.49	-
D9	127	CB	M	70.05	2	8.97	-
E9	127	CB	M	98.25	3	17.49	-
F9	127	CB	M	68.75	2	9.05	-
G9	127	CB	M	78	2	10.13	-
H9	127	CB	M	32.71	2	4.83	-
A10	127	CB	M	95.57	3	17.46	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10	127	CB	F	64.23	2	10.1	-
D10	127	CB	M	94.96	2	14.01	-
E10	127	CB	M	45.97	1	5.09	-
F10	127	CB	F	63.88	2	000	-
G10	127	CB	M	29.62	2	3.65	-
H10	127	CB	F	32.79	2	000	-
A11	127	CB	M	32.74	2	4.16	-
B11	127	CB	F	32.32	2	000	-
C11	127	CB	M	97.62	3	12.97	-
D11	127	CB	M	30.86	2	3.67	-
E11	127	CB	M	28.25	2	3.68	-
F11	127	CB	F	85.25	2	000	-
G11	127	CB	F	30.65	2	000	-
H11	127	CB	F	32.81	2	000	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12	127	CB	F	31.91	2	000	-
C12	127	CB	F	29.13	2	000	-
D12	128	CB	M	90.72	3	14.66	-
E12	128	CB	M	60.13	3	16.73	-
F12	128	CB	F	58.17	2	000	-
G12	128	CB	M	41.25	2	3.89	-
H12	128	CB	F	43.84	2	000	-

2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 2018-81

Vessel: Alaska Knight 2018-D1

Keys & Comments on back

Collected By: PCJ/AR

Leg: 1/2



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	25	CB	M	43.87	2	NA	-
B1	25	CB	M	109.11	3	2354	-
C1	29	CB	M	95.99	3	17.29	-
D1	25	CB	M	109.57	3	22.20	-
E1	25	CB	M	104.04	3	20.76	-
F1	31	CB	M	37.33	2	4.21	-
G1			F	38.88	2	000	-
H1			M	33.18	1	4.33	-
A2			M	29.34		3.35	-
B2			F	43.23		000	-
C2			F	30.71		000	-
D2			F	31.14		000	-
E2			F	31.23		000	-
F2			M	45.44		5.60	-
G2			F	39.79		000	-
H2			F	30.17		000	-
A3			F	32.33		000	-
B3			F	24.46		000	-
C3			M	27.69		3.60	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3			M	29.69		3.67	-
F3			F	31.11		000	-
G3			M	23.18		2.74	-
H3			F	31.47		000	-
A4			F	31.10		000	-
B4			M	31.33		3.74	-
C4			M	28.77		3.46	-
D4			F	29.87		000	-
E4			F	32.22		000	-
F4			F	28.14		000	-
G4			F	26.67		000	-
H4			F	28.05		000	-
A5	31	CB	F	28.62	2	000	-
B5	33	CB	M	45.67	2	5.90	-
C5			F	54.31		000	-
D5			F	44.13		000	-
E5			F	44.07		000	-
F5			F	50.23		000	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			M	42.50	2	5.41	-
A6			M	103.74	3	22.47	-
B6			M	113.18	3	24.47	-
C6			M	102.99	3	21.33	-
D6			M	105.02	2	14.49	-
E6	33	CB	M	96.91	3	14.91	-
F6	109	CB	F	39.84	2	000	P
G6	110	CB	F	35.55	2	000	P
H6	111	CB	F	42.29	2	000	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	111	CB	F	33.24	2	000	-
B7	111	CB	F	33.16	2	000	-
C7	111	CB	F	30.85	2	000	-
D7	111	CB	F	31.55	2	000	-
E7	111	CB	F	34.45	2	000	-
F7	111	CB	F	32.08	2	000	P
G7	111	CB	F	30.82	2	000	-
H7	111	CB	M	41.99	2	4.80	-
A8	111	CB	M	33.25	2	3.99	-
B8	111	CB	F	33.50	2	000	-
C8	111	CB	M	32.69	2	3.93	-
D8	111	CB	M	37.32	2	4.17	-
E8	111	CB	M	31.47	2	3.89	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8	111	CB	F	41.96	2	000	-
H8	111	CB	F	41.12	2	000	-
A9	111	CB	M	38.53	2	4.48	-
B9	111	CB	F	33.82	2	000	-
C9	111	CB	M	45.89	2	4.46	-
D9	111	CB	F	37.69	2	000	-
E9	113	CB	F	71.72	2	000	-
F9	113	CB	F	43.16	2	000	-
G9	113	CB	F	56.97	2	000	-
H9	113	CB	F	39.75	2	000	-
A10	113	CB	F	68.46	2	000	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10	113	CB	F	70.30	2	000	-
D10	113	CB	F	73.93	2	000	-
E10	113	CB	F	58.48	1	000	-
F10	113	CB	M	81.61	2	15.61	-
G10	113	CB	M	90.29	2	14.92	-
H10	113	CB	M	75.05	2	10.36	-
A11	113	CB	M	86.15	3	14.97	-
B11	113	CB	M	88.25	3	17.44	-
C11	113	CB	M	91.07	3	15.25	-
D11	113	CB	M	67.76	2	8.64	-
E11	113	CB	M	89.41	2	17.97	-
F11	113	CB	M	93.08	3	16.61	-
G11	113	CB	M	75.22	2	9.49	-
H11	113	CB	M	92.05	2	16.50	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12	114	CB	M	58.95	2	12.09	-
C12	114	CB	M	42.05	2	5.26	-
D12	114	CB	M	44.38	2	5.43	-
E12	114	CB	M	69.28	2	7.80	-
F12	114	CB	F	35.73	2	000	-
G12	114	CB	M	68.91	2	7.76	-
H12	114	CB	M	44.40	2	5.57	-

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

Leg 2
Incidentally put controls back here.

NOTES; Non-random? Mistakes? Anything Unusual? (Please write WELL Number in front of comment)

A2 - measured life claw

• 1 ml blood: B3 G3 C4 F4-DISCOLORED AS 0.1 ml + DISCOLORED

• F6 & G6 → Discard. Confusion on control blood collections in Tyler put .2 ml BCS + blood from a non-sample station in the normal collection plate.

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

<p>Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"</p>	<p>Sex: 1 = Male 2 = Female 3 = Unknown</p>	<p>Size: Carapace Width (mm, tenths)</p>	<p>Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard</p>	<p>Bio (Biometrics): MALE: Cheja Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)</p>	<p>BCS+: P = Visually Positive N = Visually Negative</p>
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 82

Vessel: 162

Keys & Comments on back

Collected By: JLN / TS

Leg: 2



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	128	CB	F	35.22	2	000	-
B1	128	CB	M	39.32	2	4.18	-
C1	128	CB	F	31.40	2	000	-
D1	128	CB	M	34.54	2	3.27	-
E1	128	CB	M	38.06	2	11.12	-
F1	128	CB	F	34.58	2	000	-
G1	134	CO	F	62.04	2	001	+
H1	134	CO	M	59.02	3	12.50	-
A2	134	CO	M	52.99	2	13.29	-
B2	134	CO	M	77.11	2	11.25	-
C2	134	CO	M	59.6	2	11.25	-
D2	134	CO	M	69.85	2	16.25	-
E2	134	CO	M	64.08	2	14.34	-
F2	134	CO	M	68.40	4	14.74	-
G2	134	CO	M	64.77	2	13.61	-
H2	134	CO	M	81.09	3	17.02	-
A3	134	CO	M	53.24	2	10.86	-
B3	134	CO	M	72.97	3	18.09	-
C3	134	CO	M	66.09	2	15.29	+
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3	134	CO	M	77.43	3	16.62	-
F3	134	CO	M	63.57	2	14.13	-
G3	134	CO	M	65.74	3	15.93	-
H3	134	CO	M	75.80	2	18.32	-
A4	134	CO	M	56.65	3	12.30	-
B4	134	CO	M	60.46	3	12.76	-
C4	134	CO	M	58.22	3	13.69	-
D4	134	CO	M	64.78	2	13.68	+
E4	139	CO	M	62.33	2	11.09	-
F4		CO	F	48.93	2	000	-
G4		CO	F	56.44	2	000	-
H4		CO	M	50.63	2	10.47	-
A5		CO	F	53.94	2	000	-
B5		CO	F	57.75	2	000	-
C5		CO	M	57.15	2	9.80	-
D5		CO	F	54.89	2	000	-
E5		CO	M	69.63	2	14.52	-
F5		CO	M	53.96	2	9.07	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5	139	CO	M	68.70	2	13.30	-
A6		CO	F	59.73	2	000	-
B6		CO	F	50.59	2	000	-
C6		CO	M	67.13	2	12.10	-
D6		CO	F	53.87	2	000	-
E6		CO	F	51.56	2	000	-
F6		CO	M	62.23	2	11.46	-
G6		CO	F	55.64	2	000	-
H6		CO	M	49.43	2	10.17	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	139	CO	F	57.16	2	000	-
B7	140	CO	M	76.71	2	18.43	-
C7	140	CO	M	53.05	2	8.95	-
D7	140	CO	M	76.56	2	19.32	-
E7	140	CO	M	76.59	3	17.79	-
F7	140	CO	M	53.85	2	8.97	-
G7	140	CO	M	62.23	2	11.55	-
H7	140	CO	M	52.40	2	7.92	-
A8	140	CO	M	58.66	2	9.94	-
B8	140	CO	M	65.41	2	11.23	-
C8	140	CO	M	66.78	2	16.95	-
D8	140	CO	M	62.83	2	11.67	-
E8	140	CO	M	56.26	2	12.31	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8	140	CO	M	54.72	2	9.05	-
H8	140	CO	M	48.94	2	7.37	-
A9	140	CO	M	64.8	2	11.34	-
B9	140	CO	M	63.74	2	13.58	-
C9	140	CO	M	54.96	2	-	-
D9	140	CO	M	80.24	2	16.01	-
E9	140	CO	M	52.05	3	11.60	-
F9	140	CO	M	70.58	2	18.66	-
G9	140	CO	M	65.83	2	10.74	-
H9	140	CO	M	60.71	2	9.18	-
A10	140	CO	M	62.42	2	12.18	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10	142	CO	M	60.00	2	8.97	-
D10	142	CO	M	65.64	2	9.86	-
E10	142	CO	M	59.67	2	8.99	-
F10	142	CO	M	57.46	2	10.89	-
G10	142	CO	M	56.27	2	8.28	-
H10	142	CO	M	55.26	2	10.51	-
A11	142	CO	M	63.68	2	9.48	-
B11	142	CO	M	66.26	2	10.04	-
C11	142	CO	M	57.67	2	9.09	-
D11	142	CO	M	59.45	2	7.61	+
E11	142	CO	M	56.42	2	8.23	-
F11	142	CO	M	53.03	2	8.46	-
G11	142	CO	M	53.62	2	9.78	-
H11	142	CO	M	57.02	2	9.70	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12	142	CO	M	59.23	2	11.87	-
C12	142	CO	M	58.10	2	10.02	-
D12	142	CO	M	70.67	2	13.30	-
E12	142	CO	M	52.66	2	8.97	-
F12	142	CO	M	54.43	2	10.11	-
G12	142	CO	M	51.39	2	7.68	-
H12	162	CB	F	43.23	2	000	-

Poked thru at 10:15 AM

2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 83
 Collected By: Erin + Vanessa

Vessel: 162
 Leg: 3

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	162	C.b.	F	25.94	2	000	-
B1			F	47.07	2	000	-
C1			F	31.41	2	000	-
D1			F	24.88	2	000	-
E1			M	33.42	2	3.90	-
F1			F	23.91	2	000	+
G1			M	43.74	2	5.19	-
H1			F	49.26	2	000	-
A2			F	46.94	2	000	-
B2			M	25.97	2	3.24	-
C2			F	32.73	2	000	-
D2			F	22.91	2	000	+
E2			F	41.85	2	000	+
F2			F	31.75	2	000	-
G2			M	24.40	2	3.20	-
H2			F	24.40	2	000	-
A3			F	25.46	2	000	-
B3			F	33.78	2	000	-
C3			M	26.78	2		-
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3	163	C.b.	F	38.76	2	000	-
F3			M	55.41	2	6.25	-
G3			F	44.01	2	000	-
H3			F	45.79	2	000	-
A4			M	46.68	2	5.74	-
B4			M	45.74	2	5.38	-
C4			F	44.10	2	000	-
D4			M	43.61	2	5.85	-
E4			F	44.68	2	000	-
F4			M	46.69	2	5.68	-
G4			M	46.92	2	5.66	-
H4			F	45.66	2	000	-
A5			F	40.97	2	000	-
B5			M	41.69	2	4.92	-
C5			M	42.79	2	5.09	-
D5			M	43.29	2	5.27	-
E5			M	41.90	2	5.48	-
F5			M	38.92	2	4.78	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			F	46.23	2	000	-
A6			M	44.02	2	5.34	-
B6	163	C.b.	F	44.38	2	000	-
C6			F	43.70	2	000	-
D6			F	44.27	2	000	-
E6			F	49.06	2	000	-
F6			F	42.96	2	000	-
G6			M	64.93	2	8.08	-
H6			F	40.70	2	000	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	163	C.b.	F	37.80	2	000	-
B7			F	46.33	2	000	-
C7			M	45.41	2	5.42	-
D7			F	44.70	2	000	-
E7			F	45.22	2	000	-
F7			F	44.85	2	000	-
G7			M	46.02	2	5.72	-
H7			F	44.42	2	000	-
A8			M	40.77	2	4.97	-
B8			F	45.22	2	000	-
C8			F	53.19	2	000	-
D8			M	41.23	2	4.60	-
E8			F	46.49	2	000	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8			M	44.54	2	5.03	-
H8			F	50.23	2	000	-
A9	163	C.b.	F	39.60	1	000	-
B9	178	C.b.	M	57.71	2	6.98	-
C9			F	46.74	2	000	-
D9			M	64.22	2	8.38	+
E9			F	43.37	2	000	-
F9			F	46.92	2	000	-
G9			F	47.11	2	000	-
H9			M	50.19	2	6.07	-
A10			M	61.31	2	7.75	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10			F	48.28	2	000	-
D10			F	50.81	2	000	-
E10			M	40.12	2	Chela	-
F10			M	50.46	2	6.37	-
G10			F	46.41	2	000	-
H10			F	48.62	2	000	-
A11	163	C.b.	M	38.42	2	5.02	-
B11			F	44.00	2	000	-
C11			F	43.45	2	000	-
D11			F	47.51	2	000	-
E11			M	41.85	2	4.87	-
F11			F	45.76	2	000	-
G11	179	C.b.	M	46.49	2	5.56	-
H11	163	C.b.	M	42.91	2	5.82	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12			F	44.26	2	000	-
C12			F	43.41	2	000	-
D12			M	42.73	2	5.26	-
E12			F	41.73	2	000	-
F12			F	41.33	2	000	-
G12			F	43.90	2	000	-
H12			M	44.67	2	5.44	-

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write WELL Number in front of comment)

Well A1 - .1

A2 4.2

Wells B6-H8 are to make up for <20 crabs at several other stations - crabs held for 4 days prior to draws, mixed with some visually positive crab in basket, dead crabs removed daily

A9 - Non Random sample, crab molted in basket, took sample because we rarely get intact Sttcol crab. Not visually positive

A11 - F11 from haul 163 to make up for haul 178

H11 - F12 to make up for haul 179

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

<p>Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"</p>	<p>Sex: 1 = Male 2 = Female 3 = Unknown</p>	<p>Size: Carapace Width (mm, tenths)</p>	<p>Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard</p>	<p>Bio (Biometrics): MALE: Cheja Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)</p>	<p>BCS+: P = Visually Positive N = Visually Negative</p>
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 84

Vessel: 162

Collected By: Ernst Vanessa

Leg: 3

Keys & Comments on back



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	163	C.b.	F	43.89	2	000	-
B1			F	47.89	2	000	-
C1			M	42.33	2	4.88	-
D1			M	45.72	2	5.27	-
E1			M	41.20	2	4.35	-
F1			F	44.72	2	000	-
G1			F	43.94	2	000	-
H1			M	40.20	2	4.06	-
A2			M	40.69	2	4.54	-
B2			F	41.16	2	000	-
C2			F	36.65	2	000	-
D2	163	C.b.	M	42.26	2	4.90	-
E2			M	45.95	2	5.37	-
F2			M	41.20	2	4.64	-
G2			F	46.80	2	000	-
H2			M	43.67	2	4.72	-
A3			F	45.03	2	000	-
B3			M	40.27	2	4.49	-
C3			M	46.07	2	5.66	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3			F	42.13	2	000	-
F3			M	36.98	2	4.11	-
G3			F	42.16	2	000	-
H3			M	43.40	2	5.09	-
A4			F	43.75	2	000	-
B4			F	44.66	2	000	-
C4			M	45.30	2	4.94	-
D4			F	43.05	2	000	-
E4			F	39.60	2	000	-
F4			M	37.84	2	4.15	-
G4			M	42.49	2	4.82	-
H4			M	40.00	2	4.71	-
A5			F	42.50	2	000	-
B5			M	41.85	2	4.87	-
C5			F	42.60	2	000	-
D5			M	44.43	2	5.12	-
E5			F	47.73	2	000	-
F5			M	40.34	2	4.87	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			F	48.72	2	000	-
A6			M	46.37	2	5.42	-
B6			F	43.41	2	000	-
C6			M	40.11	2	4.13	-
D6			M	40.13	2	4.36	-
E6			M	40.68	2	4.61	-
F6			M	40.86	2	4.56	-
G6			M	43.20	2	5.32	-
H6			F	43.98			-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	163	C.b.	M	32.53	2	3.51	+
B7			M	34.84	2	3.89	+
C7			M	36.34	2	3.15	-
D7			F	42.46	2	000	-
E7			M	41.52	2	4.87	-
F7			M	35.20	2	3.93	-
G7			M	36.00	2	4.13	-
H7			M	44.91	2	4.93	-
A8			M	41.87	2	4.72	-
B8			F	33.85	2	000	-
C8			F	44.48	2	000	-
D8			M	42.56	2	4.49	-
E8			F	44.27	2	000	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8			M	43.45	2	4.57	-
H8			M	41.61	2	4.27	-
A9			M	42.50	2	4.86	-
B9			F	35.69	2	000	-
C9			M	41.83	2	5.01	-
D9	187	C.O.	M	33.30	2	5.01	-
E9			F	44.51	2	000	-
F9			F	32.58	2	000	-
G9			F	33.73	2	000	-
H9			F	30.47	2	000	-
A10	188	C.O.	M	63.47	2	10.60	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10			M	78.54	2	18.40	-
D10			M	87.38	2	21.70	-
E10			M	71.60	2	18.43	-
F10			M	73.40	2	17.37	-
G10			M	75.15	2	18.96	-
H10			M	65.02	2	12.41	-
A11			M	74.00	2	17.90	-
B11			M	82.98	2	20.28	-
C11			F	59.23	2	000	+
D11			M	61.14	2	10.95	-
E11			M	68.16	2	13.00	-
F11			M	69.76	2	16.15	-
G11			F	55.86	2	000	-
H11			M	76.32	2	13.16	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12			F	60.00	2	000	-
C12			M	68.56	2	11.90	-
D12			M	70.00	2	13.12	-
E12			M	68.86	2	12.26	-
F12			M	80.04	2	15.30	-
G12			M	69.00	2	12.80	+
H12			M	76.28	2	17.62	-

15 shot

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write **WELL Number** in front of comment)

A1-C2 to make up for haul 179

O2-C9 to make up for VesterAllen shortage

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio " or "bairdi"	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width (mm, tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Cheja Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	BCS+: P = Visually Positive N = Visually Negative
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2018 EBS *Chionoecetes* Index Site Hemolymph Collections - Pathobiology

Plate Number: 85

Vessel: 162

Keys & Comments on back

Collected By: Erint Vanessa

Leg: 3



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	188	C.O.	M	66.72	2	14.30	-
B1			M	67.26	2	11.91	-
C1	↓	↓	M	74.92	2	17.36	-
D1	189	C.O.	F	52.29	2	000	-
E1			F	54.78	2	000	-
F1			M	70.54	2	12.69	-
G1			F	52.14	2	000	-
H1			F	58.01	2	000	-
A2			M	73.15	2	6.58	-
B2			M	61.21	2	14.12	-
C2			F	59.03	2	000	-
D2			M	60.74	2	9.69	-
E2			M	63.58	2	11.03	-
F2			M	68.35	2	11.88	-
G2			F	53.14	2	000	-
H2			F	50.51	2	000	-
A3			F	53.29	2	000	-
B3			F	54.14	2	000	-
C3			F	51.92	2	000	-
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3			M	64.14	2	11.67	-
F3			F	51.47	2	000	-
G3			F	56.61	2	000	-
H3			F	52.82	2	000	-
A4			F	55.90	2	000	-
B4			F	45.40	2	000	-
C4			F	51.42	2	000	-
D4			F	54.75	2	000	-
E4			M	57.23	2	9.12	-
F4	190	C.O.	F	52.51		000	-
G4			F	58.45		000	-
H4			F	56.12		000	-
A5			M	69.80		13.28	-
B5			M	80.34		14.25	-
C5			F	53.60		000	-
D5			M	61.17		9.95	+
E5			F	61.07		000	-
F5			M	58.32		9.94	-
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5			F	59.55		000	-
A6			M	57.11		13.06	-
B6			F	55.66		000	-
C6			F	51.25		000	-
D6			F	53.13		000	-
E6			F	61.45		000	-
F6			M	70.91		10.31	-
G6			M	68.41		12.45	-
H6			F	54.40		000	-

Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7	190	C.O.	F	56.66	2	000	-
B7			F	59.17		000	-
C7			M	69.73		12.47	-
D7			F	58.45		000	-
E7			F	57.75		000	-
F7			F	50.16		000	+
G7			F	58.40		000	-
H7	191	C.O.	F	54.57	2	000	-
A8			F	59.08		000	-
B8			M	68.50		12.43	-
C8			M	69.42		13.00	-
D8			F	51.98		000	-
E8			F	53.67		000	-
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8			M	62.05		11.79	-
H8			M	55.94		9.83	-
A9			F	54.91		000	-
B9			F	52.03		000	-
C9			M	52.51		8.04	-
D9			F	55.43		000	-
E9			F	54.13		000	-
F9			M	66.07		11.75	-
G9			F	48.49		000	-
H9			F	46.00		000	-
A10			M	48.18		8.44	-
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10			M	54.08		9.20	-
D10			F	44.77		000	-
E10			F	47.72		000	-
F10	195	C.O.	M	59.96	2	9.88	-
G10			F	46.52		000	-
H10			F	45.26		000	-
A11			M	41.53		6.67	-
B11			F	45.61		000	-
C11			M	47.90		7.69	-
D11			F	45.05		000	-
E11			F	45.90		000	-
F11			F	52.63		000	-
G11			F	42.94		000	-
H11			M	58.69		9.91	-
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12			M	40.72		6.19	-
C12			F	46.89		000	-
D12			F	45.94		000	-
E12			M	41.22		6.33	-
F12			F	46.78		5.86	-
G12			M	36.52		5.57	-
H12			M	50.24		7.80	-

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write **WELL Number** in front of comment)

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio " or "bairdi"	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width (mm, tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Cheja Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	BCS+: P = Visually Positive N = Visually Negative
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2018 EBS Chionoecetes Index Site Hemolymph Collections - Pathobiology

Plate Number: 86

Vessel: 162

Keys & Comments on back

Collected By: Enn + Vanessa / Pam

Leg: 314



Well:	Haul #	Spp	Sex	Size	Shell	Bio	BCS		
A1	195	C.O.	M	45.05	2	6.87	-		
B1	1	1	F	42.48	2	000	-		
C1	219	C.O.	F	36.61	2	000	+		
D1				40.22			-		
E1				35.59			+	*	
F1				38.05			+		
G1				35.33			+		
H1				40.00			-		
A2				36.63			+		
B2				33.21			+		
C2				32.69			+		
D2				35.36			-		
E2				41.24			-		
F2				44.65			+		
G2				39.52			+		
H2				37.16			+		
A3				40.33			+		
B3				40.99			-		
C3				35.84			+		
D3	DO NOT TAKE SAMPLE - CONTROL WELL								
E3				42.22			-		
F3				39.11			+		
G3				39.28			+		
H3				41.95			+		
A4				37.44			+		
B4				38.00			+		
C4				28.50			+		
D4				38.46			+		
E4				41.58			-		
F4				35.32			+	*	
G4				33.87			+	*	
H4				42.29			+		
A5				34.25			+	*	
B5				37.33			+	*	
C5				35.55			+		
D5				39.44			+		
E5				41.62			-		
F5				37.95			+		
G5	DO NOT TAKE SAMPLE - CONTROL WELL								
H5				38.94			-		
A6				32.91			-		
B6				40.04			+		
C6				39.09			+		
D6				35.74			-		
E6				32.29			-		
F6				44.12			+		
G6				33.27			+	*	
H6				42.49			-		
A7	219	C.O.	F	40.30	2	000	+	*	
B7				44.57			-		
C7				37.11			-		
D7				28.34			-		
E7				36.98			+		
F7				36.32			+		
G7				37.40			-		
H7				37.11			-		
A8				33.30			+		
B8				40.72			-		
C8				34.65			-		
D8				34.57			-		
E8				32.68			+		
F8	DO NOT TAKE SAMPLE - CONTROL WELL								
G8				37.59			-	*	
H8	222	C.O.	F	39.60	2	000	-		
A9				43.74			-		
B9				42.49			-		
C9				39.36			-		
D9				40.27			-		
E9				39.26			-		
F9				40.73			-		
G9				46.79			-		
H9				42.31			-		
A10				43.86			-		
B10	DO NOT TAKE SAMPLE - CONTROL WELL								
C10				43.61			-		
D10				47.77			-		
E10				44.58			-		
F10				42.30			-		
G10				41.93			-		
H10				43.60			-		
A11				47.71			-		
B11				40.14			-		
C11				41.92			-		
D11				42.75			-		
E11				39.83			-		
F11				38.48			-		
G11				41.13			-		
H11				41.59			-		
A12	DO NOT TAKE SAMPLE - CONTROL WELL								
B12				39.28			-		
C12				43.16			-		
D12				39.97			-		
E12				40.57			-		
F12				39.89			-		
G12				36.86			-		
H12				42.49			-		

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write **WELL Number** in front of comment)

E1 - .1

F4 - .1

G4 - .1

A5 - .1

B5 - .1

G6 - .1

A7 - .1

G8 - .1

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a positive King Crab, Telmessus or Erimacrus please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"	Sex: 1 = Male 2 = Female 3 = Unknown	Size: Carapace Width (mm, tenths)	Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard	Bio (Biometrics): MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)	BCS+: P = Visually Positive N = Visually Negative
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2018 EBS *Chionoecetes* Index Site Hemolymph Collections - Pathobiology

Plate Number: 87

Vessel: 162

Collected By: Erin + Pam

Leg: 4

Keys & Comments on back



Well: Haul # Spp Sex Size Shell Bio BCS

Well: Haul # Spp Sex Size Shell Bio BCS

Well	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A1	222	C.O.	F	44.05	2	000	-
B1				37.71			-
C1				38.91			-
D1				34.09			-
E1				35.88			-
F1				36.83			-
G1				39.18			-
H1				39.70			-
A2				38.64			-
B2				38.59			-
C2				43.86			-
D2							
E2							
F2							
G2							
H2							
A3							
B3							
C3							
D3	DO NOT TAKE SAMPLE - CONTROL WELL						
E3							
F3							
G3							
H3							
A4							
B4							
C4							
D4							
E4							
F4							
G4							
H4							
A5							
B5							
C5							
D5							
E5							
F5							
G5	DO NOT TAKE SAMPLE - CONTROL WELL						
H5							
A6							
B6							
C6							
D6							
E6							
F6							
G6							
H6							

Well	Haul #	Spp	Sex	Size	Shell	Bio	BCS
A7							
B7							
C7							
D7							
E7							
F7							
G7							
H7							
A8							
B8							
C8							
D8							
E8							
F8	DO NOT TAKE SAMPLE - CONTROL WELL						
G8							
H8							
A9							
B9							
C9							
D9							
E9							
F9							
G9							
H9							
A10							
B10	DO NOT TAKE SAMPLE - CONTROL WELL						
C10							
D10							
E10							
F10							
G10							
H10							
A11							
B11							
C11							
D11							
E11							
F11							
G11							
H11							
A12	DO NOT TAKE SAMPLE - CONTROL WELL						
B12							
C12							
D12							
E12							
F12							
G12							
H12							

Column 1

Column 2

Column 3

Column 4

Column 5

Column 6

Column 7

Column 8

Column 9

Column 10

Column 11

Column 12

NOTES: Non-random? Mistakes? Anything Unusual ? (Please write **WELL Number** in front of comment)

G1 - .1

B2 - .1

If a cap pops off: put cap back on, rinse plate with fresh water and blot dry

If you see a **positive King Crab**, *Telmessus* or *Erimacrus* please take a photo,

2 blood samples (use 2 collection plate wells) & 3 Blood Smears.

KEYS:

<p>Species: CO = <i>C. opilio</i> CB = <i>C. bairdi</i> *or write out "opilio" or "bairdi"</p>	<p>Sex: 1 = Male 2 = Female 3 = Unknown</p>	<p>Size: Carapace Width (mm, tenths)</p>	<p>Shell Condition: 0 = Premolt/Molt 1 = Soft Shell 2 = New Shell 3 = Old Shell 4 = Very Old Shell 5 = Graveyard</p>	<p>Bio (Biometrics): MALE: Chela Height in mm (tenths); FEMALE: Clutch (use standard color, condition & fullness codes)</p>	<p>BCS+: P = Visually Positive N = Visually Negative</p>
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Data Sheet for VISUALLY POSITIVE BCS CONTROL COLLECTIONS

Location: EBS

Vessel: VESTERALEN

Cruise No.: 2018-01

Name(s): AB/JD

Haul #	Tube No.	Species	Sex	CW (mm)	SC	Biometrics	Confirm BCS+	Blood volume	Comments
064	1	CB	M	75.11	2	8.38	P	0.83	
064	2	CB	M	91.85	2	6.29	P	0.60	
064	3	CB	M	39.76	2	4.37	P	0.70	
074	4	CB	M	43.48	2	5.06	P	.60	Very visually +
082	5	CB	M	97.84	2	18.17	P	.80	
105	6	CO	M	50.29	2	8.14	P	.75	
105	7	CO	F	44.67	2	0.00	P	.60	
106	8	CO	F	38.29	2	0.00	P	.60	
109	9	CO	M	61.51	2	11.17	P	.81	
109	10	CO						.65	

- Collect blood from up to 5 visually positive *C. bairdi* (Leg 2) & 5 visually positive *C. opilio* (Leg 3); any size or sex crab can be sampled for the visually positive BCS collections.
- You may collect these crabs from any regular station in the EBS, including the index site stations. If you collect these crabs within the index sites, set these crabs aside after you have selected crabs for the regular index site sampling. Please be careful to not let these crabs affect the index site collections (review full protocol).
- Please take at least 0.6 ml, but no more than 0.9 ml, blood from BCS+ crab. Record blood volume on sheet. If only discolored blood is obtained from a crab, discard the crab (& select another BCS+ crab).
- Keep caps clean; there are empty tubes available if you need a spare cap to replace a lost or dirty cap ("BCS Control Kit" in yellow patho barrel)

Spp (species):
 CO = *C. opilio*
 CB = *C. bairdi*
 (or write out "opilio", "bairdi")

Sex:
 1 = Male
 2 = Female
 3 = Unknown

Size:
 Carapace
 Width in mm
 (tenths)

Shell Condition:
 0 = Premolt/Molt
 1 = Soft Shell
 2 = New Shell
 3 = Old Shell
 4 = Very Old Shell
 5 = Graveyard

Biometrics:
 MALE: Chela Height in mm
 (tenths);
 FEMALE: Clutch (use standard
 color, condition & fullness codes)

BCS+:
 P = Visually Positive
 N = Visually Negative

2018-1001

-1002

-1003

-1004

-1005

-1006

-1007

-1008

-1009

-1010



Data Sheet for VISUALLY POSITIVE BCS CONTROL Collections

Location: **EBS** Vessel: **ALASKA KNIGHT** Cruise No.: **2018-01** Name(s): Tyler Jackson / Erin Tedawa

Haul#	Tube No.	Species	Sex	CW (mm)	SC	Biometrics	Confirm BCS+	Blood volume	Comments
135	11	C.o	M	75.20	2	16.24	+	0.6	
136	12	C.o	M	80.71	2	20.71	+	0.7	
145	13	C.o	M	56.99	2	7.96	+	.6	
145	14	C.o	F	50.98	2	000	+	.8	
163	15	C.b	F	44.71	2	000	+	0.6	Visually BCS but blood not milky
163	16	C.b	M	39.69	2	4.58	+	0.6	
163	17	C.b.	F	43.77	2	000	+	0.6	Blood not milky
163	18	C.b.	F	40.80	2	000	+	0.6	
163	19	C.b.	F	44.42	2	000	+	0.6	
172	20	C.o.	M	77.53	2	14.16	+	0.9	

- Collect blood from up to 5 visually positive *C. bairdi* (Leg 2) & 5 visually positive *C. opilio* (Leg 3); any size or sex crab can be sampled for the visually positive BCS collections.
- You may collect these crabs from any regular station in the EBS, including the index site stations. If you collect these crabs within the index sites, set these crabs aside after you have selected crabs for the regular index site sampling. Please be careful to not let these crabs affect the index site collections (review full protocol).
- Please take at least 0.6 ml, but no more than 0.9 ml, blood from BCS+ crab. Record blood volume on sheet. If only discolored blood is obtained from a crab, discard the crab (& select another BCS+ crab).
- Keep caps clean; there are empty tubes available if you need a spare cap to replace a lost or dirty cap ("BCS Control Kit" in yellow patho barrel)

Spp (species):
 CO = *C. opilio*
 CB = *C. bairdi*
 (or write out "opilio", "bairdi")

Sex:
 1 = Male
 2 = Female
 3 = Unknown

Size:
 Carapace
 Width in mm
 (tenths)

Shell Condition:
 0 = Premolt/Molt
 1 = Soft Shell
 2 = New Shell
 3 = Old Shell
 4 = Very Old Shell
 5 = Graveyard

Biometrics:
 MALE: Chela Height in mm
 (tenths);
 FEMALE: Clutch (use standard color, condition & fullness codes)

BCS+:
 P = Visually Positive
 N = Visually Negative

2018-1011

-1012

-1013

-1014

-1015

-1016

-1017

-1018

-1019

-1020

