



Plankton Net Tow Log Sheet

Cruise #: 2019-04 Vessel: NEARAKAWA Page: 1

Project(s): NEO-806 Contact: M. BELTON

TSK Serial #: 7057 RBR serial #: 79081

Time offset = + hrs = UTC (please record local time for samples)

Date: <u>29 APR 2019</u>	Station: <u>GEO1</u>	Time: <u>1525</u>	LOCAL
Net Event # <u>2</u>	CTD # <u>1</u>		
Latitude: <u>49</u> <u>14</u> <u>951</u> N		Longitude: <u>123</u> <u>45</u> <u>133</u> W	
deg min.dec		deg min.dec	
Wire out: <u>396</u>	Wire angle: <u>5</u>	Bottom Depth: <u>406</u>	
Net Type: <u>BONGO</u>	Tow Type: <u>VNH</u>		
Flow start <u>80841</u>	Flow end <u>83158</u>	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 110 LIMHE from the Formalin side (SP)

Date: <u>29 APR 2019</u>	Station: <u>40</u>	Time: <u>1759</u>	LOCAL
Net Event # <u>6</u>	CTD # <u>5</u>		
Latitude: <u>49</u> <u>08</u> <u>555</u> N		Longitude: <u>123</u> <u>36</u> <u>737</u> W	
deg min.dec		deg min.dec	
Wire out: <u>140</u>	Wire angle: <u>0</u>	Bottom Depth: <u>150</u>	
Net Type: <u>BONGO</u>	Tow Type: <u>VNH</u>		
Flow start <u>83158</u>	Flow end <u>83161</u>	Flow = frozen	
		Non-flow = pickled	

Notes: LOST SOME OF THE FORMALIN SAMPLE
Matt picked 20 LIMHE (SP) ON DECK

Date: <u>30 APR 2019</u>	Station: <u>28</u>	Time: <u>0914</u>	LOCAL
Net Event # <u>10</u>	CTD # <u>9</u>		
Latitude: <u>49</u> <u>11</u> <u>935</u> N		Longitude: <u>123</u> <u>26</u> <u>315</u> W	
deg min.dec		deg min.dec	
Wire out: <u>298</u>	Wire angle: <u>5</u>	Bottom Depth: <u>308</u>	
Net Type: <u>BONGO</u>	Tow Type: <u>VNH</u>		
Flow start <u>83185</u>	Flow end <u>84953</u>	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 80 LIMHE from Formalin side (SP)

Date: <u>30 APR 2019</u>	Station: <u>28</u>	Time: <u>1228</u>	LOCAL
Net Event # <u>15</u>	CTD # <u>12</u>		
Latitude: <u>49</u> <u>24</u> <u>148</u> N		Longitude: <u>123</u> <u>45</u> <u>301</u> W	
deg min.dec		deg min.dec	
Wire out: <u>124</u>	Wire angle: <u>0</u>	Bottom Depth: <u>134</u>	
Net Type: <u>BONGO</u>	Tow Type: <u>VNH</u>		
Flow start <u>84952</u>	Flow end <u>85700</u>	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 59 LIMHE from formalin side (SP)

ALL SAMPLES
FORMALIN
+ ETHER

from
Formalin
side

Flow
METER
DOESN'T
LOOK LIKE IT
MOVED.
SEEMS TO WORK
WHEN
BLOWN
ON.



Plankton Net Tow Log Sheet

Cruise #: 2019-044 Vessel: NEOCARUS Page: 2

Project(s): NEO-SOG

Contact: M BELTON

TSK Serial #: 7057

RBR serial #: 79081

Time offset = +

hrs = UTC (please record local time for samples)

Date: 30 APR 2019	Station: 24	Time: 1453	LOCAL
Net Event # 17	CTD # 16		
Latitude: 49 30 283 N	Longitude: 124 05 932 W		
deg min.dec	deg min.dec		
Wire out: 418	Wire angle: 5	Bottom Depth: 428	
Net Type: Bongo	Tow Type: VNH		
Flow start 85700	Flow end 85935	Flow = frozen	
		Non-flow = pickled	

Notes: FORMALIN; 2 LARGE SARS Matt picked 45 LIMHE from formalin side (SØ)

Date: 30 APR 2019	Station: IS-2	Time: 1603	LOCAL
Net Event # 19	CTD # 18		
Latitude: 49 38 181 N	Longitude: 124 05 000 W		
deg min.dec	deg min.dec		
Wire out: 19	Wire angle: Ø	Bottom Depth: 29	
Net Type: Bongo	Tow Type: VNH		
Flow start 85935	Flow end 86055	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 30 APR 2019	Station: 22	Time: 1731	LOCAL
Net Event # 22	CTD # 20		
Latitude: 49 40 103 N	Longitude: 124 16 370 W		
deg min.dec	deg min.dec		
Wire out: 345	Wire angle: Ø	Bottom Depth: 355	
Net Type: Bongo	Tow Type: VNH		
Flow start 86055	Flow end 87975	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 20 LIMHE from formalin side (SØ)

Date: 1 MAY 2019	Station: 11	Time: 1033	LOCAL
Net Event # 27	CTD # 26		
Latitude: 49 42 347 N	Longitude: 124 43 347 W		
deg min.dec	deg min.dec		
Wire out: 291	Wire angle: 5	Bottom Depth: 301	
Net Type: Bongo	Tow Type: VNH		
Flow start 87975	Flow end 89692	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 80 LIMHE from formalin side (SØ)



Plankton Net Tow Log Sheet

Cruise #: 2019-044 Vessel: NGOCALIGUS Page: 3

Project(s): NEO- SoG Contact: M. BELTON

TSK Serial #: 7057 RBR serial #: 79081

Time offset = + hrs = UTC (please record local time for samples)

Date: 1 MAY 2019	Station: CPE2	Time: 1336	LOCAL
Net Event # 33	CTD # 32		
Latitude: 49 27 922 N	Longitude: 124 29 937 W		
deg min.dec	deg min.dec		
Wire out: 318	Wire angle: 0	Bottom Depth: 328	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
89692	91461	Non-flow = pickled	
Notes: Matt picked 80 LIMHE from formalin side (SP)			

Date: 1 MAY 2019	Station: BS-11	Time: 1532	LOCAL
Net Event # 36	CTD # 38		
Latitude: 49 28 992 N	Longitude: 124 45 974 W		
deg min.dec	deg min.dec		
Wire out: 49	Wire angle: 0	Bottom Depth: 59	
Net Type: Bongo	Tow Type: VNH		
Flow start 91461	Flow end 91749	Flow = frozen	
		Non-flow = pickled	
Notes: Matt picked 8 (SP) LIMHE from formalin side.			

Date: 2 MAY 2019	Station: CPE1	Time: 950	LOCAL
Net Event # 44	CTD # 43		
Latitude: 49 21 936 N	Longitude: 124 4 939 W		
deg min.dec	deg min.dec		
Wire out: 235	Wire angle: 10-15	Bottom Depth: 248	
Net Type: Bongo	Tow Type: VNH		
Flow start 91749	Flow end 93080	Flow = frozen	
		Non-flow = pickled	
Notes: Matt picked 49 LIMHE (SP) and 1 S1 from formalin side.			

Date: 2 MAY 2019	Station: 41	Time: 1421	LOCAL
Net Event # 47	CTD # 46		
Latitude: 49 3 365 N	Longitude: 123 22 453 W		
deg min.dec	deg min.dec		
Wire out: 235	Wire angle: 10	Bottom Depth: 245	
Net Type: Bongo	Tow Type: VNH		
Flow start	Flow end	Flow = frozen	
93080	94439	Non-flow = pickled	
Notes: Matt picked 50 LIMHE (SP) from formalin side			



Plankton Net Tow Log Sheet

Cruise #: 20A-044 Vessel: NEOCALICUS Page: 3

Project(s): NEO-SOF Contact: M. Bell

TSK Serial #: 7057 RBR serial #: 79081

Time offset = + hrs = UTC (please record local time for samples)

Date: 2 Mar 2019	Station: 46	Time: 1704	LOCAL
Net Event # 53	CTD # 50		
Latitude: 48 51 464 N	Longitude: 123 16 581 W		
deg min.dec	deg min.dec		
Wire out: 169	Wire angle: 10	Bottom Depth: 179	
Net Type: Buxo	Tow Type: VNH		
Flow start 94439	Flow end 95387	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 14 LIMITE (SO) from formalin side and 13 from etOH side.

Date: 3 Mar 2019	Station: 59	Time: 1039	LOCAL
Net Event # 59	CTD # 57		
Latitude: 48 36 870 N	Longitude: 123 14 841 W		
deg min.dec	deg min.dec		
Wire out: 224	Wire angle: 5	Bottom Depth: 234	
Net Type: Buxo	Tow Type: VNH		
Flow start 95387	Flow end 96730	Flow = frozen 97055	
		Non-flow = pickled	

Notes:

Date: 3 Mar 2019	Station: G1-01	Time: 1201	LOCAL
Net Event # 61	CTD # 60		
Latitude: 48 45 837 N	Longitude: 123 20 531 W		
deg min.dec	deg min.dec		
Wire out: 54	Wire angle: 5	Bottom Depth: 264	
Net Type: Buxo	Tow Type: VNH		
Flow start 96728	Flow end 97055	Flow = frozen	
		Non-flow = pickled	

Notes:

Date: 3 Mar 2019	Station: SC04	Time: 1247	LOCAL
Net Event # 64	CTD # 62		
Latitude: 48 43 469 N	Longitude: 123 26 011 W		
deg min.dec	deg min.dec		
Wire out: 74	Wire angle: 0	Bottom Depth: 85	
Net Type: Buxo	Tow Type: VNH		
Flow start 97055	Flow end 97487	Flow = frozen	
		Non-flow = pickled	

Notes: Matt picked 4 LIMITE (SO) from formalin side



Plankton Net Tow Log Sheet

Cruise #: 2019-044 Vessel: NEOCALIOS Page: 4

Project(s): NEQ-SOC Contact: M. BELTON

TSK Serial #: 7057 RBR serial #: 79081

Time offset = +

hrs = UTC (please record local time for samples)

Date: 3 MAY 2019 Station: CB6-2 Time: 1338 LOCAL

Net Event # 66 CTD # 65

Latitude: 48 44 217 N Longitude: 123 34 450 W
deg min.dec deg min.dec

Wire out: 52 Wire angle: 0 Bottom Depth: 62

Net Type: BOWEN Tow Type: VIB

Flow start 97487 Flow end 97799 Flow = frozen

Non-flow = pickled

Notes: Matt picked 4 LIMHE (50) from formalin side and 1 from etoh side

Date: Station: Time: LOCAL

Net Event # CTD #

Latitude: N Longitude: W
deg min.dec deg min.dec

Wire out: Wire angle: Bottom Depth:

Net Type: Tow Type:

Flow start Flow end Flow = frozen

Non-flow = pickled

Notes:

Date: Station: Time: LOCAL

Net Event # CTD #

Latitude: N Longitude: W
deg min.dec deg min.dec

Wire out: Wire angle: Bottom Depth:

Net Type: Tow Type:

Flow start Flow end Flow = frozen

Non-flow = pickled

Notes:

Date: Station: Time: LOCAL

Net Event # CTD #

Latitude: N Longitude: W
deg min.dec deg min.dec

Wire out: Wire angle: Bottom Depth:

Net Type: Tow Type:

Flow start Flow end Flow = frozen

Non-flow = pickled

Notes:



Plankton Net Tow Log Sheet

Cruise #: _____ **Vessel:** _____ **Page:** _____
Project(s): _____ **Contact:** _____
TSK Serial #: _____ **RBR serial #:** _____
Time offset = + _____ **hrs = UTC (please record local time for samples)** _____

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:	N	Longitude:	W
deg min.dec		deg min.dec	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:	N	Longitude:	W
deg min.dec		deg min.dec	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:	N	Longitude:	W
deg min.dec		deg min.dec	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes:

Date:	Station:	Time:	LOCAL
Net Event #	CTD #		
Latitude:	N	Longitude:	W
deg min.dec		deg min.dec	
Wire out:	Wire angle:	Bottom Depth:	
Net Type:	Tow Type:		
Flow start	Flow end	Flow = frozen	
		Non-flow = pickled	

Notes: