

Zooplankton Net Tow Log

Ocean Sciences Division, Institute of Ocean Sciences

Zooplankton Default Parameters

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Zooplankton
Labels - Under
Construction

Cruise Number:	2023-008	Contact:	Julian Smith
Vessel:	Franklin	Tyler Zubkowski's Bongo from PBS. Light weight-frame, same as our light weight bongos except	
Project:	WCVI Integrated Pelagic Ecosystem Science	Additional Notes	

Current TSK Serial Number	Current RBR Serial Number	Net Type	Tow Type	Mesh Size (µM)	Formalin	Freezing	Ethanol
6069	204195	BONGO	VNH	250	YES	YES	NO

Date Time (UTC) GPS	Station	Net Event	CTD Event	Positional Information		Wire Out	Wire Angle	Sounder Depth BE (m)	Net Type	Mesh Size (µm)	Tow Type	Flow Start	Flow End	TSK Serial #	RBR Serial #	Equipment #	Sampling Processing	Comments
				Latitute	Longitude													
05-07-2023 23:51:55	5813	3	2	49 28.39 N	126 44.952 W	45	15	55	BONGO	250	VNH	90208	90219	6069	204195		Formalin Frozen	flow reading lower than expected
06-07-2023 04:43:55	5684	7	8	49 26.904 N	127 0.177 W	116	5	126	BONGO	250	VNH	92811	95371	6069	204195		Formalin Frozen	
06-07-2023 07:46:55	5687	11	10	49 26.385 N	126 49.691 W	84	5	94	BONGO	250	VNH	95371	95965	6069	204195		Formalin Frozen	
06-07-2023 23:18:55	8164	15	14	50 10.365 N	128 4.684 W	132	0	140	BONGO	250	VNH	95966	96822	6069	204195		Formalin Frozen	station name changed from 8790 to 8537 (inside labels still read 8790) station name changed from 8291 to 8164 (inside labels still read 8790)
07-07-2023 03:26:00	8537 19	18		50 16.681 N	128 10.413 W	165	5	175	BONGO	250	VNH	96822	98061	6069	204195		Formalin Frozen	
07-07-2023 07:21:00	8164 23	22		50 13.841 N	128 8.392 W	250	7	769	BONGO	250	VNH	98062	99696	6069	204195		Formalin Frozen	
07-07-2023 10:42:18	8291	27	26	50 15.87 N	128 0.165 W	48	5	58	BONGO	250	VNH	99698	00049	6069	204195		Formalin Frozen	removed 7xMIOCE, 15xSALASag from non-flow side
07-07-2023 23:20:55	10767	29	28	50 59.941 N	129 22.756 W	186	0	199	BONGO	250	VNH	00049	01205	6069	204195		Formalin Frozen	
08-07-2023 02:49:11	10143	33	32	50 45.688 N	129 13.762 W	152	7	162	BONGO	250	VNH	01207	02240	6069	204195		Formalin Frozen	
08-07-2023 06:39:11	10395	37	36	50 49.675 N	129 8.041 W	74	20	81	BONGO	250	VNH	02240	03026	6069	204195		Formalin Frozen	
08-07-2023 23:23:00	11778	41	40	51 14.768 N	128 39.296 W	185	0	197	BONGO	250	VNH	03028	04183	6069	204195		Formalin Frozen	
09-07-2023 02:07:00	11649	45	44	51 13.054 N	128 53.179 W	135	7	148	BONGO	250	VNH	04182	05130	6069	204195		Formalin Frozen	
09-07-2023 07:04:00	11651	50	49	51 13.169 N	128 48.58 W	147	0	157	BONGO	250	VNH	05130	06039	6069	204195		Formalin Frozen	removed 49xMIOCE s3 from non-flow side removed 2x AEQ-- s3, and put 2x CLIL s3 into EtOH both from non-flow side
09-07-2023 23:19:55	11284	53	52	51 5.431 N	128 20.529 W	172	0	182	BONGO	250	VNH	06040	07131	6069	204195		Formalin Frozen	
10-07-2023 02:33:00	11405	57	56	51 9.662 N	128 34.787 W	157	0	168	BONGO	250	VNH	07132	08123	6069	204195		Formalin Frozen	

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6069	204195	BONGO	VNH	250	YES	YES	NO

Date Time (UTC) GPS	Station	Net Event	CTD Event	Positional Information		Wire Out	Wire Angle	Sounder Depth BE (m)	Net Type	Mesh Size (µm)	Tow Type	Flow Start	Flow End	TSK Serial #	RBR Serial #	Equipment #	Sampling Processing	Comments
				Latitude	Longitude													
10-07-2023 06:23:51	11656	61	60	51 11.887 N	128 34.195 W	187		199	BONGO	250	VNH	08125	09350	6069	204195		Formalin Frozen	
12-07-2023 23:29:00	11170	65	64	51 3.152 N	127 45.854 W	82	7	90	BONGO	250	VNH	09412	09954	6069	204195		Formalin Frozen	
13-07-2023 05:08:55	11039	69	68	51 0.446 N	128 7.21 W	130	8	140	BONGO	250	VNH	09954	10719	6069	204195		Formalin Frozen	removed 85xMIOCE s3 from non-flow side
13-07-2023 23:21:12	10775	73	72	50 55.641 N	128 51.174 W	85	10	95	BONGO	250	VNH	10717	11268	6069	204195		Formalin Frozen	removed 9xMIOCE s3 from non-flow
14-07-2023 01:53:41	11150	77	76	51 5.108 N	128 55.787 W	85	10	95	BONGO	250	VNH	11268	11879	6069	204195		Formalin Frozen	removed 1xAEQ-- s3, 9xMIOCE s3 from non-flow side
14-07-2023 06:36:11	11024	81	80	51 3.809 N	128 56.663 W	87	5	99	BONGO	250	VNH	11879	12348	6069	204195		Formalin Frozen	removed 5xMIOCE s3 from non-flow side
14-07-2023 23:20:00	10657	85	84	50 53.279 N	128 27.384 W	38	0	48	BONGO	250	VNH	12348	12681	6069	204195		Formalin Frozen	
15-07-2023 02:37:41	11155	89	88	51 2.481 N	128 37.47 W	70	10	81	BONGO	250	VNH	12681	13105	6069	204195		Formalin Frozen	removed 3xMIOCE s3 from non-flow side
15-07-2023 06:37:00	10779	93	92	50 59.852 N	128 39.933 W	58	0	68	BONGO	250	VNH	13109	13481	6069	204195		Formalin Frozen	removed 1xBeroe s3, 1xAEQ-- s3, 1xMIOCE s3 from non-flow side
15-07-2023 23:27:59	9778	97	96	50 38.597 N	128 45.419 W	202	5	212	BONGO	250	VNH	13481	14820	6069	204195		Formalin Frozen	removed 1xAEQ-- s3 from non-flow side
16-07-2023 03:12:11	10408	101	100	50 50.002 N	128 28.139 W	50	0	62	BONGO	250	VNH	14820	15122	6069	204195		Formalin Frozen	
16-07-2023 07:18:00	9904	105	104	50 44.548 N	128 36.726 W	80	0	90	BONGO	250	VNH	15123	15624	6069	204195		Formalin Frozen	
16-07-2023 23:20:12	9534	109	108	50 33.509 N	128 20.664 W	82	0	92	BONGO	250	VNH	15624	16134	6069	204195		Formalin Frozen	removed 2xMIOCE s3, 1xEutonia s3 from non-flow side
17-07-2023 02:37:49	9908	114	112	50 40.917 N	128 25.308 W	55	10	65	BONGO	250	VNH	16760	17182	6069	204195		Formalin Frozen	redid cast after winch operator stalled on upcast and went in reverse direction. Deleted event but advanced event # to 114 as per CS request.

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6069	204195	BONGO	VNH	250	YES	YES	NO

Date Time (UTC) GPS	Station	Net Event	CTD Event	Positional Information		Wire Out	Wire Angle	Sounder Depth BE (m)	Net Type	Mesh Size (µm)	Tow Type	Flow Start	Flow End	TSK Serial #	RBR Serial #	Equipment #	Sampling Processing	Comments
				Latitute	Longitude													
17-07-2023 07:17:5	9657	118	117	50 40.254 N	128 29.927 W	101	0	111	BONGO	250	VNH	17182	17840	6069	204195		Formalin	
17-07-2023 23:38:0	6304	122	121	49 37.436 N	127 17.31 W	138	7	148	BONGO	250	VNH	17840	18719	6069	204195		Frozen	
18-07-2023 03:23:4	6803	126	125	49 46.79 N	127 17.107 W	61	10	71	BONGO	250	VNH	18719	18824	6069	204195		Formalin	flow read seems low. Removed
18-07-2023 07:07:5	6557	130	129	49 45.601 N	127 9.952 W	60	10	70	BONGO	250	VNH	18824	18835	6069	204195		Frozen	1xMIOCE from non-flow side
18-07-2023 23:14:4	3583	134	133	48 47.993 N	125 43.487 W	55	0	65	BONGO	250	VNH	18854	19201	6069	204195		Formalin	flow read is low again...
19-07-2023 01:24:4	3836	137	136	48 51.921 N	125 32.605 W	50	0	60	BONGO	250	VNH	19201	19589	6069	204195		Frozen	
7/20/2023 23:26	7175	142	141	49 56.997 N	127 30.764 W		53	10	63 BONGO	250	VNH	19589	19959	6069	204195		Formalin	
7/21/2023 5:12	6798	146	145	49 46.03 N	127 36.445 W		245	0	255 BONGO	250	VNH	19959	21069	6069	204195		Frozen	
7/21/2023 23:18	5186	150	149	49 22.095 N	126 53.849 W		130	5	140 BONGO	250	VNH	21069	21801	6069	204195		Formalin	
7/22/2023 7:20	5434	155	154	49 22.086 N	126 58.777 W		135	0	147 BONGO	250	VNH	21801	22663	6069	204195		Frozen	
7/22/2023 23:15	4938	158	157	49 17.639 N	126 47.667 W		128	0	138 BONGO	250	VNH	22663	23433	6069	204195		Formalin	
7/23/2023 3:14	4068	162	161	49 2.305 N	126 33.285 W		145	0	155 BONGO	250	VNH	23433	24403	6069	204195		Frozen	
7/23/2023 6:57	4566	166	165	49 6.52 N	126 36.765 W		128	5	138 BONGO	250	VNH	24403	25239	6069	204195		Formalin	
7/23/2023 23:13	4323	170	169	49 1.694 N	126 15.798 W		95	0	104 BONGO	250	VNH	25239	25828	6069	204195		Frozen	
7/24/2023 6:46	4697	178	177	49 11.649 N	126 21.385 W		65	0	75 BONGO	250	VNH	25828	26921	6069	204195		Formalin	
7/25/2023 0:16	3451	183	182	48 49.694 N	126 7.589 W		102 <5		112 BONGO	250	VNH	26921	29790	6069	204195		Frozen	
7/25/2023 3:36	4077	187	186	48 58.766 N	126 2.998 W		50	0	60 BONGO	250	VNH	29790	29950	6069	204195		Formalin	
																	Frozen	

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6069	204195	BONGO	VNH	250	YES	YES	NO

Date Time (UTC) GPS	Station	Net Event	CTD Event	Positional Information		Wire Out	Wire Angle	Sounder Depth BE (m)	Net Type	Mesh Size (µm)	Tow Type	Flow Start	Flow End	TSK Serial #	RBR Serial #	Equipment #	Sampling Processing	Comments
				Latitute	Longitude													
7/25/2023 8:38	3825	191	190	48 53.437 N	126 8.315 W	90	5	100	BONGO	250	VNH	29950	29959	6069	204195		Formalin Frozen	
7/26/2023 4:44	3821	197	196	48 54.191 N	126 20.655 W	144	<5	154	BONGO	250	VNH	29959	30242	6069	204195		Formalin Frozen	
7/26/2023 8:03	3823	201	200	48 53.531 N	126 15.311 W	122	5	132	BONGO	250	VNH	30242	38692	6069	204195		Formalin Frozen	
7/26/2023 23:58	2955	205	204	48 38.686 N	125 53.388 W	76	0	87	BONGO	250	VNH	38692	39734	6069	204195		Formalin Frozen	
7/26/2023 23:58	2453	209	208	48 29.55 N	126 0.823 W	157	<5	147	BONGO	250	VNH	39734	30809	6069	204195		Formalin Frozen	
7/27/2023 19:42	3212	214		48 41.759 N	125 30.927 W	155	<5	165	BONGO	250	VNH	39809	42725	6069	204195		Formalin Frozen	
7/28/2023 17:06	2958	216		48 40.229 N	125 42.541 W	115	0	215	BONGO	250	VNH	42725	42735	6069	204195		Formalin Frozen	flow reading lower than expected
7/28/2023 18:54	3333	218		48 45.762 N	125 41.877 W	88	<5	98	BONGO	250	VNH	42735	43320	6069	204195		Formalin Frozen	
7/28/2023 22:40	3331	220		48 45.608 N	125 50.743 W	66	<5	76	BONGO	250	VNH	43320	43545	6069	204195		Formalin Frozen	
7/29/2023	2091	226		48 24.227 N	125 19.411 W	115	<5	125	BONGO	250	VNH	43545	43840	6069	204195		Formalin Frozen	
7/29/2023 22:42	2344	229		48 27.810 N	125 09.195 W	146	<5	157	BONGO	250	VNH	43840	44765	6069	204195		Formalin Frozen	
7/30/2023 17:23	2594	231		48 32.277 N	125 07.377 W	109	<5	119	BONGO	250	VNH	44765	45605	6069	204195		Formalin Frozen	
7/30/2023 19:01	2844	232		48 36.118 N	125 08.840 W	99	<5	109	BONGO	250	VNH	45605	46235	6069	204195		Formalin Frozen	
7/30/2023 20:58	2848	235		48 35.303 N	124 55.932 W	52	<5	62	BONGO	250	VNH	46235	46570	6069	204195		Formalin Frozen	