

Zooplankton Net Tow Log

Ocean Sciences Division, Institute of Ocean Sciences

Zooplankton Default Parameters

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Labels - Under
Construction

Cruise Number:	2024-027	Contact:	Cindy Wright
Vessel:	Franklin	Equipment Description/Serial Number (ex. Bongo #1)	PBS Light Bongo 60cm
Project:	Juvenile Salmon	Additional Notes	zen to PBS. Size fraction

					Sampling Processing		
Current TSK Serial Number	Current RBR Serial Number	Net Type	Tow Type	Mesh Size (µM)	Formalin	Freezing	Ethanol
6069	79081	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													
17-09-2024 03:00:34	SC04	2	1	48 43.586 N	123 24.961 W	87	5	97	Bongo	250	VH	38335	38375	7277	79081	PBS	Form/Formeze	Size fraction frozen to PBS
17-09-2024 16:17:45	SG5	5	4	48 51.396 N	123 10.688 W	200	50	181	BONGO	250	VNH	38375	39735	7277	79081	PBS Light Bon	Frozen Formalin	
18-09-2024 00:52:22	SG08	12	11	49 8.633 N	123 38.002 W	73	0	83	BONGO	250	VNH	39735	39735	7277	79081	PBS Light Bon	Frozen Formalin	flowmeter did not move
18-09-2024 16:18:22	SG06	14	15	49 7.61 N	123 24.866 W	236	5	246	BONGO	250	VNH	39751	39751	7277	79081	PBS Light Bon	Frozen Formalin	FM problem
18-09-2024 19:08:00	SG17	18	17	49 1.197 N	123 14.412 W	86	5	96	BONGO	250	VNH	40000	40002	7277	79081	PBS Light Bon	Frozen Formalin	Flow meter issues. FM issue. There is no reason
18-09-2024 23:01:00	SG14	23	22	49 15.985 N	123 19.686 W	152	0	162	BONGO	250	VNH	40100	40105	7277	79081	PBS Light Bon	Frozen Formalin	obvious why it isn't working new flow meter worked well 2cm
19-09-2024 16:13:33	SOG26	28	27	49 12.33 N	123 34.08 W	357	0	367	BONGO	250	VNH	74900	77078	6069	79081	PBS Light Bon	Frozen Formalin	Beroe removed
Time	SOG23	32	31	Lat	Long	370	0	380	BONGO	250	VNH	77078	79405	6069	79081	PBS Light Bon	Frozen Formalin	removed a 6cm Beroe
19-09-2024 22:39:33	SOG21	36	35	49 19.102 N	123 35.715 W	242	0	252	BONGO	250	VNH	79405	80995	6069	79081	PBS Light Bon	Frozen Formalin	
20-09-2024 16:58:00	SOG32	42	41	49 22.847 N	123 53.218 W	319	5	329	BONGO	250	VNH	80995	82755	6069	79081	PBS Light Bon	Frozen Formalin	wire angle mostly zero but went
20-09-2024 20:02:55	SOG30	46	45	49 25.851 N	123 50.786 W	202	0	213	BONGO	250	VNH	82755	84012	6069	79081	PBS Light Bon	Frozen Formalin	up to 5
20-09-2024 23:07:55	SOG34	50	49	49 29.966 N	124 2.919 W	91	0	101	BONGO	250	VNH	84012	84575	6069	79081	PBS Light Bon	Frozen	
21-09-2024 14:52:44	SOG36	54	53	49 30.34 N	124 5.961 W	419	0	429	BONGO	250	VNH	84575	87198	6069	79081	PBS Light Bon	Frozen Formalin	added extra weight and went down 1m/s. This is station IOS24 for K.Young

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6069	79081	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													

21-09-2024 19:15:00	SOG58	59		49 40.2 N	124 16.194 W	346	0	356	BONGO	250	VNH	87203	89354	6069	79081	PBS Light Bongo	Frozen	Formalin	added extra weight and went down 1m/s. This is station IOS22 for K.Young. Shallowed up during cast, although no obvious sediment in sample, weights had some mud on them and there werer a number of the same polychaetes in the sample
22-09-2024 00:54:30	SOG56	65	64	49 47.22 N	124 32.324 W	300	0	312	BONGO	250	VNH	89345	91225	6069	79081	PBS Light Bongo	Frozen	Formalin	
22-09-2024 16:00:50	SOG38	68	67	49 22.621 N	124 10.804 W	341	0	351	BONGO	250	VNH	91225	93338	6069	79081	PBS Light Bongo	Frozen	Formalin	lots of weight=1m/s
22-09-2024 19:22:30	SOG40	72	71	49 25.2 N	124 16.737 W	286	0	296	BONGO	250	VNH	93338	95090	6069	79081	PBS Light Bongo	Frozen	Formalin	lots of weight=1m/s
22-09-2024 23:41:20	SOG43	77	76	49 26.877 N	124 37.952 W	75	0	85	BONGO	250	VNH	95089	95558	6069	79081	PBS Light Bongo	Frozen	Formalin	1 m/sec
23-09-2024 14:45:10	SOG45	80	79	49 29.924 N	124 33.537 W	164		174	BONGO	250	VNH	95558	95558	6069	79081	PBS Light Bongo	Frozen	Formalin	FM did not move. Will need to rinse. Went down 1m/sec. Lost green cod end so no size fraction
23-09-2024 17:44:30	SOG48	84	83	49 37.021 N	124 28.134 W	325	0	335	BONGO	250	VNH	99315	01349	6069	79081	PBS Light Bongo	Frozen	Formalin	1m/sec
23-09-2024 23:20:30	SOG60	90	89	49 38.627 N	124 43.593 W	139	0	149	BONGO	250	VNH	01349	02182	6069	79081	PBS Light Bongo	Frozen	Formalin	1m/sec
24-09-2024 15:07:30	SOG62	93	92	49 38.732 N	124 48.85 W	80	0	90	BONGO	250	VNH	02189	02662	6069	79081	PBS Light Bongo	Frozen	Formalin	1m/sec
24-09-2024 17:55:20	SOG64		97	96 49 43.008 N	124 46.627 W	216	0	226	BONGO	250	VNH	02662	03971	6069	79081	PBS Light Bongo	Frozen	Formalin	1m/sec
24-09-2024 21:27:30	SOG67	101	100	49 53.075 N	124 50.991 W	164	0	174	BONGO	250	VNH	03972	05082	6069	79081	PBS Light Bongo	Frozen	Formalin	1m/sec
25-09-2024 14:26:50	SOG70	106	105	49 46.616 N	124 56.622 W	42	0	52	BONGO	250	VNH	05082	05265	6069	79081	PBS Light Bongo	Frozen	Formalin	1m/sec

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6069	79081	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													
25-09-2024 19:22:5	SOG74	112	111	50 0.647 N	124 56.783 W	109	0	119	BONGO	250	VNH	05265	05305	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
25-09-2024 22:17:4	SOG76	116	115	50 1.036 N	125 8.155 W	137	5	147	BONGO	250	VNH	05308	05340	6069	79081	PBS Light Bon	Formalin Frozen	the end flow reading seems short; 1m/sec
26-09-2024 01:05:3	SOG81	119	118	49 53.902 N	124 44.106 W	91	0	101	BONGO	250	VNH	05340	05912	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
26-09-2024 20:55:4	SOG79	126	125	50 5.088 N	124 48.815 W	511	0	521	BONGO	250	VNH	05912	08838	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
27-09-2024 00:44:0	SOG77	129	130	50 17.536 N	124 39.62 W	250	0	715	BONGO	250	VNH	08838	10392	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
27-09-2024 14:39:0	SOG84	132	131	50 22.521 N	124 40.996 W	250	0	497	BONGO	250	VNH	10398	12032	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
27-09-2024 17:37:1	SOG87	136	135	50 18.58 N	124 56.316 W	504	0	524	BONGO	250	VNH	12032	15055	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
27-09-2024 21:24:0	SOG89	140	139	50 9.391 N	125 2.818 W	425	0	437	BONGO	250	VNH	15055	17688	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
28-09-2024 17:05:2	JS01	146	145	50 23.314 N	125 33.427 W	100	10	116	BONGO	250	VNH	17688	17688	6069	79081	PBS Light Bon	Formalin Frozen	Went a bit shallower than b-10 due to changing depth. FM did not turn
28-09-2024 20:30:5	JS03	149	148	50 27.559 N	125 58.992 W	92	0	102	BONGO	250	VNH	17695	17695	6069	79081	PBS Light Bon	Formalin Frozen	I blew on the FM and it was spinning fine. Deployed it and it didn't move again!
29-09-2024 15:32:5	QCTS02	155	154	50 43.323 N	126 50.558 W	180	0	190	BONGO	250	VNH	17721	17730	6069	79081	PBS Light Bon	Formalin Frozen	FM seems short
29-09-2024 17:12:4	QCST03	158	157	50 49.271 N	126 59.708 W	96	5	106	BONGO	250	VNH	17900	18525	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec
29-09-2024 22:48:4	QCST07	164	163	50 53.021 N	127 22.819 W	147	5	157	BONGO	250	VNH	18525	19435	6069	79081	PBS Light Bon	Formalin Frozen	1m/sec