

- July 25 Saturday 3.30 P.M. Came to an anchor in Shelburne Harbor. Stores closed. No supplies obtainable.
- July 26 Sunday At anchor. Thunder showers, clearing in the afternoon. Tested out the Evinrude motor in a dory. It worked very well.

10230

Sta 10230 July 25 10 Am.
 Position Lat $43^{\circ} 19'$ Long $60^{\circ} 23'$
 Depth 30 fath = 54 meters
 Clear, brisk W breeze, smooth sea.

Color b.

Depth.	Therm no.	$^{\circ}\text{C}$	$@ ^{\circ}\text{C}$	cor.	cor. T.	Bat.	WS
0	50.5	10.25			10.25		40
30	R 159	3.1	6.5	-07	3.03		"
50	1.	3.15	7.	101	3.04		"

	Depth	Time	Speed
20 sick	0	1/2 hr	1 mile
water sick	30 fath	"	"

July

27. Got ice and provisions aboard, + up anchor
and under way at 9.30 AM.

1 PM. Came to an anchor at Sta 10231, 3 miles
E.S.E. of Lockport Gas + Whistle buoy.

10231

Sta 10231 July 27. 3 P.M. (Atlantic time.)
 Position Lat $43^{\circ} 37'$ Long. $64^{\circ} 57'$
 Depth 32 fath = 58 meters.
 Clear, light N.W. wind. Smooth sea.

* Current station.

Temp.	Depth.	Therm no.	${}^{\circ}\text{C}$	${}^{\circ}\text{C}$	cor.	cor T	Bot.	W.S.
0	R 159	6.67	9	- 0.5	6.62			yes
30	R 154	1.86	4.5	- 0.5	1.81			"
50	1.	1.92	6	- 0.1	1.91			"
50	R 154	2.02	5	- 0.5	1.97			

Nets.	Descrip.	Depth	Time.	Speed.
#20 silk	0		tidal tow.	
Meter linen	0		" "	
Quant.	50-0			

For currents an over.

10231 contd.

Depth. Fathoms Meters	Time (Atlantic)	Duration (minutes)	Revolution Compass bar from which flow comes	Magnetic c m per sec.	knots per hour.
30	2.15 P.M.	10	390	W by S.	
3	2.30 "	5	345	WNW	
30	3.10 "	5	270	WSW	
3	3.20 "	5	390	NW	
30	4 "	5	170	WSW	
3	4.20 "	5	190	NW	
30	5 " "	6 1/2	110	WSW	
3	5.20 "	5	340	N	
3	6.20 "	5	465	N	
30	7 "	10	240	?	
4	7.15 "	5	460	NE	
30	8 "	5	165	NE	
4	8.10 "	5	690	ENE	
4	9.20 "	5 1/2	885	E by N	
4	10.05 "	5	780	E	
4	11 "	5	760	E by S	
4	12.10 A.M.	5	480	N to ENE	
4	1 A.M.	5	90	SW by S.	
4	2 "	5	445	WSW	

10232

Sta 10232 July 28, 9-11 Am.

Position Lat. $43^{\circ}12'$ Long. $64^{\circ}27'$

Depth 80 fath = 146 meters.

Clear, calm, smooth sea.

Temp.	Depth.	Therm no 58.5 to 59	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$	cor.	corr T. 14.72 to 15.00	Dot.	ws.
0								4cs
40	R 154	4.5	10	- 12	4.38			"
100	#1	2.95	9.9	- 07	2.88			"
100	#1	3.5	9	- 05	3.45			"
140	R 159	5.64	10	- 09	5.55			"
140	R 154	5.82	8	- 06	5.76			

Color, 4.

Nets.	Descrip.	Depth.	Time	Speed.
20 silk		0	1/2 hr.	1 mile
Net.		100-0	"	"
Meter silk		50-0	"	"
Seaut.		140-0		

10233

Sta 10233 July 28th 6-8 pm.Position Lat $42^{\circ} 41'$ Long $63^{\circ} 58'$

Depth. no bottom at 200 fath = 453 meters.

Cloudy, light E breeze, smooth sea.

Temp.	Dept.	Therm. no.	$^{\circ}\text{C}$	$@ ^{\circ}\text{C}$	cor.	cor T.	Bot.	W.S.
	0	b2.5	16.95			16.95		yes
	40	R 159	7.42	11	- 08	7.34	"	
	100	R 154	7.71	12	- 10	7.59	"	
	200	I.	7.8	12	- 06	7.74	"	
	300	R 159	7.7	11	- 08	7.62	"	
	400	I	5.4	13	- 10	5.30	"	
	500	R 154	5.04	12	- 16	4.98	"	

Color 4.

Nets.	Descript.	Dept.	Time	Speed.
	20 silk	0	1/2 hr.	1 mile
	Helgoland.	300-0	"	"
	Meter silk	100-0	"	"
	Meter linen	0.	"	"

10234

Sta 10234 July 29th 5 to 7 Am.

Position Lat. $43^{\circ} 10'$ Long. $63^{\circ} 30'$

Depth 55 fath. = 100 meters.

Cloudy, brisk E wind, smooth sea.

Temp.	Depth.	Therm no.	$^{\circ}\text{C}$	$@^{\circ}\text{C}$	cor.	cor T.	Bct.	WS
	0	58.5				14.12		400
	40	1.	3.2	10	-07	3.13	"	"
	95	R 104	2.92	9.	-12	2.80	"	"

Nets.	Descript.	Depth.	Time	Spud.
	20 zilla	0	$\frac{1}{2}$ hr.	1 mile
	Holgoland.	75-0	"	"
	Invert.	95-0		

- July 29 Came to an anchor in Le Havre bay off Spectacle Id. at 8.30 P.M. Blowing up strong from E, and getting thick.
- July 30. 8 AM. moored further up the harbor to a more sheltered anchorage. Blowing hard from E and rather thick, with showers.
- July 31 Thick fog outside & in lower bay. Wind still E but moderating. Heavy rain in the afternoon.

Sta 10235.

Sta. 10235. July 29, 11 AM - 1 PM.

Position Lat. $43^{\circ}43'$ Long $63^{\circ}54'$

Depth 120 fath = 219 meters.

Cloudy, brisk E wind, choppy sea.

Temp.	Depth.	Therm. no.	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor.	corr T	Bott.	W.S.
	0	57.5	7	11		14.17	40	
	40	R. 154	5.65	11	-13	5.52	"	
	100	1	5.3	10	-04	5.26	"	
	220	R 154	8.3	10.5	-04	8.26	"	
	220	1	8.05	10	-02	8.03	"	

Wts.	Descript.	Depth.	Time	Spend
	20 silk metre ..	0	1/2 hr	
		80-0	"	

10236

Sta 10236 Aug. 2nd, 1914. 8 Am.Lat. $44^{\circ}17'$ Long. $63^{\circ}52'$

Depth 50 fath = 100 meters.

Thick fog + heavy swell.

Temp.	Depth.	Therm. no.	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	Cor. T.	Bor.	W.S.
	0	50-				12.78		40
	40	1.	3.42	9	-04	3.38	"	
	85	R 10-4	1.99	7.5	-.12	.78	"	

Color 5-6.

Wts.	Descrip.	Depth	Time	Speed.	
#20 silk		0	1/2 hr	1 mil	
Helgoland.		50-0	"	"	Mostly broken Calanus.
Squid.		70-0			scanty.

10237

Sta 10237 Aug. 6th 5-6 P.M.

Lat $44^{\circ}25'$ Long $63^{\circ}19'$

Depth 46 fath = 84 meters.

Clear, light SSW breeze, heavy swell.

Temp.	Depth	Therm no	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$	cor	cor T	Bor.	W.S.
	0	58				14.44		40
	30	#1	3.6	11	-08	3.52	"	
	50	R 154	2.35	11	-17	2.18	"	
	75	H+H. 98	1.28	11			"	

Nets -	Descrip.	Depth	Time	Speed.	
	20 silk	0	1/2 hr	+ mil	
	#1 "	0	"	"	
	Helgoland.	60-0	"	"	
	Invert.	75-0			Very scanty.

10238

Sta 10238 Aug. 6. 8:30-9 P.M.

Lat $44^{\circ} 11'$ Long $63^{\circ} 7'$

Depth 95 fath = 173 meters.

Clear, SW breeze, heavy swell.

Therm.	Depth.	Therm.no.	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$.	cor	corr.	Bot.	W.S.
	0	60				15.56		40
	40	1.	7.02	13.5°	-10	6.92	"	
	80	R 154	3.05	12.5°	-18	3.37	"	
	120	Hg. 98	6.9	12			"	
	165	" 95	9.05	11			"	

No nets.

10239

Sta 10239 Aug 7. 12.30 Am.

Lat. $43^{\circ} 54'$ Long. $62^{\circ} 53'$

Depth. 140 fath = 256 meters.

Clear, light W.S.W. breeze, swell.

Temp.	Depth.	Therm no.	${}^{\circ}\text{C}$	${}^{\circ}\text{C}$	cor.	Cor T.	Bor.	ws.
0		59	5.7	14	-15	15.00	Ack	40
40	R 160		5.7		-15	7.55	Eck.	"
100	R 158	1.	6	14.5	-13	5.87	Beg	"
150	R 154	8.93	14.5		-12	8.81	"	"
200	7+3 98	9.1	14.5			"	"	"
250	" 95	8.58	14			"	"	"

No nets.

10240

Sta 10240 Aug. 7th 9 Am.Lat $43^{\circ} 19'$ Long $62^{\circ} 43'$

Depth 30 fath = 91 meters.

Clear, faint westerly airs, smooth sea.

Temp	Depth	Therm no.	°C	@ °C.	cor	corr.	Bd.	ws.
	0	59				15.00		
	20	1.	11.9	14	0	11.9		
	40	R 154	5.70	13	-15	5.60		
	60	71.7 98	5.93	12.5	-10	5.80		
	80	R 160 108	5.9	12	-11	5.79		

No nets.

10241

Sta 10241 Aug. 7th 1 P.M.Lat $43^{\circ} 22'$ Long. $63^{\circ} 02'$

Depth 36 fath = 102 meters.

Clear, light Wairs, smooth sea.

Dept.	Therm no.	°C	@ °C	cor.	cor T.	Bat	WS.
0	62				16.67		40
40	R 154	6.34	12	-13	5.21		"
90	R 158	8.8	10.5	-03	8.77		"

No nets.

11 AM. harpooned a sword-fish, 10 ft 8 in long.

10242

Sta 10242 Aug. 7th 6 P.M.Lat $43^{\circ} 22'$ Long. $63^{\circ}, 28'$

Depth 80 fath = 146 meters.

Clear, calm, smooth sea.

Dept.	Therm no	$^{\circ}\text{C}$	$@ ^{\circ}\text{C}$	cor	cor T.	Bat	W.S.
0	60.5 to 59				15.8 ^b to 15.00		4+
40	R 154	4.6	11	-13	4.47		+
100	S+V. 298	6.2	8	-0.5-	6.11-		+
140	R 158	7.95 ^b	10	-0.3	7.92		+
				-0.3	7.92		+

no nets.

4.30 P.M. harpooned large saury

Towing was done about 6 miles W.N.W. of the station, 20 feet on surface.

10243

Sta 10243 Aug. 11th 6 P.M.Lat $43^{\circ} 18'$ Long. $65^{\circ} 27'$ Depth 35 fath, shoaling = 63 m.
Foggy, S.W. breeze, smooth sea.

Depth.	Therm. no	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$	cor	Cor T.	Bat.	WS.
0					13.61		40
30	R 154	7.6	13		7.47		"
55-	R 150 R 158	3.62	10	-11 -12	3.57 3.50	2ek.	"

Descript.	Depth	Time	Speed.
#20 silk	0	1/2 hr	1 mile
#1 "	0	"	"
Invert.	55-0		
Holgoland	40-0	1/2 hr	"

10244

Sta 10244 Aug 12. 4 Am.

Lat. $43^{\circ} 22'$ Long. $66^{\circ} 26'$

Depth 31 fath. = 56 in.

Rain. SW breeze.

Depth	Therm no.	$^{\circ}\text{C}$	$@ ^{\circ}\text{C}$	cor	cor T	Bot.	ws.
0					10		44
30	#1	9.7	13		9.64		"
50	R 160 158	9.65	12	-0.5	9.60		"

Descrip	Depth.	Time	Speed.
20 Silk	0	1/2 hr	1 mile.
#1	0	"	
Luant.	50-0	"	
Helgoland	40-0	"	

10245-

Sta 10245 Aug 12. 10.30 AM
 Lat $43^{\circ} 49'$ Long $66^{\circ} 51'$
 Depth. 69 fath = 128 m.
 Cloudy. N. haze, smooth sea.

Depth	Therm $^{\circ}$	$^{\circ}\text{C}$	$@ \text{C}$	cor	cor T	Bot.	ws.
0	"				14.44		Yes
40	71	9.54	13		9.44		"
80	R 154	8.83	12		8.75		"
120	R 160 108	8.60	12	-06 -07	8.54 8.53		"

20 fms	Surface	1/2 hr	1 mile	
5 "	"	"	"	
Helgoland.	100-0	"	"	
Suaut.	110-0	"	"	

10246

Sta 10246 Aug. 12, 6 pm.

Lat $44^{\circ} 15'$ Long $67^{\circ} 23'$

Depth 110 fath = 201 m.

Clear, calm, smooth sea.

Depth	Therm #	$^{\circ}\text{C}$	@ 20°	cor	cor T.	Bot	ws.
0					14.44		4
40	#1	8.4	11.5		8.35	"	
100	#1	6.34	11		6.28	"	
150	R 154	7.62	10.5		7.08	"	
190	R 158	8.2	10	-0.3 -0.3	8.17	Cck.	

Descrip	Depth	Time	Speed.
#20 silk	0	1/2 hr	1 mile.
#1 "	0	"	
metre "	50-0	"	
Helgoland	160-0	"	
Quart.	190-0		

10247

Sta 10247 Aug 12, 10 P.M.

Lat. $44^{\circ} 21'$ Long. $67^{\circ} 28'$

Depth. 37 fath. = 67 m.

Cloudy, light N breeze, smooth sea.

Depth.	Therm.	$^{\circ}\text{C}$	$@^{\circ}\text{C}$	cor	corr.	Pct	WS.
0	#1	8.98	10		10.44	46	
30					8.97	"	
60	R 154	8.90	10		8.88	"	

Descrip.	Depth.	Time	Speed.
#20	0	1/2 hr	1 mile
#1 silk	0	--	--

10248

Sta 10248 Aug 13 10 AM.

Lat $43^{\circ} 46'$ Long $67^{\circ} 58'$

Depth 110 fath = 201 m.

Clear, light E wind smooth sea.

Depth.	Therm no.	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$	cor	cor T.	Bot.	WS.
0					13.33	13.33	48
40	S 298	8.55	15.3	8	8.45	"	
100	#1	7.22	11		7.18	"	
150	R 154	6.12	10.5		6.04	"	
190	R 160 R 158	8.58 8.38	10.5	-03 -04	8.35 8.34	"	

	Depth	Time	Speed
#20 silk	0	1/2 hr	1 mile
#5 "	0	"	"
Meter "	50-0	"	"
Helgoland	150-0	"	"
Quant.	190-0	"	"

Sharks on surface

10249

Sta 10249 Aug. 13. 6 P.M.

Lat $43^{\circ}17'$ Long. $67^{\circ}40'$

Depth 125 fath = 228 meters.

Clear, calm, smooth sea.

Depth	Therm no	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	CorT.	Bdt	Ws.
0					17.5		40
40	S&N 298	6.48	11		6.38		..
100	#1	5.39	12		5.31		..
150	R 154	6.17	12		6.04		..
220	R ¹⁶⁰ ₁₅₈	5.9	10	-07	5.83		..
		5.9		-07	5.83		..

#20 silk	0	1/2 hr	1 mile	
#5 "	0	"	"	
Meter "	60-0	"	"	
Helgoland	175-0	"	"	
Levant.	220-0			

Sharks on surface

1025°0

Sta 1025°0 Aug 14 8 Am.

Lat. $43^{\circ} 39'$ Long. $68^{\circ} 49'$

Depth 85 fath = 155 meters.

Fog. S.W. breeze, Smooth sea.

Depth	Therm. no	${}^{\circ}\text{C}$	@ ${}^{\circ}\text{C}$	c _{or}	c _{or T}	B _{ot}	W.S.
0					13.05		44
40	#1	8.72	16		8.09		"
100	R 154	7.2	14		7.04		"
145	R 158	6.34	10.5	-0.7 -0.8	6.27 6.26		"

20 zilk	0	1/2 hr	1 mile	
25 "	0	"	"	
Helgoland	120-0	"	"	
Luant.	140-0			

10251

Sta 10251 Aug 14 2 P.M.

Lat. $43^{\circ} 27'$ Long $69^{\circ} 39'$

Dept 85-fath = 155-meters

Clear, brisk SW breeze, smooth sea.

	Therm \pm	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	cor T	Bct	WS
0					16.56		
40	± 1	5.9	19		5.65	"	
100	R 154	4.45	19		4.1	"	
145	R 15.8 160	3.14 5.14	17	-21	4.93 4.93	"	

Color, green.

# 20 silk	0	1/2 hr	1 mile	
± 5 "	0	"	"	
Holgoland	100-0	"	"	

1 large fin-back, + 4 or 5 blackfish

1025-2

Sta 1025-2 Aug 15th 6 Am.Lat $42^{\circ} 57'$ Long. $70^{\circ} 18'$

Depth 77 fath = 141 meters.

Cloudy, light SW breeze, smooth sea.

Depth.	Therm. no.	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	cor T	Bst.	WS.
0	61.2				16.22		Yes
40	R 15-4	8	16.5		7.8	"	"
90	#1	4.8	10.5		4.64	"	"
130	R 15-4	3.82	11.5		3.66	"	"

No birds 1 large sunfish 1 shark, pollock jumping.

1025-3

Sta 1025-3 Aug. 22 10 Am.

Lat $42^{\circ} 29' 30''$ Long. $70^{\circ} 18'$

Depth 86 fath = 157 meters.

Clear, light NW. breeze, smooth.

Depth	Therm.	${}^{\circ}\text{C}$	${}^{\circ}\text{C}$	cor	cor T	Bat	WS.
0	R 160	6.5-5		-08	18.89		9-0
40	R 158	6.56	11	-08	6.47	"	"
100	R 154	4.83	13		6.48	"	"
140	#1	4.61	13.5		4.64		"
					4.49		"
20 silk	0		1/2 hr		1 mile		
#5 ..	0		"		"		
Helgoland	80-0		"		"		
Quant.	140-0						

10254

Sta 10254 Aug 22. 7-8.30 P.M.

Lat $42^{\circ}37'$ Long. $69^{\circ}38'$

Depth. 147 fath = 269 meters.

Clear, light S.W. breeze, smooth sea.

	Therm no	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$.	cor	corT.	Bat	WS.
0	#1	5.85	13		20		4 $\frac{1}{2}$
40	R 154	4.57	13.5		5.75		"
100	R 160	5.64	12.5	-12	4.36		no
150	R 158	6.95	13.5	-13	5.52	73.57	4 $\frac{1}{2}$
200	R 154	6.95	13.5		6.8		"
260	#1	7.20	14		7.09		"

#20 silk	#0	1/2 hr	1 mile	
#5 "	0	"	"	
Meter "	75=0	"	"	
Helgoland	225=0	"	"	
Island.	260=0			

1023-3-

Sta 1023-3 - Aug 23 8 Am.
 Lat $42^{\circ} 27'$ Long. $68^{\circ} 30'$
 Depth 100 fath = 183 meters
 Clas, light NE breeze smooth sea.

Depth	Therm no	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	cor T	Bdt	Ws.
0					19.17		
40	R 160 158	7.98	18	-.17 -.18	7.81 7.80		
100	S. V 298	4.25	22.5		3.95		
150	R 154	5.52	21		5.13		
175	#1	6.64	25.5		6.25		

20 miles	0	$\frac{1}{2}$ hr	1 mile
5 "	0	"	"
Helgoland	150-0	"	"
Luau.	175-0		

Shark on surface

10256

Sta 10256 Aug 23rd 11 PM.Lat. $41^{\circ}55'$ Long. $69^{\circ}25'$

Depth. 105 fath = 192 meters.

Clear, brisk S.W. wind, choppy sea.

Depth	Therm no	${}^{\circ}\text{C}$	@ ${}^{\circ}\text{C}$.	cor	cor T	Bat.	WS.
0					19.56		Yes
40	R 160 158	6.7	14	- .13	6.57	"	"
100	Sd 298	4.36	12		6.57	"	"
150	R 154	5.58	14	- .13	4.24	"	"
180	#1	5.8	14		5.38	"	"
					5.68	"	"

20 silk	0	1/2 hr	1 mile	
#5 "	0	"	"	
Helgoland	130-0	"	"	

10257

Sta 10257 Aug. 24 7Am.

Lat $41^{\circ}39'$ Long $69^{\circ}49'$

Depth 15 fath = 27 m.

Fog. light SSW. breeze. smooth sea.

Depth	Therm no	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$	cor.	corT.	Bot	ws.
0					20		40
25'	#1	6.9	13.5'		6.8		"

No nets.

1020-8

Sta 1020-8 Aug. 25. 1 P.M.

Lat $41^{\circ} 03'$ Long $70^{\circ} 51'$

Depth 19 fath = 34 meters

Clear, calm, smooth sea.

Depth.	Therm no	$^{\circ}\text{C}$	@ $^{\circ}\text{C}$	cor	CorT.	Bct.	WS.
0					19.72		
15	R 160	14.32	16	- .03	14.29	"	"
30	# 1	12.15	16.5		12.09	"	"

20 fath	0	1/2 hour	1 mile	
$\pm 5 "$	0	"	"	
Helgoland	20-0	"	"	

Hundreds of small gadoids + a few flounders in Hcl. net.

1025-9

Sta 1025-9 Aug. 25th 6 P.M.Lat. $40^{\circ} 34'$ Long. $70^{\circ} 46'$

Depth 34 fath. = 61 meters

Faint SW air, smooth sea.

Depth.	Therm. no	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	cor T	Bat	WS.
0					21.95	40	
25	+1	14.8	18		14.83	"	
55	R 160	9.8	16.5	-13	9.67	"	

20 fath	0	1/2 hr	1 mile	
± 5 "	0	"	"	
Helgoland	50-0			

10260

Sta 10260 Aug. 26th 6-9 Am.Lat $40^{\circ} 03'$ Long. $70^{\circ} 41'$

Depth 8 fath = 148 meters.

Cloudy, light SE breeze, smooth sea.

Depth	Therm no	${}^{\circ}\text{C}$	$\text{@ } {}^{\circ}\text{C}$	cor	cor T	Bat	Ws.
0					22.89		
40	R 158	13.75	18.5	- 08	13.67		"
100	# 1	11.75	18.5		11.63		"
140	R 160	11.55	17.5	- 10	11.45		"

20 sick	0	$\frac{1}{2}$ hr	1 mile	
5 "	0	"	"	
Meter "	60-0	"	"	
Helgoland.	120-0			
6-lim trawl.	148	3 hrs		Bait - salt bluebacks.

School of fin-backs + school of porpoises.

Caught only 2 tile-fish - nothing else.

♂ 18 lbs. ♀ 6 lbs., neither showing signs of sexual activity.

Nothing at all in stomachs or gut.

10261

Sta 10261 Aug. 26 at 12 m.

Lat. $39^{\circ} 54'$ Long. $70^{\circ} 43'$

Depth - No bottom at 200 fath = 455 meters.

Cloudy, light E breeze, smooth sea.

Depth.	Therm no	${}^{\circ}\text{C}$	@ ${}^{\circ}\text{C}$	cor	cor T	Bct. WS.
0					23.5-	Yes
100	R 158	13.18	19.5-	-12	13.06	"
200	S.V 298	12.04	18.5-		11.99	"
300	#1	10.10	19.5-		9.91	"
400	R 160	7.46	18.5-	-20	7.26	"

20 fath	0	1/2 hr	1 mile
5 "	0	"	"
meter "	400-0	3/4 "	"
Helgoland	400-0	"	"

10262

Sta 10262 Aug. 26 ~~at~~ 6 pm.Lat $40^{\circ}02'$ Long $70^{\circ}26'$ Depth 105 fath = 194 ~~feet~~ meters.

Fair. Light E wind, smooth sea.

Depth.	Therm no	${}^{\circ}\text{C}$	$@ {}^{\circ}\text{C}$	cor	cor T	Bct	WS.
0					21.89		Yes
40	S+V 298	13.12	17		13.07		"
100	#1	11.4	16		11.34		"
180	R 160	10.45	16	-10	10.35		"

No nets.

Set 6 line trawl for tile-fish, baited with salt-bluebacks and a few canned clams. Out about 2 hrs.

Took 19 tile-fish as follows.

Weight	Sex	Condition.	16 lbs. ♀ well advanced
30 lbs	♀	spent or barren.	15 " ♀ nearly ripe
13	♀	nearly ripe	16 " ♀ "
15	♀	" "	30 " ♀ spent
14	♀	" "	35 " ♀ "
13	♀	" "	
13	♀	" "	
13	♀	" "	
13	♀	well advanced.	Thus - only 1 ♂ among the lot!
30	♂	hard or spent.	
15-	♀	nearly ripe	Stomachs in most cases contained little or nothing,
16	♀	" "	mostly crabs, shrimps and small molluscs.
14	♀	" "	
14 1/2	♀	well advanced	
17	♀	" "	
13	♀	nearly ripe	

10263

Sta 10263 Aug. 27th 9 AM.Lat. $41^{\circ} 12'$ Long $70^{\circ} 57'$

Depth 18 fath = 33 meters.

Clear, light E wind, smooth sea.

Depth	Therm no	${}^{\circ}\text{C}$	${}^{\circ}\text{C}$	cor	cor T.	Bst	ws.
0					17.89		yo.
31	R 160	13.35	15.5	-0.5	13.30	"	

No nets.

10264

Sta 10264 August 28, 2 AM.

Lat. $42^{\circ} 09'$ Long. 70°

Depth, 53-45 fath = 96 - meters.

Clear, light SE breeze, smooth sea.

Depth	Therm. no	${}^{\circ}\text{C}$	$\text{@ } {}^{\circ}\text{C}$	con	cor T	Bat	ws.
0	62					16.67	40
30	#1	7.4	12	-06	7.34	"	
80	R 160	5.72	12	-11	5.61	"	

Fins