

81.

2311 ~~+~~ 2386

June 562 ~~+~~ June 589

1885

Jan 5th, 1855

Hyd 562

Sept 29

Bottom cro. S. bk. Sp.

Hyd 563

Sept 62

Bot. yl. S. bk. Sp.

Hyd 564

Sept 66

Bot. cro. S. bk. Sp.

Watch 15^m fast.

No. 2311 Date Jan 5, 1885

Tanner Machine. Reel.

Turns 75 Cor. + 4 Depth 79

Shot or lead 25 lb.

Bottom co. S. bk. sp.

Bottom temperature 59 $\frac{1}{4}$

No. of thermometer 53743 Cor. -.2

Corrected temperature 59.1

Air 69 Surface 72 Drift

Trawl or dredge Beam Trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	9-47-10	29-30
		100	54-15	20-45
		200	10-03-50	3-40
		300		22-50
		400		3-2
		500		18-35
		600		14-40
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		2000		
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 3100
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 3800
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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Trawl consisted of fish and small shells. One undescribed species of skate, several flounders.

Match 10^m fast

No. 2312

Date Jan 5 1885

Sigsbee Machine. Reel.

Turns 83 Cor. + 5 Depth 88

Shot or lead 25^{lb}

Bottom cr. s. bk. sp.

Bottom temperature 58

No. of thermometer 53743 Cor. - 2

Corrected temperature 57.8

Air 69 Surface 73 Drift

Trawl or dredge Beam trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-48-30	52-25	0	10-58-00	38-40
		50	4-30	5-10
49-40	50-45	100	11-02-30	36-30
		200	8-50	3-25
		250	06-25	31-55
		300	2-25	2-50
		400	08-50	29-55
		500	21-05	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hatch 15th fact

No. 2313

Date Jan 5/85

Tanner Machine. Reel.

Turns 93 Cor. + 6 Depth 99

Shot or lead 25^{lb}

Bottom cr. s. blk. sh. blk sh.

Bottom temperature 57.4°

No. of thermometer 53743 Cor.

Corrected temperature 57.2

Air 68.7 Surface 73 Drift

Trawl or dredge Beam Trawl

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-16-40	20-40	0	12-25-10	1-16.55
18-10	18-30	93 100	8-35	4-00
		200	34-15	1-12-55
		250	4-15	2-10
		300	38-30	1-10-45
		400	1-55	2-05
		500	40-25	1-08-40
		600	28-15	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2314 Date Jan 5/85

Sigsbee Machine. Reel. No 1

Turns 142 Cor. + 17 Depth 159

Shot or lead 35⁺

Bottom Cr. S. blk sh. brk sh.

Bottom temperature 47.7

No. of thermometer 53743 Cor. - .3

Corrected temperature 47.4

Air 70.3 Surface 69 Drift

Trawl or dredge Beam trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-06-30	15-20	0	3-19-20	01-25
08-00	13-40	100	⁴⁻⁰⁰ 23-20	2-40 58-45
8-45	11-45	142 ²⁰⁰	²⁻⁰⁰ 26-15	2-40 56-20
		300	³⁻⁰⁰ 29-15	2-20 54-00
		400 ³⁵⁰	³⁻⁰⁰ 32-50	1-40 52-20
		500		19-20
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W. ...

No. 2315 Date Jan 15/25

Tanner Machine. Reel.

Turns 35 Cor. + 2 Depth 37

Shot or lead 25[#]

Bottom brk. cor.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 75 Drift

Trawl or dredge beam trawl

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<u>2-24-40</u>	<u>26-10</u>	<u>0</u>	<u>2-26-20</u>	<u>3-02-40</u>
<u>25-30</u>	<u>25-40</u>	<u>35</u>	<u>7-00</u>	<u>3-50</u>
		<u>100</u>	<u>43-30</u>	<u>2-58-00</u>
		200		<u>15-10</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		2000		
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		2200		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Bottle specimens carried down
 and bottle same up carried.
 Some brownish material
 seen at 500 fath, 600, 700,
 and 800.*

March 8th 1880

No. 2316 Date _____
Sigsbee Machine. Reel. _____
 Turns 47 Cor. + 3 Depth 50

Shot or lead _____

Bottom dash sand with blunnet.Bottom temperature 74No. of thermometer 53743 Cor. -0Corrected temperature 74.0Air 77 Surface 75 Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

✓

28-10

0

3-45-00

11-40

27-00

27-15

47 100

56-40

10-40

200 11⁰⁰

300

400

500

600

700

800

900

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11
number of observations. General
velocity, numerous specimens seen
and large number of dead fish.
Last 25th lead and plankton had -

March 8th 1905

No. _____ Date Dec 10th

Tanner Machine. Reel.

Turns 43 Cor. + _____ Depth _____

Shot or lead _____

Bottom fine cnc

Bottom temperature 75°

No. of thermometer 53743 Cor. - .0

Corrected temperature 75.0

Air 77 Surface 75 Drift

Trawl or dredge L.B.Y

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	8-150	5-02-50
			7-16	3-20
31-00	21-30	43 100	46-05	50-31
		200	2-10	1-20
		300		158-00
		400		
		500		
		600		
		700		
		800		
		900		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Watch 8

No. *2318* Date *Jan 10/80*

Machine. Reel.

Turns Cor. + Depth *41*

Shot or lead

Bottom *brk. cor.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *77* Surface *75* Drift

Trawl or dredge *beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

120
200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10 - 20

2500
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 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2319 DateMachine. Reel.Turns 138 Cor. + 5 Depth 143Shot or lead 3Bottom gn. cor.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 71 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sp. Pentac, Corol. Sea water

No. 2220 Date

Machine. Reel.

Turns 125 Cor. + 5 Depth 130

Shot or lead 35

Bottom fine c.

Bottom temperature No. take

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 76 Drift

Trawl or dredge Janus

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

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3-15

5-20

5-25

9-25

2500
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 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *11* Date *11*
 Machine. Reel.
 Turns *220* Cor. + *10* Depth *30*
 Shot or lead *35*
 Bottom *fine*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *74* Surface *77* Drift
 Trawl or dredge *1/4*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	<i>2-50</i>	<i>2-50</i>
		200	<i>2-50</i>	<i>2-50</i>
		300	<i>2-50</i>	<i>2-50</i>
		400	<i>3-30</i>	<i>8-10</i>
		500	<i>12-15</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		2200		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1.5 to 2.0 knots Ely current.

Samples forcasts bottom - raised
 50 fms and cleaned around to

No. *2152* Date *6/21*
Sigsbee Machine. Reel.
 Turns *104* Cor. + *6* Depth *110*
 Shot or lead *35*
 Bottom *crs*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *75* Surface *77* Drift *E 1.2*
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>8</i>			0		
			100	<i>3-40</i>	<i>2-10</i>
			200	<i>4-10</i>	<i>2-00</i>
			300	<i>8-00</i>	<i>1-30</i>
			400	<i>17-11</i>	<i>1-15</i>
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
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			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
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 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

about 1.11.1907

No. 2025 DateMachine. Sigsbee Reel. 25"Turns 156 Cor. + 7 Depth 163 fms.Shot or lead 35 lbBottom wh & br. cr.Bottom temperature rec.

No. of thermometer

Cor.

Corrected temperature

Air 78Surface 78

Drift

Trawl or dredge

Sigsbee

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0-04-3010-45010-10-00435-408-301008-20446-206-30156 2002-15453002-05464003-25475003-154860070080090010001100120013001400150016001700180019002000210022002300240015-15

2500
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Last two bowls 100 cghts.

No. 2321 Date Jan 17 88Machine. Reel.Turns 31 Cor. + 2 Depth 33Shot or lead 2-1Bottom cll.Bottom temperature 79No. of thermometer 53743 Cor. + .2Corrected temperature 79.1Air 78 Surface 78 DriftTrawl or dredge Sample bucket S. N. V. Sample

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		2200		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hoove up immediately after tangled

No. 2020 Date Nov 17
Janner Machine. Reel.
 Turns 163 Cor. + 7 Depth 170 fms
 Shot or lead 20
 Bottom S. S. M.
 Bottom temperature 32.2, 32.2
 No. of thermometer 8748 Cor.
 Corrected temperature
 Air 78.5 Surface 78 Drift
 Trawl or dredge Tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3-30

3-30

2-15

8:40

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *25* Date *Jan 11 1881*

Machine. Reel.

Turns *185* Cor. + *9* Depth *194*Shot or lead *25*Bottom *br. cre.*Bottom temperature *62.1*No. of thermometer *58* Cor. *-.1*Corrected temperature *62*Air *79* Surface *78* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12-15-15

0

3-40

100

*10-20**20* 200*2-15*

300

6-00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

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2100

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2327 Date Jan 17, 1885. P.M.

James Machine. Reel.

Turns 175 Cor. + 7 Depth 182

Shot or lead 25^{lb}

Bottom fine s.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 80 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-3		0		
14		100	2-00	3-30
		200	3-20	4-15
		300	4-15	5-00
		400	5-20	5-50
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		1500		
		1600		
		1700		
		1800		
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		2200		
		2300		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2328 Date Jan 17/85 P.M.

Sigsbee Machine. Reel.

Turns 194 Cor. + 9 Depth 203

Shot or lead 25^{lb}

Bottom fine gy. c.c.

Bottom temperature 58.5

No. of thermometer 53743 Cor. -.2

Corrected temperature 58.3

Air 81 Surface 75[°] Drift

Trawl or dredge Lancelot

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-11-00	18-30	0	2-11-20	
-30	16-35	100	3-50	
14-10	14-15	194 200	18-10	
		300	4-50	
		400	23-00	rope parted
		500	2-25	
		600	25-00	301-37
		700	9-00	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Tangles found between 2500 and 3000
 when 500 fms. were still towing 50 fms
 down rope, however, have used basket,
 shackle and thimble.*

No. 2329 Date Jan 17 '85 pm

Tanner Machine. Reel.

Turns 112 Cor. + 6 Depth 118

Shot-or-lead 25

Bottom wh. cil.

Bottom temperature 76.6 taken

No. of thermometer Cor.

Corrected temperature

Air 81 Surface 75 Drift

Trawl or dredge Tanner

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>2-15-00</u>	<u>48-50</u>	0	<u>3-06-45</u>	<u>34-25</u>
<u>46-10</u>	<u>47-00</u>	100	<u>9-15</u>	<u>34-40</u>
<u>1-1-00</u>	<u>46-30</u>	112 200	<u>12-30</u>	<u>35-15</u>
		300 <u>25</u>	<u>19-10</u>	<u>30-00</u>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2330 Date Jan 17 '85 - 6 AM

Tanner Machine. Reel.

Turns 115 Cor. + 6 Depth 121

Shot or lead 25

Bottom fine gy. slt

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 81 Surface 75 Drift

Trawl or dredge Shingles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

110 200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3-55-00

3-45

5-15

+01

9-10

2-25

02-20

12-30

2-15

2-00

8-15

1-25

6-50

1-20

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2331 Date Jan 11
 Machine. Reel.
 Turns 108 Cor. + Depth
 Shot or lead 20
 Bottom c
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air 80 Surface 75 Drift
 Trawl or dredge Jan

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	2-25	35-10 2-20
		200	4-10	23-10
		300	5-10	3-00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2022 Date 2/10

Machine. _____ Reel. _____

Turns 149 Cor. + 7 Depth _____

Shot or lead _____

Bottom S. G. M. G.

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 73 Surface 75 Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

3-20

2-10

100

3-15

2-45

200

3-20

3-20

300

7-50

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1000 Date

Tanner Machine. Reel.

Turns 102 Cor. + 7 Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 73

Surface 75

Drift

Trawl or dredge

Jangle

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	2-1-30	0	2-1-20	5-3-50
		100	+10 32-20	2-20 56-30
		2-200	+10 26-25	5-00 59
		300 ²⁷	+10 29-25	4-01 47-07
		400		7 ³¹
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 25014 Date "11/11/11" 11

Machine. Reel.

Turns 63 Cor. + 11 Depth 63

Shot or lead

Bottom wh. cr.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 74 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11 00	31-30
	00-30	63 100	14 45	29
		200	20 00	25 4
		300		240
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2225* Date _____

Machine. _____ Reel. _____

Turns *195* Cor. + *9* Depth _____

Shot or lead *25 lb*

Bottom *fine sand*

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air *76* Surface *77* Drift _____

Trawl or dredge *Sigsbee*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
<i>05-45</i>	<i>20-15</i>	100	<i>12-30</i>	<i>48-00</i> <i>2-25</i>
		200	<i>1-10</i>	<i>45-34</i> <i>1-11</i>
		300	<i>0-20</i>	<i>2-10</i>
		400	<i>10-40</i>	<i>1-30</i>
		500		<i>8-30</i>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Wire jumped reel when sand struck

No. 2226 Date Jan 19th 1881

Tanner Machine. Reel.

Turns 151 Cor. + 6 DepthShot or lead 18 lbBottom cl.Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

151 200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10

5-55

16-00

6-30

6-50

172-70

40-30

8-15

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

10 brought up 3 spec. *Pentaceros* now

sample 1 =

No. *100* Date *Jan 10*

Janner Machine. Reel.

Turns *190* Cor. + *9* Depth

Shot or lead *12 lb*

Bottom *cl.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *Long*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Handwritten notes in the Dredge Rope column:
 1-00
 2-30
 3-20
 4-10
 5-00
 6-10
 7-20
 8-30
 9-40
 10-50
 11-00
 12-10
 13-20
 14-30
 15-40
 16-50
 17-00
 18-10
 19-20
 20-30
 21-40
 22-50
 23-00
 24-10

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2338* Date *Nov 17 1922**Tanner* Machine. Reel.Turns *180* Cor. + *4* Depth *184*

Shot or lead

Bottom *cr.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *79*Surface *78*

Drift

Trawl or dredge *J.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	<i>2.00</i>	<i>2.30</i>
		200	<i>2.45</i>	<i>2.20</i>
		300	<i>3.10</i>	<i>2.00</i>
		400		<i>1.10</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

35 spec. *Leptocarpus*

No. 2337 Date: _____

Tanner's Machine. Reel.

Turns 183 Cor. + 2 Depth 191Shot or lead 14 lbBottom cl

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3-30

50-10

3-50

4-15

3-40

50

1-2

17-00

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

exhibiting considerable warming and heating
 than it - dragged very little

No. 2040 Date Jan 19 1891Sigsbee Machine. Reel.Turns 224 Cor. + 10 Depth 234Shot or lead 14 lbBottom crsBottom temperature 11.5

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 80 Surface 78 Drift _____Trawl or dredge Trawler

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
1-35-30	41-10	0	1-43-30	9-16
36-45	40-10	100	2-40	2-10
38-00	38-55	200	3-10	07-07
38-25	38-30	224/300	50-20	05-00
		400	2-00	10
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Sample came up clean showing
 that they had not been on the*

No. 2341 Date Jan 19Machine. Reel.Turns 137 Cor. + 6 Depth 143Shot or lead 14 lbBottom cc.Bottom temperature 71.1

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1/1
 Last two seconds, but had up
 a good number
 a

No. 2842 Date Jan 19th 1912

Tanner Machine. Reel.

Turns 192 Cor. + 9 Depth 201

Shot or lead 14^{lb}

Bottom cor

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 78 Surface 78 Drift

Trawl or dredge Tangle.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	2-10	
		200	2-30	
		300	1-50	
		400	6-10	2-5
		500	1	2-10
		600		10-20
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

3000 f. pentacrinus

No. *2343* Date *June 19*

Machine. Reel.

Turns *266* Cor. + *10* Depth *279*Shot or lead *14 lb*Bottom *fine cor.*Bottom temperature *Not taken*

No. of thermometer Cor.

Corrected temperature

Air *78* Surface *78* DriftTrawl or dredge *Langley*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100	<i>3-10</i>	
<i>40</i>	<i>38-30</i>	200	<i>46-10</i>	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *190* Date *Feb 19 1902*

Sigsbee Machine. Reel.

Turns *190* Cor. + *9* Depth *199*

Shot or lead *14*

Bottom *br. crl.*

Bottom temperature

No. of thermometer Cor. + *2*

Corrected temperature *79.2*

Air *78* Surface *78* Drift

Trawl or dredge *5' long*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
<i>40-30</i>	<i>41-00</i>		<i>2-10</i>	<i>2-10</i>
		100	<i>2-20</i>	<i>2-25</i>
<i>42-00</i>	<i>45-40</i>		<i>2-30</i>	<i>2-35</i>
		200	<i>2-40</i>	<i>2-45</i>
<i>43-15</i>	<i>44-15</i>	<i>103</i>	<i>2-50</i>	<i>2-55</i>
		300	<i>3-00</i>	<i>3-05</i>
		400	<i>3-10</i>	<i>3-15</i>
		500	<i>3-20</i>	<i>3-25</i>
		600	<i>3-30</i>	<i>3-35</i>
		700	<i>3-40</i>	<i>3-45</i>
		800	<i>3-50</i>	<i>3-55</i>
		900	<i>4-00</i>	<i>4-05</i>
		1000	<i>4-10</i>	<i>4-15</i>
		1100	<i>4-20</i>	<i>4-25</i>
		1200	<i>4-30</i>	<i>4-35</i>
		1300	<i>4-40</i>	<i>4-45</i>
		1400	<i>4-50</i>	<i>4-55</i>
		1500	<i>5-00</i>	<i>5-05</i>
		1600	<i>5-10</i>	<i>5-15</i>
		1700	<i>5-20</i>	<i>5-25</i>
		1800	<i>5-30</i>	<i>5-35</i>
		1900	<i>5-40</i>	<i>5-45</i>
		2000	<i>5-50</i>	<i>5-55</i>
		2100	<i>6-00</i>	<i>6-05</i>
		2200	<i>6-10</i>	<i>6-15</i>
		2300	<i>6-20</i>	<i>6-25</i>
		2400	<i>6-30</i>	<i>6-35</i>

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2343 Date _____

Machine. _____ Reel. _____

Turns 176 Cor. + 8 Depth 184

Shot or lead 14

Bottom fine, gy

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 84 Surface 78 Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Handwritten notes in the Dredge Rope columns:
 1-20
 2-20
 3-20
 12-20

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very successful haul.
76 sp.

No. 2046 Date June 20 7/2, 1914.Sigsbee Machine. Reel.Turns 191 Cor. + 9 Depth 200Shot or lead 14 lb.Bottom sl.Bottom temperature 14.6 taken.

No. of thermometer Cor.

Corrected temperature

Air 83 Surface 78 DriftTrawl or dredge Sigsbee

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1-31</u>	<u>28-50</u>	0	<u>1-3</u>	<u>2</u>
<u>24-40</u>	<u>27-25</u>	100	<u>35-10</u>	<u>59-30</u>
		200	<u>2-10</u>	<u>2-00</u>
		300	<u>3-50</u>	<u>3-00</u>
		400	<u>12-00</u>	
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
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 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3347 Date Jan 20

Tanner Machine. Reel.

Turns 207 Cor. + 9 DepthShot or lead 14 lbBottom Orl.Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 82 Surface 78 DriftTrawl or dredge Wangler

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>10-45</u>	<u>18-00</u>	<u>0</u>	<u>22-50</u>	<u>25-10</u>
<u>11-40</u>	<u>16-15</u>	<u>100</u>	<u>25-20</u>	<u>2-20</u>
<u>12-10</u>	<u>13-45</u>	<u>200</u>	<u>28-50</u>	<u>2-15</u>
<u>12-45</u>	<u>12-55</u>	<u>207 300</u>	<u>31-30</u>	<u>2-20</u>
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Some sea life, one small coral specimen & sponge

No. 2848 Date _____
 Machine. _____ Reel. _____
 Turns 202 Cor. + 9 Depth 111
 Shot or lead 14
 Bottom crl
 Bottom temperature 76.2
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air 82 Surface 78 Drift _____
 Trawl or dredge Van Dine

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

202 200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3-00

1:

2-00

4-30

30-00

2-00

1-00

0-00

0-00

0-00

0-00

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date _____
 Turns 174 Cor. + 8 Machine. _____ Reel. _____
 Depth 182
 Shot or lead 14
 Bottom cl.
 Bottom temperature 72.1
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air 82 Surface 78 Drift _____
 Trawl or dredge Tangle

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
1-00	53-41	0		
2-00	54-11	100	2-50	2-00
3-00	53	200	3-50	2-50
		300	5-00	3-50
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 2800
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 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2500 Date Nov 20 p.m.

Tanner Machine. Reel:

Turns 204 Cor. + 9 Depth 213

Shot or lead

Bottom cl

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 81.5 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		34-70
		100	<u>5-10</u>	<u>2-30</u>
<u>37-50</u>	<u>40-40</u>	200	<u>40-20</u>	<u>1-10</u>
		300	<u>+40</u>	<u>2-10</u>
		400	<u>5-10</u>	<u>2-20</u>
		500	<u>2-20</u>	<u>1-40</u>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Water temperature 2500 fathoms 1000000
 sea conditions*

No. 2351 Date

Machine. Reel.

Turns 110 Cor. + Depth 6

Shot or lead 25 lb

Bottom sand

Bottom temperature last therm.

No. of thermometer Cor.

Corrected temperature

Air 78 Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	3-15	
		200	3-20	2-50
		300	2-55	2-30
		400	3-00	2-10
		500	2-45	3-05
		600	2-45	2-10
		700	3-20	3-30
		800	2-45	11-10
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

25 to 100

Station 2000

No. 2352 Date

Sigsbee Machine. Reel.

Turns Cor. + 40 Depth

Shot or lead 35

Bottom wh. crl.

Bottom temperature 45.2

No. of thermometer 58701 Cor. - .2

Corrected temperature 45

Air 74 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

69

0

11-48-00
3-50

57-00
2-50

100

54-25
2-20

200

52-10
2-10

300

58-10
2-50

49-50
3-00

400

1-55
2-50

47
2-50

500

1-55
4-00

46-25
4-00

600

4-00
2-40

32-15
6-45

700

2-30
2-40

25-00

800

10-10

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2853 Date Jan 22 1891

Sigsbee Machine. Reel. 1

Turns 1 Cor. + 17 Depth 17

Shot or lead 60

Bottom coral

Bottom temperature 63

No. of thermometer 53735 Cor. - .2

Corrected temperature 62.8

Air Surface Drift

Trawl or dredge Young cov.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

31 20

6-15

30-40

0

12-40

2-30

2-30

17-25

29-30

100

3-40

2-50

2-30

47-30

48-50

No 200

6-30

2-40

3-00

300

8-50

2-10

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

spec. bottle up 5 fms. sea

W. H. H.

17 20th June

No. 2354 Date 1921 8-21 11-117

Machine. _____ Reel. _____

Turns _____ Cor. + _____ Depth 130 1/4 fms

Shot or lead _____

Bottom _____

Bottom temperature Hot water

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 80.2 Surface 78 Drift _____

Trawl or dredge S.B.V.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

30

searched the
area 40' to 45'
mean between pro-
visions & next haul.
10 soundings
after.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	10-40-30	10-3-6
		100	44-00	07-10
		200	49-10	05-1
		300	53-40	11-02-1
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1. The Secchi disk was lowered to 100 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 200 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 300 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 400 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 500 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 600 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 700 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 800 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 900 fathoms, where it was raised and the water was found to be clear. The Secchi disk was lowered to 1000 fathoms, where it was raised and the water was found to be clear.

March 23rd 1881

No. 565 (Hyd) Date Jan 22 1881

Sigsbee Machine. Reel. 1

Turns 83 Cor. + 9 Depth 92

Shot or lead 35" lead

Bottom cre.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Vilck 82^m feet

No. 2306 Date Jan 22 1902

Sigsbee Machine. Reel.

Turns 360 Cor. + 39 Depth 399

Shot or lead 30 lb

Bottom yf. oz.

Bottom temperature 11.1

No. of thermometer Cor.

Corrected temperature

Air 83 Surface 78 Drift SE - 1'

Trawl or dredge S. H.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
12-00-00	16-20		18-30	16-30
21-10	15-20	100	22-30	14-30
2-40	14-15	200	28-10	2-10
9-20	13-00	300	32-20	2-10
10-20	12-15	360 400	35-05	1-50
		500	37-40	2-50
		600	40-20	2-50
		700	43-50	2-50
		800	46-10	1-50
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
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 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Seam forced bottom, frame and ropes came up all O.K. but

No. 2356 Date Jan 27 1911

Tanner Machine. Reel.

Turns 131 Cor. + Depth

Shot or lead 18 lb

Bottom fine wh. c.

Bottom temperature None taken

No. of thermometer Cor.

Corrected temperature

Air 52 Surface 52 Drift

Trawl or dredge None

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1-30</u>		0	<u>1-30-30</u>	<u>58-25</u> 3-30
<u>1-30</u>	<u>1-20</u>	100	<u>11-40</u> 3-10	<u>58-25</u> 3-05
<u>1-30</u>		200	<u>44-50</u>	<u>20</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

atom dead coral - no life

No. 2000 Date Mar 27 1921Sigsbee Machine. Reel. 1Turns 160 Cor. + Depth 178Shot or lead 35Bottom wh. cor.Bottom temperature No. of thermometer Cor. Corrected temperature Air 81 Surface Drift Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
07-15	10-25	0	2-11-00	44-15
8-20	10-40	100	3-45	40-15
9-05	9-	160 200	14-45	38-00
		300	2-20	2-20
		400	4-40	2-40
		500	21-55	32-45
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
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 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

One star fish; bnd. coral (dead)
 dead shells; ...
 one small ... U

No. *20* Date *Jan 29th 1892*
 Machine. Reel. *1*
 Turns *200* Cor. + *2-1* Depth *222*
 Shot or lead *35 lb*
 Bottom *Spec. sh.*
 Bottom temperature *11*
 No. of thermometer Cor.
 Corrected temperature
 Air *52* Surface Drift
 Trawl or dredge *S. 1*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>3-05-30</i>	<i>46-35</i>
		100	<i>5-40</i>	<i>2-40</i>
		200	<i>14-45</i>	<i>13-55</i>
		300	<i>3-30</i>	<i>2-00</i>
		400	<i>17-15</i>	<i>41-21</i>
		500	<i>3-05</i>	<i>2-00</i>
		600	<i>17-15</i>	<i>38-40</i>
		700	<i>2-50</i>	<i>2-00</i>
		800	<i>20-40</i>	<i>35-35</i>
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Serial /
Temperature /
Observations /
Notes /

Serial
Temperature

No. 2359 Date June 29 1911

Sigsbee Machine. Reel. 1

Turns 208 Cor. + 23 Depth 231

Shot or lead 35 lb

Bottom wh. crc

Bottom temperature 50.8

No. of thermometer 53735 Cor. 0

Corrected temperature 50.8

Air 84.5 Surface 78 Drift

Trawl or dredge S. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

1 06-40 13-15
 1 05 11-5
 9-10 10-1

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400

DREDGE ROPE. (29)

DOWN.

UP.

42-55
 3-40 2-55
 2-55 2-35
 2-25 1-50
 2-20 2-55
 20-50 49-11

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Several shrimp 12 sp

No. 2360 Date Jan 30th a.m.
Tanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead

Bottom wh. cre.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge Sauger

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		16-50
		100	7-58-00	14-50
		100	2-20	12-50
		100	8-00-20	13-50
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

200 fms. yesterday - broken cases.

No. 2361 Date Jan 30th am.
 Tanner Machine. Reel.
 Turns 24 Cor. + 1 Depth 25
 Shot or lead 18 lb.
 Bottom coral sands.
 Bottom temperature Not taken
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air 80 Surface 78 Drift _____
 Trawl or dredge S. B. J.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		<u>20-30</u>
<u>8-45-00</u>	<u>46-00</u>		<u>8-49-00</u>	<u>1-09-30</u>
			<u>3-30</u>	<u>2-30</u>
<u>115-20</u>	<u>45-30</u>	<u>24 100 80</u>	<u>8-52-00</u>	<u>9-07</u>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

3 fish in, two flounders, sea herring, one not common sp!

No. 2362 Date Jun 50 am

Machine. Reel.

Turns Cor. + Depth 20

Shot or lead

Bottom cre. s.

Bottom temperature None taken

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge S B J

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

Assumed depth to
be same as pre-
ceding haul.

0

100 80

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

20-20
4-15-20 28-20
2-10 1-10
20-20 37-20

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Several of fish, live shells,
 shrimp, sponges, etc.

No. 2363 Date Jan 30 am.

Tanner Machine. Reel.

Turns 20 Cor. + 1 Depth 21Shot or lead 18 lbBottom wh. & s. crl.Bottom temperature Not takenNo. of thermometer Cor. ✓

Corrected temperature

Air 78.3 Surface 77 DriftTrawl or dredge S B J

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10-37-50 10-38-30

0

11-08-00

17-00

38-00

38-10

20 100

11-11-50

14-10

200

300

Put over lines and
caught one fish.

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Watch 13^m fast.

No. 2364 Date Jan 30th a.m.

Tanner Machine. Reel.

Turns 21 Cor. + 1 Depth 22

Shot or lead

Bottom cor. s.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 77 Drift

Trawl or dredge 8 1/2

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-36-50	37-45	0	1-31-25	48-45
37-N	37-20	21 10070	38-10	46-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put over fish lines and took a number of red groupers - many good.

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2365 Date Jan 20 1880
Sigsbee Machine. Reel.

Turns 23 Cor. + 1 Depth 24

Shot or lead 18 lb.

Bottom wh. s. cal.

Bottom temperature Not taken.

No. of thermometer Cor.

Corrected temperature

Air 79 Surface 77 Drift

Trawl or dredge S. S. J.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
3-13-30	14-25		10-10	14-15-10
13-50	13-55	23 10080	25-30	12-10
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Very good haul. Bottom life
 very abundant. From 1000 fms.
 Twenty ft. below.*

No. 2366 Date Jan 30 1881
~~Tanner~~ Machine. Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead 18 lb

Bottom fm. wh. cre.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 77 Surface 76 Drift

Trawl or dredge S. B. J.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4-52-00</u>	<u>52-45</u>	<u>0</u>	<u>52-50</u>	<u>18-35</u>
<u>52-20</u>	<u>52-20</u>	<u>26 100</u>	<u>52-55</u>	<u>18-25</u>
		<u>200</u>	<u>52-55</u>	<u>18-10</u>
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Small catch

No. *2567* Date *Jan 31 / 1912*
Tanner Machine. Reel.

Turns *118* Cor. + *6* Depth *124*

Shot or lead *18 lb.*

Bottom *wh. crl.*

Bottom temperature *Not taken*

No. of thermometer Cor.

Corrected temperature

Air *75* Surface *76* Drift

Trawl or dredge *S-137*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		<i>49-40</i>
<i>6-21-45</i>	<i>35-35</i>		<i>2-6-40</i>	<i>2-55</i>
<i>23-15</i>	<i>34-10</i>	100	<i>2-8-45</i>	<i>2-55</i>
<i>33-30</i>	<i>33-35</i>	<i>118</i> 200	<i>2-1-45</i>	<i>3-0-50</i>
		300 <i>2-10</i>	<i>2-5-50</i>	<i>1-50</i>
		400	<i>6-3-50</i>	<i>7-19-50</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No evidence of bottom water.

16771

No. *66* Date *July 7th 1911*

Tanner Machine. Reel. _____

Turns *15* Cor. + *1* Depth *16*

Shot or lead *18 lb*

Bottom *fine white s.*

Bottom temperature *Not taken*

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air _____ Surface _____ Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

5-45-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

a.m.

No. *411* Date *Feb 7th / 55*

Tanner Machine. Reel.

Turns *15* Cor. + *1* Depth *16*

Shot or lead *18 lb.*

Bottom *fine wh. s.*

Bottom temperature *Not taken.*

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6-25-00

0

15 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 38 (K.L. Date Feb 7 1885 a.m.)Tanner Machine. Reel.Turns 14 1/2 Cor. + DepthShot or lead 15 lbBottom blk. s. fine sh.Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-55-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 569 Date Feb 7th a.m.

Tanner Machine. Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead

Bottom gy. s. bk. s. sh.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-11-01

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hyd 1111* Date *Feb 7 '00* a.m.

Janner Machine. Reel. *-*

Turns *29* Cor. + _____ Depth *30*

Shot or lead

Bottom *crs. gy. blk s. blk sh.*

Bottom temperature *Not taken.*

No. of thermometer _____ Cor. _____

Corrected temperature

Air _____ Surface _____ Drift _____

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-00-00</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2368 Date Feb 7th 1881

Tanner Machine. Reel.

Turns 27 Cor. + 1 Depth 28

Shot or lead 18 lb

Bottom cr. gy. s. brk. sh.

Bottom temperature 44.6 taken

No. of thermometer Cor.

Corrected temperature

Air 60 Surface 64 Drift

Trawl or dredge Langlois

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-11-00		0	12-20-00	12-38-00
		27 100 60	27-00	36-17
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Nothing caught.

Match 12^m first.

No. 2369

Date July 7th / 85

Sigsbee

Machine.

Reel.

Turns 255 Cor. +

Depth 26

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 60

Surface 64

Drift

Trawl or dredge

L. B. J.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

Assumed depth;

0

12-58-15

13-00

No sounding taken.

1006:

1-00-00

11-10

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1/2 doz. spores prob, in holochinam,
 dead shells, ascidian, worms,
 in sp. *C. fuscata*, *serici*
 crabs, etc.

March 12th 1880

No. 2370 Date Feb 7 p.m.

Lanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25

Shot or lead 18 lb.

Bottom crs. gy. s, brk. sh.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 65 Surface 64 Drift

Trawl or dredge L. B. J

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-27-10		0	1-30-15	18-30 48-30
28-25		24 100 80	32-35	46-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Crunch trail up large quantities dead shells, and coral corals with small bottom life, octopods, worms, etc.
 A few living shells and one small fish.
 Dead bottom.

No. 2371 Date Feb 7 1911

Janner Machine. Reel.

Turns 24 1/2 Cor. + 1 Depth 26

~~Shot or lead~~ 18 lb.

Bottom gy. s. bk. sh.

Bottom temperature 66

No. of thermometer 53735 Cor. -.2

Corrected temperature 65.8

Air 64.5 Surface 65.5 Drift

Trawl or dredge L. 10. 7.

SOUNDING WIRE.

DOWN.

UP.

2-16-20

18-00

16-40

17-50

TURNS.

0

24 100 7 1/2

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

2-22

34-45

2-50

4-45

2-45

30-00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Found fossils bottom and here
the net. Live bottom. Several
species surface bottom fish. Numerous
Hydroids, sponges, corals, and
dead shells with small life.

No. 2372 Date Feb 7 P.m.

Tanner Machine. Reel.

Turns 26 Cor. + 1 Depth 27Shot or lead 18 lbBottom gravel.Bottom temperature Not taken.

No. of thermometer Cor.

Corrected temperature

Air 64.5 Surface 64.5 DriftTrawl or dredge L. 15.5

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2-47-3048-2502-55-5029-1015-0048-0048-0526 1005058-103-13-00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Larvae quantities deep shells coral
containing small forms bottom life

No. 2373 Date Feb 7th / 85

Machine. _____ Reel.

Turns 24 Cor. + 1 Depth 25

Shot or lead

Bottom fine, cor.Bottom temperature Not taken

No. of thermometer _____ Cor.

Corrected temperature

Air 64.5 Surface 64.5 DriftTrawl or dredge L.B.V.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-26-30	2-7-15	0	3-40-00	58-30
1-50		24 10080	3-15	2-05
		200	3-13-15	56-30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very successful haul, comprising
 various fish; star fish, sea urchin,
 crabs, shrimp, worms, and
 quantities of dead shells
 several sea-horses

No. 2374 Date Feb 7 p.m.

Lucas Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 48 lb

Bottom S. gravel, brk. sh.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 63 Surface 65 Drift

Trawl or dredge L. No. 7

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<u>4-30-25</u>	<u>27-45</u>	<u>0</u>	<u>4-30-25</u>	<u>25-45</u>
<u>27-25</u>	<u>27-25</u>	<u>25 100 80</u>	<u>32-30</u>	<u>56-15</u> <u>2-15</u>
		<u>200</u>		<u>54-15</u>
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

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 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Some chemical analysis

No. 2375 Date July 7 1882

Sigsbee Machine. Reel.

Turns 29 Cor. + 1 Depth 30

Shot or lead 18 lb

Bottom S. bk. sh. fine. sh.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air 62 Surface 65 Drift

Trawl or dredge 2 MB 5

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>15-17-20</u>	<u>16-11-</u>	0	<u>5-25-30</u>	<u>37-15</u>
<u>16-11-</u>		29 100	<u>5-25-30</u>	<u>3-15</u>
		200		<u>5-36-00</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
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		2200		
		2300		
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 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *571* Date *Feb 10 1871*
Hammer Machine. Reel.

Turns Cor. + Depth *34*

Shot or lead

Bottom *1. M.S.*

Bottom temperature *61*

No. of thermometer *53735* Cor. *- 2*

Corrected temperature *60.8*

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.43.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 572 1151, Date Feb 11th 1872,
Jamez Machine. Reel.

Turns 42 Cor. + _____ Depth 43

Shot or lead 18 lb.

Bottom Crs. gy. S.

Bottom temperature 61

No. of thermometer 53735 Cor. - .2

Corrected temperature 60.8

Air 43 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>12-35</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 573 Date Feb 11 1911

Tanner Machine. Reel.

Turns 95 Cor. + 4 Depth 99Shot or lead 18 lbBottom blk. mud.Bottom temperature 59°No. of thermometer 50705 Cor. - .1Corrected temperature 58.9Air 43 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1-14-00</u>	<u>18-00</u>	<u>0</u>		
<u>15-30</u>		<u>95</u>		
		<u>100</u>		
		<u>200</u>		
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

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 3100
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 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 574 Date Feb 11th 1881Sigsbee Machine. Reel.Turns 200 Cor. + 6 Depth 206Shot or lead 75 18 lb.Bottom blk. mudBottom temperature 49No. of thermometer 53735 Cor. -.1Corrected temperature 48.9Air 43 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1-52-002-12-00

0

56-30

100

54-45

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 571 Date Feb 17 1881 AM

Tanner Machine. Reel.

Turns 354 Cor. + 8 Depth 362

Shot or lead

Bottom blk. m.

Bottom temperature 43.5

No. of thermometer 53735 Cor. -.3

Corrected temperature 43.2

Air 43.5 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-36-30	52-15	0		
37-45	47-30	100		
38-55	44-20	200		
40-10	42-30	300		
40-55		354-100		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 576 Date Feb 11/21
Sigsbee Machine. Reel. 1

Turns 542 Cor. 1 57 Depth 541

Shot or lead 25

Bottom gy. m.

Bottom temperature Wactator

No. of thermometer 50705 Cor.

Corrected temperature

Air 44 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>3-33-45</u>	<u>54-50</u>	0		
<u>35-40</u>	<u>53-20</u>	100		
<u>37-10</u>	<u>51-50</u>	200		
<u>39-15</u>	<u>50-15</u>	300		
<u>41-10</u>	<u>48-40</u>	400		
<u>43-1</u>	<u>46-30</u>	500		
<u>45-10</u>		<u>542</u> 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 577 Date Feb 11th 11.30.
 Sigsbee Machine. Reel. 1
 Turns 670 Cor. + 70 Depth 740
 Shot or lead 35-lb.
 Bottom blue mud
 Bottom temperature 40
 No. of thermometer 53735 Cor. -.3
 Corrected temperature 39.7
 Air 53 Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	8 ³ -45	0		
	7-35	100		
	6-30	200		
	05-35	300		
	11-04-20	400		
		500		
4-5-10-15-20-25-30-35-40-45-50-55-60-65-70		600		
		670		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H-4d 578* Date *16-11-1900*
Sigsbee Machine. Reel. *1*
 Turns *632* Cor. + *66* Depth *698*
 Shot or lead *35 lb*
 Bottom *gy. m.*
 Bottom temperature *40*
 No. of thermometer *53735* Cor. *- .3*
 Corrected temperature *39.7*
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-49-45</i>	<i>9-30</i>	0		
	<i>8-50</i>	100		
<i>52-10</i>	<i>7-10</i>	200		
<i>53-30</i>	<i>5-55</i>	300		
<i>54-35</i>	<i>4-35</i>	400		
<i>56-10</i>	<i>3-05</i>	500		
<i>57-45</i>	<i>6-01-20</i>	600		
		<i>632</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. And 579 Date Feb 11 a.m.

Sigsbee Machine. Reel. 1

Turns 677 Cor. + 70 Depth 747

Shot or lead 35 lb

Bottom gy. m.

Bottom temperature 40

No. of thermometer 5373 v Cor. - .3

Corrected temperature 39.7

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-00-10		0		
6-40	23-40	100		
7-40	22-40	200		
8-50	21-30	300		
	20-10	400		
11-10	18-40	500		
12-00	17-00	600		
11-00	15-00	677/700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 553 Date July 11 1891

Sigsbee Machine. Reel.

Turns 553 Cor. + 58 Depth 611

Shot or lead 35-lb.

Bottom gy. m.

Bottom temperature 40.5

No. of thermometer 543735 Cor. - .3

Corrected temperature 40.2

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>8-07-45</u>	<u>0</u>	0		
	<u>23-00</u>	100		
<u>9-15</u>	<u>21-00</u>	200		
<u>11-15</u>	<u>19-00</u>	300		
<u>12-20</u>	<u>17-00</u>	400		
<u>13-25</u>	<u>15-00</u>	500		
<u>14-30</u>	<u>13-00</u>	<u>553</u> 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
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		2100		
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 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1581 Date Feb 11 1871
Sigsbee Machine. Reel.
 Turns 669 Cor. + 70 Depth 739
 Shot or lead 35[#]
 Bottom gn. m.
 Bottom temperature Not taken
 No. of thermometer Cor.
 Corrected temperature
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<u>9-25</u>	<u>43-35</u>	<u>0</u>		
<u>2-25</u>	<u>42-25</u>	<u>100</u>		
<u>27-25</u>	<u>41-15</u>	<u>200</u>		
<u>23-25</u>	<u>40-25</u>	<u>300</u>		
<u>30-25</u>	<u>39-15</u>	<u>400</u>		
<u>31-25</u>	<u>38-25</u>	<u>500</u>		
<u>33-25</u>	<u>36-45</u>	<u>600</u>		
<u>35-25</u>	<u>35-55</u>	<u>669</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 582 Date July 11 1891
 Sigsbee Machine. Reel.
 Turns 518 Cor. + 55 Depth 573
 Shot or lead 35
 Bottom gn. m.
 Bottom temperature 40.2
 No. of thermometer 53735 Cor. - .3
 Corrected temperature 39.9
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-06-20	20-30	0		
7-10	19-30	100		
8-15	18-30	200		
9-20	17-30	300		
10-25	16-30	400		
11-30	15-30	500		
12-35	14-40	518		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

77 19th / 1901.

No. 583 Date Feb 11 p.m.

Sigsbee Machine. Reel. 1

Turns 439 Cor. + 47 Depth 486

Shot or lead 35 lb

Bottom gn. m.

Bottom temperature 41.3

No. of thermometer 53735 Cor. -, 3

Corrected temperature 41

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-3-40	18-50	0		
12-5-05	17-45	100		
7-30	16-35	200		
9-30	15-25	300		
11-35	14-10	400		
13-35	13-10	439 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

March 18^m 1901.

No. 2576 Date Feb 11 p.m.

Sigsbee Machine. Reel. 1

Turns 292 Cor. 1 Depth 300

Shot or lead 35 lb.

Bottom gy. m.

Bottom temperature 46.0

No. of thermometer 5735 Cor. - .2

Corrected temperature 46.3

Air 50.3 Surface 62 Drift

Trawl or dredge ...

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	1-53-40	
1-02-10	1-00-00	100	5-15	1-00-00
3-00	10-25	200	9-15	10-30
11-15	7-45	292		47-05
		400	6-15	44-15
		500	9-10	40-25
		600	12-15	36-35
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very fine rain. 2 ft. from bottom, several
 varieties: shrimp, crabs, long tails, many fish
 worms, barnacles.

March 8th

No. 2377 Date 7/21 7:00 p.m.
 Name Nydia Machine. _____ Reel. _____

Turns 189 Cor. + 21 Depth 210

Shot or lead 35-lb

Bottom gy. m.

Bottom temperature 67.1

No. of thermometer 53735 Cor. -.1

Corrected temperature 66.9

Air _____ Surface _____ Drift _____

Trawl or dredge 6-1/2'

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4-12-45</u>	<u>7-50</u>	0	<u>4-12-45</u>	<u>6-00</u>
<u>3-25</u>	<u>6-15</u>	100	<u>15-00</u>	<u>5-01-15</u>
<u>2-30</u>	<u>5-30</u>	200	<u>21-45</u>	<u>4-02-30</u>
		300	<u>23-25</u>	<u>36-05</u>
		400	<u>27-00</u>	<u>32-15</u>
<u>1-0</u>		500	<u>4-28-40</u>	<u>4-50-45</u>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20782

2-16

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Very good haul, most of the
 as the following - many varieties of fish*

No. 2378 Date Feb 11 1880
Sigsbee Machine. Reel. 1
 Turns _____ Cor. + _____ Depth 68 fms
 Shot or lead 35 lb
 Bottom last lead (94 m.)
 Bottom temperature last thermometer
 No. of thermometer 53731 Cor. _____
 Corrected temperature _____
 Air 50 Surface 63 Drift _____
 Trawl or dredge L. B. J.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5-37-00

0

5-57-00

6-36

40-15

100

200

5-53

6-18

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

wire jumped reel,
 got under bottom and
 began losing weight,
 the no 53731, 35 lb
 lead, found bob, and
 started again with
 same bottom
 to get specimen of
 bottom.

68 turns = 75 fms wire

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very good haul.

No. *546-556* Date *Feb 11 1901**Yanner* Machine. Reel.Turns *45* Cor. + *1* Depth *46*Shot or lead, *25 lb lead*Bottom *gy. m.*Bottom temperature *Not taken*

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*7-00-20**2-15*

0

40 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11 17 30 7 200

No. 50 Date 11 1 1902
Tanner Machine. Reel.

Turns 34 Cor. + 1 Depth 35

Shot or lead 25 lb

Bottom gy. s.

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-36-00	38-20	0		
37-00	37-20	34-100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Match 18^m 1st

No. 586 Date Feb 11 pm.

Tanner Machine. Reel.

Turns 31 Cor. + 1 Depth 32

Shot or lead

Bottom gy. S. m.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-07-20	8-40	0		
7-55		31		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 584 (2) Date Feb 11 / 1900
Tanner Machine. Reel.

Turns 29 Cor. + _____ Depth 30

Shot or lead 25 lb

Bottom gn. m.

Bottom temperature Not taken

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air _____ Surface _____ Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>35-00</u>		0		
<u>36-30</u>		<u>29</u> 100		
<u>37-45</u>		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 585 Date July 11 / 1911

Tanner Machine. Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead 25 lb

Bottom gn. m

Bottom temperature Not taken

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9-02-00

03-30

0

02-30

35-100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3379 Date March 2 1872.

Sigsbee Machine. Reel. 1

Turns 1336 Cor. + 131 Depth 1467

Shot or lead 30 lb shot,

Bottom yL. oz.

Bottom temperature Fair did not boil

No. of thermometer 53733 Cor.

Corrected temperature

Air 60 Surface Drift

Trawl or dredge L. B. J.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-40-00	18-30	0	6-27-00	34-40
41-00	17-30	100	39-00	31-25
42-00	16-40	200	44-50	28-55
43-10	15-50	300	49-20	26-25
44-20	15-00	400	52-30	23-55
45-30	14-10	500	56-35	21-20
46-50	12-40	600	7-55-55	18-45
48-15	11-30	700	64-50	16-05
49-45	9-50	800	08-05	13-10
51-25	8-40	900	11-40	10-15
53-15	7-10	1000	14-50	7-20
55-05	5-55	1100	18-55	04-25
56-55	4-25	1200	23-00	10-01-15
58-55	02-45	1300	25-55	58-15
59-50	6-02-10	1336, 1400	29-30	55-05
		1500	34-15	52-40
		1600	37-25	49-30
		1700	41-45	46-10
		1800	45-20	42-35
		1900	50-30	39-30
		2000	54-55	36-05
		2100	58-00	32-25
		2200	01-10	28-20
		2300	11-50	9-20-30
		2400	18-00	

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very good haul; several specimens
 bottom fish, shrimp, anemones, ^{3rd} *holothurians*,
thaliaceans, *uranolites*, *echinoderms*,
 (*Maldanidae*) sponges.

No. 2380 Date Mar 2 a.m.
Sigsbee Machine. Reel. 1

Turns 1305 Cor. + 125 Depth 1430

Shot or lead 30 lb

Bottom G. M. foram.

Bottom temperature 40.5

No. of thermometer 53741 Cor. - .4

Corrected temperature 40.1

Air 59.7 Surface Drift

Trawl or dredge L. B. J.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE DOWN.	SOUNDING WIRE UP.	TURNS.	DREDGE ROPE DOWN.	DREDGE ROPE UP.
10-43-25	18-25	0	11-20-40	19-50
44-30	17-30	100	28-40	16-50
45-40	16-40	200	32-40	14-35
46-50	15-50	300	36-10	12-15
		400	38-55	9-55
49-35	14-05	500	42-55	7-40
51-55		600	47-55	5-55
52-25	12-10	700	52-55	3-01-55
53-55	11-05	800	55-00	59-10
55-25	9-55	900	59-10	56-15
57-05	8-45	1000	12 03-20	53-20
		1100	6 35	
	6-10	1200	10 30	47-20
2-50	04-45	1300	14 00	44-15
3-55	4-10	1365	17 30	41-05
		1500	20 40	37-55
		1600	24 15	34-15
		1700	29 20	31-10
		1800	34 05	28-10
		1900	37 35	24-40
		2000	41 55	21-50
		2100	46 30	2-17-15
		2200	50 45	2-09-00
		2300	54 20	1-54-15
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Same as preceding.

No. 2351 Date March 2 1871

Sigsbee Machine. Reel. 1

Turns 1211 Cor. + 119 Depth 1330

Shot or lead 30 lb shot

Bottom gy. br. M., foram.

Bottom temperature then. cupped but heavy

No. of thermometer 53741 Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge L. D. S.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		55-30
		100	42-15	52-40
01-10	31-00	200	46-35	50-20
02-20	30-05	300	50-50	47-50
3-45	29-10	400	54-30	45-25
7-25	28-10	500	57-50	43-00
8-45	27-05	600	01-40	40-30
10-20	26-00	700	5-00	37-55
11-50	24-50	800	8-15	35-20
13-20	23-40	900	12-25	32-50
14-45	22-25	1000	16-20	30-10
16-10	21-05	1100	20-20	27-45
17-40	19-40	1200	24-05	24-50
17-50	19-30	1211	27-15	22-50
		1400	32-	19-05
		1500	35-55	16-10
		1600	40-25	12-55
		1700	43-40	9-55
		1800	47-35	6-50
		1900	52-00	03-30
		2000	56-40	7-50-00
		2100	6-00-15	6-56-15
		2200		
		2300		
		2400		

49
12
3

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Halothurians, sponges, starfish,
 one fish.*

No. 2382 Date *Mar 31 am*
Sigsbee Machine. Reel. 1
 Turns 1142 Cor. + 113 Depth 1250
 Shot or lead 30 lb shot
 Bottom *Gy. M. forams.*
 Bottom temperature 40
 No. of thermometer 53741 Cor. - .4
 Corrected temperature 39.6
 Air Surface Drift
 Trawl or dredge *L.W.D.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-37-10	04-00	0	6-10-15	30-00
38-00	03-15	100	13-20	27-00
39-00	02-30	200	17-30	24-20
40-00	01-30	300	21-20	21-40
41-15	6-00-00	400	25-20	19-10
42-30	59-50	500	29-20	16-30
43-40	58-50	600	33-20	13-40
44-50	57-50	700	37-45	11-00
46-15	56-50	800	42-05	08-10
47-40	55-45	900	46-25	05-15
49-00	54-30	1000	51-00	9-02-20
50-30	53-20	1100	55-05	59-15
	52-40	1200	59-05	56-15
		1300	03-10	52-10
		1400	6-50	49-45
		1500	11-20	46-20
		1600	16-10	43-10
		1700	20-50	39-35
		1800	24-00	35-40
		1900	27-30	32-15
		2000	38-00	27-40
		2100		
		2200		
		2300		
		2400		

2500
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 3200
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 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No direct observations
 Net probably not on bottom.

No. 2353 Date Mar. 31 1871
Sigsbee Machine. Reel. 1

Turns 1075 Cor. + 106 Depth 1181

Shot or lead 30 lb shot

Bottom br. gn. M. foram.

Bottom temperature 40.2

No. of thermometer 53741 Cor. - .4

Corrected temperature 39.8

Air Surface Drift

Trawl or dredge L. W. J.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<u>23-55</u> <small>1-10</small>	<u>49-40</u>	<u>0</u>	<u>10-51-00</u> <small>3-40</small>	<u>6-30</u>
<u>24-10</u>	<u>48-45</u>	<u>100</u>	<u>54-55</u> <small>3-30</small>	<u>3-45</u>
<u>25-30</u> <small>1-15</small>	<u>47-50</u>	<u>200</u>	<u>58-40</u> <small>3-30</small>	<u>7-01-15</u>
<u>26-45</u> <small>1-20</small>	<u>47-00</u>	<u>300</u>	<u>02-10</u> <small>2-20</small>	<u>58-00</u>
<u>27-10</u> <small>1-25</small>	<u>46-10</u>	<u>400</u>	<u>4-40</u> <small>3-10</small>	<u>54-10</u>
<u>27-25</u> <small>1-30</small>	<u>45-15</u>	<u>500</u>	<u>7-20</u> <small>3-30</small>	<u>51-40</u>
<u>30-50</u> <small>1-35</small>	<u>44-15</u>	<u>600</u>	<u>10-55</u> <small>3-35</small>	<u>48-10</u>
<u>32-15</u> <small>1-40</small>	<u>43-15</u>	<u>700</u>	<u>14-10</u> <small>3-30</small>	<u>44-30</u>
<u>33-30</u> <small>1-45</small>		<u>800</u>	<u>17-00</u> <small>3-45</small>	<u>40-25</u>
<u>34-45</u> <small>1-50</small>	<u>42-10</u>	<u>900</u>	<u>21-15</u> <small>3-45</small>	<u>36-30</u>
<u>36-35</u>	<u>40-00</u>	<u>1000</u>	<u>26-30</u> <small>4-00</small>	<u>31-10</u>
<u>37-45</u>	<u>39-00</u>	<u>1100</u>	<u>30-35</u> <small>4-05</small>	<u>26-15</u>
		<u>1200</u>	<u>34-40</u> <small>4-10</small>	<u>21-20</u>
		<u>1300</u>	<u>37-45</u> <small>4-15</small>	<u>17-10</u>
		<u>1400</u>	<u>41-40</u> <small>4-20</small>	<u>12-30</u>
		<u>1500</u>	<u>45-25</u> <small>4-25</small>	<u>8-30</u>
		<u>1600</u>	<u>48-30</u> <small>4-30</small>	<u>4-10</u>
		<u>1700</u>	<u>52-50</u> <small>4-35</small>	<u>00-10</u>
		<u>1800</u>	<u>56-30</u> <small>4-40</small>	<u>56-20</u>
		<u>1900</u>	<u>12-03-00</u> <small>4-45</small>	<u>52-25</u>
		<u>2000</u>	<u>7-30</u> <small>4-50</small>	<u>12-46-30</u>
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

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 3900
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Heavy load mud - one fish -

No. 238-1 Date Mar 8 1897
 Machine. Reel. 1

Turns 855 Cor. + 25 Depth 940

Shot or lead 30 lb Shot

Bottom br. gy. m.

Bottom temperature +0

No. of thermometer 53741 Cor. -.4

Corrected temperature 39.6

Air Surface Drift

Trawl or dredge L. B. J.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-09-00	19-05	0	21-45 ³⁻⁰⁵	54 55
00-15	18-05	100	26-45 ³⁻⁴⁵	52 15
01-00	17-15	200	30-30 ³⁻⁴⁵	49 00
02-10	16-25	300	34-15 ²⁻⁴⁵	47 25
03-10	15-30	400	37-00 ³⁻⁴⁵	45 05
04-20	14-30	500	40-45 ⁴⁻⁴⁵	43 10
05-35	13-25	600	45-30 ³⁻³⁵	39 30
06-55	12-20	700	49-05 ⁴⁻¹⁵	36 35
08-20	11-05	800	53-10 ⁴⁻⁵⁵	33-45
09-05	10-30	855 900	58-05 ⁴⁻⁵⁵	30-40
		1000	02-55 ³⁻⁵⁵	27-35
		1100	6-30 ⁴⁻¹⁵	24-15
		1200	10-40 ⁴⁻³⁵	5-20-50
		1300	15-15	
		1400	20-05	
		1500	23-45	
		1600	27-30	
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Heavy haul mud - new fish.

No. 2385 Date March 3 1881
Sigsbee Machine. Reel. 1
 Turns 665 Cor. + 65 Depth 730
 Shot or lead 35 lb. lead
 Bottom gy. M.
 Bottom temperature 40.5
 No. of thermometer 50741 Cor. -.4
 Corrected temperature 40.1
 Air Surface Drift
 Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
27-10	57-30	0	7-01-10	40-30
35-20	56-20	100	6-40	43-30
39-50	55-20	200	9-50	41-15
41-20	54-10	300	13-15	39-05
42-50	53-00	400	16-45	36-50
45-30	51-50	500	19-15	34-35
46-00	50-30	600	25-30	32-20
47-00	49-30	665	29-40	30-00
		800	33-55	27-45
		900	38-10	25-15
		1000	43-25	8-22-30
		1100	47-35	6-18-35
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 3200
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 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very good haul.

No. *2386* Date *March 11, 1891*
Sigsbee Machine. Reel.
 Turns *54* Cor. + *6* Depth *60 fms.*
 Shot or lead *35 lb.*
 Bottom *bu. M.*
 Bottom temperature *62°*
 No. of thermometer *53741* Cor. - *.2*
 Corrected temperature *61.8*
 Air *62* Surface *67* Drift
 Trawl or dredge *L. T. S.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-36-10</i>		0	<i>5-46-30</i>	<i>27-00</i>
		<i>54</i> 100	<i>57-30</i>	<i>13-00</i>
		200	<i>56-00</i>	<i>6-19-00</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Several fished bottom - lost all but mud bag and end of net.

No. *589 (Hud)* Date *Mch 4th am*

Tanner Machine. Reel.

Turns *51* Cor. + *3* Depth *54*Shot or lead *12 lb*Bottom *bu. fm*Bottom temperature *Not taken*

No. of thermometer Cor.

Corrected temperature

Air *6* Surface *66* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*6-30-00**0**51* 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Loos 670 turns off No 1 Reel,
leaving 4880 turns.

488

4900
850

4050

Summer - Macdonald

50	50	
100	100	
150	150 1/2	
200	201 1/2	
250	252 1/4	3 1/2
300	303 1/4	
350	354 1/2	
400	407	5 1/2
450	458 1/2	25 1/2
500	511	
550	563 1/2	
600	616 1/2	
650	669	
700	722 1/2	
729	751 1/2	

719 740

700	720	
400	400	
	279	426

580	595
<u>124</u>	<u>125</u>
469	470

425	433
<u>354</u>	<u>75</u>
71	362

No 1