

2526 to 2555

Hyd. 525 to Hyd. 862

2410
208

2618

6000 / 48000 (0.000025 m)

216.000

12

18.000

8000



11.50 67338.34.7
48.62

S	Sand	fine	fine
G	Gravel	co	coarse
R	Rock	lge	large
M	Mud	sm	small
Sh.	Shells	brk	broken
St.	Stones	sft	soft
Sp.	Specks	hrd	hard
Oz.	ozone	rky	rocky
C.	clay	stk	sticky
Co.	Coral	stf.	stiff.
P	Pebbles	lt	light
Glab.	Globigmina	dk	dark
For.	Foraminifera.	br.	brown
		rd	red
		yl	yellow
bk	black		
wh.	white		
gy	gray		
gn	green		
bu	blue		

$$\begin{array}{r}
 4) 27 \quad 4) 30 \quad 4) 21 \\
 \hline
 6 \frac{3}{4} - 7 \frac{3}{4} - 5 \frac{1}{4} \\
 2 - 1 - 3
 \end{array}$$

$$\begin{array}{r}
 22.00 \\
 \hline
 1356 \\
 8.42
 \end{array}$$

$$\begin{array}{r}
 3) 13'58 \\
 \hline
 452 \\
 \hline
 1808
 \end{array}$$

$$\begin{array}{r}
 2 \\
 10 \frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 14 \\
 \hline
 56 \\
 32 \\
 \hline
 88 \\
 42 \\
 \hline
 176 \\
 522 \\
 \hline
 3596
 \end{array}$$

1885.

SLP

No. *Hyd. 825* Date *July 13" 6:42 AM*
Tanner Machine. Reel.

Turns *83* Cor. + *2* Depth *85*

~~Shot or lead~~ *18 lbs*

Bottom *Sand + gravel*

Bottom temperature *43*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *42.6*

Air *62* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.41.20 *44.30*

42.30 *6.43.00*

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:

528
 No. *Hyd 826* Date *July 13th 6:51 AM.*
Tanner Machine. Reel.

Turns *80* Cor. + *2* Depth *82*

~~Shot or lead~~ *18 lbs*

Bottom *Sand + gravel*

Bottom temperature *none taken*

No. of thermometer Cor.

Corrected temperature

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*6.50.40**53.00*

0

*6.51.30**6.51.55*

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:

S.S.P.

No. *Hyd 827* Date *July 13 7:04 A.M.*
Tanner Machine. Reel.

Turns *79* Cor. + *2* Depth *81*

~~Shot or lead~~ *18 lbs.*

Bottom *Sand & gravel*

Bottom temperature *42.7*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *42.3*

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.03.00 *05.40* *0*

7.04.00 *7.04.40* *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:

SLP

No. *Hyd 828* Date *July 13th 7:23 AM*
Tanner Machine. Reel.

Turns *73* Cor. + *2* Depth *75*

~~Shot or lead~~ *18 lbs.*

Bottom *Sand & gravel*

Bottom temperature *43*

No. of thermometer *53731* Cor. *-4*

Corrected temperature *42.6*

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7, 22.00 *24.30*

23.00 *23.40*

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:

SEPNo. Hyd 829 Date July 13 7:44 AM.

Tanner Machine. Reel.

Turns 77 Cor. + 2 Depth 79~~Shot or lead~~ 18 lbsBottom Stiff brown Clay & gravelBottom temperature 45.2No. of thermometer 53731 Cor. - 3Corrected temperature 45.2Air 63 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.43.3047.00044.3046.10100200300400500600700800900100011001200130014001500160017001800190020002100220023002400

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:

507. SRH

No. Hyd 830 Date July 13th 7.59.00 ^{AM.}

Tanner Machine. Reel.

Turns 82 Cor. + 2 Depth 84

~~Shot or lead~~ 18 lbs.

Bottom Sand & gravel

Bottom temperature 45.2

No. of thermometer 53731 Cor. -.3

Corrected temperature 45.2

Air 63 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>7.58.00</u>	<u>01.20</u>	0		
<u>58.50</u>	<u>8 00.00</u>	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:

507.

SLP

No. Hyd 831 Date July 13th 8:20^{AM}

Tanner Machine. Reel.

Turns 81 Cor. + 2 Depth 83

~~Shot or lead~~ 18 lbs

Bottom Sand + gravel

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 63 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.19.00

21.20

0

20.00

8.20.05

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:

SRP

8:42 AM.

No. 2526 Date July 13 1885

Tanner Machine. - Reel.

Turns 118 Cor. + 3 Depth 121

Shot or lead 18 lbs

Bottom pebbles.

Bottom temperature not taken

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 65 Surface 66 Drift $\frac{1}{2}$ m N.E. X E

Trawl or dredge Ship

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.41.00		0	8.49.45	22.15
42.30		$\frac{1}{8}$ 100	55.30	19.15
		200	9.00.00	16.15
		250		
		300	03.30	9.14.20
		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	Dredge contained			

REMARKS:

for Asidians, Holothurians, ^{Small} Sed
anemones, small shells

507. *S&D*

No. *Hyd 832* Date *July 13" 9:24 AM.*

Tanner Machine. Reel.

Turns *82* Cor. + *2* Depth *84*

~~Shot or lead~~ *18 lbs*

Bottom *Coarse Sand & pebbles*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *65* Surface *66* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.23.00</i>	<i>26.00</i>	0		
<i>24.00</i>	<i>24.10</i>	<i>82</i> 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:

SSP

No. Hyd 833 Date July 13th 9:48 AM,
Tanner Machine. Reel.

Turns 270 Cor. + 8 Depth 278

~~Shot or~~ lead 18 lbs

Bottom wh. Sand black specks

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 66 Surface 66 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.47.30

54.00

0

48.00

52.00

100

47.00

50.00

200

48.00

48.00

270
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:

SEP
 No. *Hyd 834* Date *July 13" 10:16 AM.*

Tanner Machine. Reel.

Turns *352* Cor. + *11* Depth *363*

~~Shot or lead~~ *18 lbs*

Bottom *Sand & pebbles*

Bottom temperature *not taken*

No. of thermometer

Cor.

Corrected temperature

Air *66* Surface *66* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>10. 11.00</i>	<i>26.00</i>	<i>0</i>		
<i>13.00</i>	<i>23.30</i>	<i>100</i>		
<i>14.30</i>	<i>20.35</i>	<i>200</i>		
<i>16.00</i>	<i>18.40</i>	<i>300</i>		
<i>16.50</i>	<i>10.17.00</i>	<i>352</i> <i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</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:

SLP

No. *Hyd 835* Date *July 13th 11:54 AM.*
Tanner Machine. Reel.

Turns *125* Cor. + *4* Depth *129*

~~Shot or lead~~ *18 lbs*

Bottom *Coarse Sand & gravel*

Bottom temperature *42.*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *+1.6*

Air *64* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>11 53 00</i>	<i>56.30</i>	<i>0</i>		
<i>54 05</i>	<i>55.00</i>	<i>100</i>		
<i>54 15</i>	<i>54.30</i>	<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</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:

507. S&P

No. Hyd 836 Date July 13th 12:19 P.M.

Tanner Machine. Reel.

Turns 132 Cor. + 4 Depth 136

~~Shot~~ or lead 18 lbs.

Bottom hard

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12:18 00
19 00
19 30

0
100
132
~~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:

SLP

No. *Hyd 837* Date *July 13^{PM.} 12:37*
Tanner Machine. Reel.

Turns *170* Cor. + *5* Depth *175*

Shot or lead *18 lbs*

Bottom *bk shells*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *64* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*12.35.00**39.00**0**36**38.00**100**37**37.00**170**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:

SHP

No. *Hyd 838* Date *July 13," 12:50 P.M.**Tanner* Machine. Reel.Turns *171* Cor. + *5* Depth *176*~~Shot~~ or lead *18 lbs*Bottom *Bryk Sh.*Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *66* Surface *61* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>12 48.30</i>	<i>52.40</i>	0		
<i>49.30</i>	<i>51.30</i>	100		
<i>50.20</i>	<i>50.20</i>	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 839* Date *July 13" 1:09 P.M.*
Tanner Machine. Reel.

Turns *124* Cor. + *4* Depth *128*

Shot or lead *18 lbs*

Bottom *pebbles*

Bottom temperature *not taken*

No. of thermometer

Cor.

Corrected temperature

Air *66* Surface *61* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1 08.00</i>	<i>11.30</i>	0		
<i>09.00</i>	<i>10.10</i>	100		
<i>09.30</i>	<i>09.40</i>	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. 2527 Date July 13th 1:22 P.M.

Tanner Machine. Reel.

Turns 113 Cor. + 4 Depth 117

~~Shot or lead~~ 18 lbs

Bottom Sand & gravel

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 66 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1, 21, 00

24.30

0

22, 10

23.00

100

22.30

22.40

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 an anchor & buoy at this station.
 Lowered donies with trawl grapnels
 to drag on bottom; Several fine
 sprays of Gondonian coral were
 secured

Donies returned at 4:35

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. 2528

Date July 13 " 6:15 P.M.

Sigsbee Machine. 1 Reel.

Turns 613 Cor. + 64 Depth 677

Shot ~~or lead~~ 35 lbs

Bottom brown sand

Bottom temperature 39

No. of thermometer 53731 Cor. -.3

Corrected temperature 38.7

Air 78 Surface 69 Drift/m WSW

Trawl or dredge L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6 07.00	23.00	0	6.29.00	25.30
08.30	22.05	100	32.30	23.00
09.40	21.15	200	35.45	19.40
11.00	20.30	300	38.10	16.45
12.30	19.30	400	40.40	13.30
13.45	18.30	500	44.00	10.25
15.10	17.00	600	47.35	07.00
15.30	16.40	700	50.35	8.00.30
		800	53.30	55.30
		900	57.00	50.00
		1000	7.05.10	44.30
		1100	05.00	40.00
		1200	09.00	7.30.00
		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				

Trawl contained

Large number of Grenadines -
 two species - Few Blue hake and Pote
 Flounders, several species unidentified
 fish, large quantity bush coral, few
 sprays gold-banded coral, sea anemones
 - 1 rare species - shells and worms.

REMARKS:

No. *2529* Date *July 14, 1885.*

Sigsbee Machine. / Reel.

Turns *599* Cor. + *63* Depth *662*

Shot or lead *35 lbs.*

Bottom *gray mud.*

Bottom temperature *39*

No. of thermometer *53731* Cor. - *.3*

Corrected temperature *38.7*

Air *66* Surface *65* Drift *1^m S 11^m E.*

Trawl or dredge *Large Beam.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>N. M.</i>				
<i>4.04.00</i>	<i>21.45</i>	<i>0</i>	<i>5.08.00</i>	<i>09.00</i>
<i>05.00</i>	<i>20.30</i>	<i>100</i>	<i>12.45</i>	<i>05.45</i>
<i>06.15</i>	<i>19.30</i>	<i>200</i>	<i>17.00</i>	<i>03.00</i>
<i>07.45</i>	<i>18.30</i>	<i>300</i>	<i>21.30</i>	<i>7.00.00</i>
<i>09.30</i>	<i>17.30</i>	<i>400</i>	<i>26.15</i>	<i>57.30</i>
<i>11.15</i>	<i>16.15</i>	<i>500</i>	<i>30.00</i>	<i>55.00</i>
<i>13.15</i>	<i>14.15.00</i>	<i>605</i>	<i>33.15</i>	<i>52.30</i>
		<i>700</i>	<i>37.00</i>	<i>49.30</i>
		<i>800</i>	<i>40.15</i>	<i>47.00</i>
		<i>900</i>	<i>44.00</i>	<i>44.15</i>
		<i>1000</i>	<i>48.00</i>	<i>41.00</i>
		<i>1100</i>	<i>53.00</i>	<i>38.00</i>
		<i>1200</i>	<i>58.00</i>	<i>35.00</i>
		<i>1300</i>	<i>6.02.30</i>	<i>31.00</i>
		<i>1400</i>	<i>07.00</i>	<i>6.27.00</i>
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</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:

Numerous brittle starfish
 Holothurians
 Ophiurans
 Shells and worms.

No. 2530 Date July 14th 1885
 Sigbee Machine. 4 Reel.

Turns 866 Cor. + 90 Depth 956

Shot or lead 35 lbs.

Bottom grey oazc.

Bottom temperature 38.7

No. of thermometer 53731 Cor. - 3

Corrected temperature 35.4

Air 70 Surface 67 Drift 1^m S 77^m W

Trawl or dredge Large Beam

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
8.40.30	02.15	0	9.08.00	37.-
41.30	01.15	100	11.30	33.45
42.15	0.00.15	200	15.30	30.30
43.15	59.15	300	19.30	28.00
44.30	58.00	400	23.45	24.30
45.45	57.00	500	27.30	21.00
46.45	55.45	600	31.30	18.00
48.15	54.30	700	36.00	15.00
49.30	53.00	800	40.00	11.30
50.15	8.52.15	900	44.15	07.45
		1000	48.30	04.00
		1100	53.00	11.00.30
		1200	56.45	56.45
		1300	10.01.00	52.30
		1400	04.00	48.30
		1500	08.30	45.15
		1600	22.00	10.42.00
		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	<i>Trawl</i>			
800				
900				
1000				

REMARKS:

*Holothurians numerous
Large sponges - starfish - worms -
few grenadiers.*

(Trawl very badly torn.)

No. 2531 Date July 14th 1885.

Sigsbee Machine. 1 Reel.

Turns 772 Cor. + 80 Depth 852

Shot or lead 35 lbs.

Bottom grey mud.

Bottom temperature 38.7

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.4

Air 72 Surface 67 Drift 1^m S 11^m W.

Trawl or dredge Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
1.16.30	37.00	0	1.43.00	25. -
17.30	35.45	100	47.00	18.45
18.45	34.45	200	50.30	14.15
20.15	33.45	300	54.30	10.00
21.30	32.30	400	58.00	05.15
23.00	31.30	500	2.01.45	4.00.45
24.30	30.30	600	05.30	54.30
25.45	29.15	700	09.00	48.00
26.45	1.28.30	800	13.00	40.15
		900	17.00	34.00
		1000	20.45	27.00
		1100	24.45	13.30
		1200	29.00	08.00
		1300	33.00	3.02.30
		1400	37.30	2.58.00
		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:

Numerous Holothurians -
few brittle stars, starfish, worms.

6215.
507.

No. 2532 Date July 14th 1885.
Sigsbee Machine. Reel.

Turns 638 Cor. + 67 Depth 705

Shot or lead 35 lbs.

Bottom grey mud.

Bottom temperature 39.

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.7

Air 75 Surface 67 Drift 1^m N 57 E

Trawl or dredge Large Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.35.00	52.30	0	5.57. -	45.15
36. -	51.30	100	6.00.45	42. -
37.15	50.30	200	.05. -	38.30
38.30	49.45	300	.09. -	35.30
39. -	48.30	400	13. -	32.15
40.30	47.15	500	17.15	29.15
42. -	46.15	600	21.15	26. -
43.45	5.45. -	700	25.30	23.15
		800	29.30	20.15
		900	33.30	16. -
		1000	37.15	13. -
		1100	41. -	10. -
		1200	45.15	7.07. -
		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:

Several small species unidentified fish - few pole flounders - grevadies and blue hake - few starfish worms and shells.

* watch 27 m slow

607. *mm.*

No. 2533 Date July 15th.

Sigsbee Machine. // Reel.

Turns 750 Cor. + 78 Depth 828

Shot or lead 35 lb.

Bottom Brown org.

Bottom temperature 39

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.7

Air 72 Surface 68 Drift 1.77W

Trawl or dredge LB

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 41.07			41.50	15
3 41.05	03 50	0	41.07.10	51.10
41.15	4.02.50	100	13.00	47.40
41.20	01 40	200	17.00	44.10
43.35	59.55	300	21.00	42.40
44.45	58.35	400	25.00	41.55
45.55	57.25	500	28.00	37.25
47.05	56.00	600	31.40	33.40
48.20	54.00	700	35.00	30.45
49.25	45 2.15	750 800	39.00	27.55
		900	42.00	25.00
		1000	47.00	23.00
		1100	51.30	19.00
		1200	54.00	5.15.00
		1300		
		1400	5.21	5.43
		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				

~~Worms~~
4 spec fish

REMARKS:

Beringia 2 spec soft sea web
2 cuttlefish *Arca ustus agassizii*
Bivalve etc fish. *Pycnogonidae*
Pannatulid

507.

AM

28 M. S. Trow

8.28 Cor. time

No. 2534 Date July 15th

Sigsbee Machine. 1 Reel.

Turns 1117 Cor. + 117 Depth 1234

Shot or lead 35 lb

Bottom gray silt

Bottom temperature 38

No. of thermometer 53731 Cor. -.2

Corrected temperature 37.5

Air 66 Surface 70 Drift 1-NE

Trawl or dredge L B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 8.00.20	35.40	0	9.54.00	30.30
01.45	34.18	100	58.15	26.55
03.20	33.20	200	9.01.20	24.02
04.20	32.15	300	05.15	21.00
05.40	31.10	400	09.15	18.15
07.10	29.50	500	12.50	15.00
08.45	26.15	600	15.55	11.45
10.20	25.25	700	19.00	09.25
12.00	24.00	800	21.00	08.05
13.20	22.42	900	24.30	11.00.30
15.20	21.25	1000	28.40	56.35
17.10	19.50	1100	32.50	53.35
17.45	19.45	1117	35.10	49.00
		1200	39.30	45.25
		1300	43.55	40.10
		1400	47.25	36.00
		1500	51.40	31.10
		1600	54.30	27.20
		1700	58.25	18.22.30
		1800		18
		1900		10.50
		2000		
		2100		
		2200		
		2300		
		2400		

854
28
9.22

958
28
10.26

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:

Contents of Trawl:

Blue Crab few Sea urchins
 Grenadier abundant large
 Nematode lucinum Abyssarium
 Scaphopoda Tubificis few star fish
 Pteropoda mu-

46.03
507. *W.M.*

28 m. *Stew*

No. *2535* Date *July 15th*
Sigsbee Machine. 1 Reel.

Turns *1042* Cor. + *107* Depth *1149*

Shot or lead *35 lb*

Bottom *Gr. gy.*

Bottom temperature *38*

No. of thermometer *53731* Cor. *-.2*

Corrected temperature *37.8*

Air *66* Surface *70* Drift *1/2 N. W.*

Trawl or dredge *L.B.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>11.33.00</i>	<i>01.15</i>	<i>0</i>	<i>12.35.30</i>	<i>B 07.30</i>
<i>34.10</i>	<i>12.00.30</i>	<i>100</i>	<i>39.35</i>	<i>04.25</i>
<i>35.20</i>	<i>59.35</i>	<i>200</i>	<i>42.35</i>	<i>3.01.30</i>
<i>36.30</i>	<i>58.50</i>	<i>300</i>	<i>45.11</i>	<i>59.20</i>
<i>37.50</i>	<i>57.45</i>	<i>400</i>	<i>48.50</i>	<i>56.10</i>
<i>39.10</i>	<i>56.30</i>	<i>500</i>	<i>51.15</i>	<i>53.50</i>
<i>40.25</i>	<i>55.20</i>	<i>600</i>	<i>55.11</i>	<i>51.16</i>
<i>41.45</i>	<i>54.20</i>	<i>700</i>	<i>59.40</i>	<i>58.10</i>
<i>43.10</i>	<i>53.20</i>	<i>800</i>	<i>1.01.30</i>	<i>45.40</i>
<i>44.30</i>	<i>52.00</i>	<i>900</i>	<i>04.11</i>	<i>42.40</i>
<i>45.55</i>	<i>50.40</i>	<i>1000</i>	<i>07.25</i>	<i>40.30</i>
<i>47.15</i>	<i>49.20</i>	<i>1100</i>	<i>10.30</i>	<i>37.46</i>
		<i>1200</i>	<i>13.50</i>	<i>35.40</i>
		<i>1300</i>	<i>16.30</i>	<i>30.45</i>
		<i>1400</i>	<i>21.21</i>	<i>27.20</i>
		<i>1500</i>	<i>24.10</i>	<i>24.45</i>
		<i>1600</i>	<i>26.45</i>	<i>21.30</i>
		<i>1700</i>	<i>39.21</i>	<i>2.16.30</i>
		<i>1800</i>	<i>28</i>	<i>28</i>
		<i>1900</i>	<i>1.57</i>	<i>21.44</i>
	<i>11.33</i>	<i>2000</i>		
	<i>28</i>	<i>2100</i>	<i>12.35</i>	
	<i>12.01</i>	<i>2200</i>	<i>28</i>	
		<i>2300</i>	<i>1.03</i>	
		<i>2400</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	39.5	53731		
600				
700	Deep Sea water Bottle			
800				
900				
1000				

REMARKS:

few sea urchins 1 Eel fish
 red shrimp 1 fish net bottom
 Large water Bottle *

507. *SIP*

No. *2536* Date *Aug 7th 5:35 AM*

Tanner Machine. Reel.

Turns *152* Cor. + *5* Depth *157*

Shot or lead *18 lbs*

Bottom *gn M. fine S*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *69* Surface *74* Drift/m *WNW 1/2 W*

Trawl or dredge *L B*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>5 46 00</i>	<i>35 00</i>
		100	<i>49 00</i>	<i>31 00</i>
		200	<i>52 00</i>	<i>26 00</i>
		300	<i>55 00</i>	<i>6 22 00</i>
		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	<i>Trawl contained</i>				
1000					

REMARKS:

A number of worm tubes, few shells, starfish

No. 2537 Date Aug 7th 6:43 AM

Tanner Machine. Reel.

Turns 151 Cor. + 5 Depth 156

Shot or lead 18 lbs

Bottom gn M. fine S.

Bottom temperature 46 1/2

No. of thermometer 53731 Cor. -3

Corrected temperature 46.2

Air 71 Surface 74 Drift 1^m NW x N

Trawl or dredge LB

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 43 00	49 00	0	6 53 00	33 15
43 50	47 00	100	56	30.15
44.20	46 30	150	59.30	27.15
		200	7 03.00	24.00
		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	<i>Trawl Contained</i>			
1000				

REMARKS:

Some sea pens, shells and worm tubes

No. 2538 Date Aug 7th 7:38 AM

Tanner Machine. Reel.

Turns 145 Cor. + 5 Depth 150

Shot or lead 18 lbs

Bottom Gn M. fine S.

Bottom temperature 46 1/2

No. of thermometer 53731 Cor. - .3

Corrected temperature 46.2

Air 71 Surface 74 Drift 1^m N.

Trawl or dredge LB

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	7.48 00	28
		100	52 00	24.30
		200	55.00	21
		300	58.41	8 18
		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. *2539* Date *August 7th 1885.*
Tanner Machine. - Reel.

Turns *129* Cor. + *4* Depth *133*

Shot or lead *18 lb.*

Bottom *br. s.*

Bottom temperature *48°*

No. of thermometer *53731* Cor. - *.3*

Corrected temperature *47.7*

Air *71* Surface *74* Drift *1^m N*

Trawl or dredge *Doxy lowered with haul line*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>8.30.</i>		0	<i>8 57.00</i>	<i>37.30</i>
<i>31.45</i>		<i>129</i> 100	<i>9 01.40</i>	<i>34.00</i>
		200	<i>05.00</i>	<i>31.00</i>
		<i>258</i> 300	<i>07.20</i>	<i>9.29.00</i>
		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	Dory returned at 12:55			
with 50	5 Skate (large), 7 Whiting.			
100	49 Hake			
200				
300				
400				
500				
600				
700				
800				
900				
1000	Trawl contained			

REMARKS:
 1 large loose fish, few
 small skate, few shells
 star fish &c

No. 2540

Date Aug 7th

Tanner Machine. Reel.

Turns 140 Cor. + 4 Depth 144.

~~Shot or lead~~ 18 lbs

Bottom Gn. S.

Bottom temperature 47

No. of thermometer 53731 Cor. -.3

Corrected temperature 46.7

Air 72 Surface 74 Drift 1^m N.

Trawl or dredge LB

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 10.00	14 00	0	10 20.00	11 03.00
11 00	12.30	100	23.30	59.30
11.20	12.00	140 200	27.30	56.00
		300	32.00	10.52.00
		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		17		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	Trawl contained			

REMARKS:

Shrimp, pale flounders,
sea anemones, worms &
shells

No. 2541

Date

Aug 7th

Tanner

Machine.

Reel.

Turns 130 Cor. + 4 Depth 134

~~Shot or lead~~ 18 lbs

Bottom Gn S. brk Sh.

Bottom temperature 48

No. of thermometer 53731 Cor. - .3

Corrected temperature 47.7

Air 73 Surface 73 Drift 1/2 N 1/2 W

Trawl or dredge L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1137.

" " 40

0

12.00

39.-

100

03.30

35.30

200

07.00

31.30

300

10.30

12.27.00

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	Trawl contained			

REMARKS:

few Starfish, sole flounders
shells, worms, shrimp

No.

2542

Date

Aug 7th

Tanner

Machine.

Reel.

Turns

125

Cor. +

4

Depth

129

~~Shot or lead~~

18

Bottom

S. & bk Sh.

Bottom temperature

47 $\frac{1}{2}$

No. of thermometer

53731

Cor.

.3

Corrected temperature

47.2

Air

73

Surface

76

Drift /m N N W.

Trawl or dredge

L B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.31.00

35.00

0

3.00.00

43.00

32.00

33.00

100

04.30

40.00

200

08.00

37.00

300

12.00

3.34.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Dory left ship to net
 trawl line at 3:00.

Dory returned at 6:43 with
 34 Hake 9 whiting 1 Norway Haddock

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	60	53731	-.2	59.8
50	56½	53731	-.2	56.3
100	50	53731	-.2	49.8
200				
300				
400				
500				
600				
700				
800				
900				
1000	Trawl contained			

REMARKS:

2 Norway Haddock, 3 Hake
4 flounders; numerous
shrimp, few starfish & worms,
and shells

SLP

No. 2543 Date Aug 7th 1885.

Tanner Machine. Reel.

Turns 161 Cor. + 5 Depth 166

~~Shot or lead~~ 18 lbs

Bottom Gn. S. bk. Sp.

Bottom temperature 45.2

No. of thermometer 53731 Cor. - .3

Corrected temperature 45.2

Air 72 Surface 76 Drift 1^m N.

Trawl or dredge L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
4.17.00	22.10	0	4.27.00	16.30
17.45	21.00	100	31.15	13.00
18.50	4.20.15	161 200	34.50	09.45
		300	39.00	06.30
		350	40.40	5.04.00
		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:

Abundance of worm tubes
 1 tube - few shells and worms.

No. *840 Hyd.* Date *August 8th, 1885.*

Tanner Machine. Reel.

Turns *227* Cor. + *7* Depth *234*

Shot or lead *18 lbs.*

Bottom *gn. s.*

Bottom temperature *42"*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *41.6*

Air *71* Surface *75* - Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1 lb.

5.02.00

5.12.00

0

04.30

59.15

100

06.00

6.30

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	6	537		
50	5.2	537		
100	5.0	537		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 841 Hyd. Date August 5th 1885.

Sanner Machine. Reel.

Turns 149 Cor. + 5 Depth 154

Shot or lead 18 lb.

Bottom gn. s. bk. sp.

Bottom temperature 46.5

No. of thermometer 53731 Cor. - .3

Corrected temperature 46.2

Air 71 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

a.m.

5.43.00

0

44.45

100

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:

645/507.

No. 2544 Date August 8th 1885.
Tanner Machine. Reel.

Turns 127 Cor. + 4 Depth 131

Shot or lead 18 lb.

Bottom gn. s. bk. sp.

Bottom temperature 48°

No. of thermometer 53721 Cor. - 3

Corrected temperature 47.7

Air 70 Surface 74 Drift 1/2^m N.

Trawl or dredge Large Beam *

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>a.m.</u>				
<u>6.06.00</u>		<u>0</u>	<u>6.19.00</u>	
<u>07.00</u>		<u>100</u>	<u>23.30</u>	<u>7.00.00</u>
		<u>200</u>	<u>27.00</u>	<u>58.00</u>
		<u>300</u>	<u>31.00</u>	<u>55.45</u>
		<u>400</u>		<u>6.52.00</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	* Dory lowered with trawl lines at 6.15 - returned 10.20 with 37 hake - 6 whiting - 2 rays - 5 Sebastes			
1000				

REMARKS:

Trawl contained
 Few hake - several small Norway haddock -
 gadoid - few shrimp -
 sponges and shells.

6245.
507.

No. *2545* Date *August 8th 1885.*
Tanner Machine. Reel.
 Turns *138* Cor. + *4* Depth *142*
 Shot or lead *18 lb.*
 Bottom *gn. s. bk. sp.*
 Bottom temperature *47*
 No. of thermometer *53731* Cor. *- 3*
 Corrected temperature *46.7*
 Air *70* Surface *74* Drift *1/2^m S.*
 Trawl or dredge *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>a.m.</i>				
<i>7.25.00</i>		0	<i>7.31.45</i>	<i>13.20</i>
<i>26.15</i>		100	<i>7.36.00</i>	<i>09.00</i>
		200	<i>41.30</i>	<i>04.15</i>
		300	<i>45.00</i>	<i>8.01.00</i>
		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. 842 Hyd. Date August 6 1885.

Tanner Machine. — Reel.

Turns 162 Cor. + 5 Depth 167

Shot or lead 18 lb.

Bottom gy. s. bk. sp. bk. sh.

Bottom temperature 46

No. of thermometer 53731 Cor. - .3

Corrected temperature 45.7

Air 71 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a. 7m.		0		
10.50.00		100		
51.45		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. 843 Hyd. Date August 8th 1885
 Tanner Machine. — Reel.

Turns 226 Cor. + 7 Depth 233

Shot or lead 18 lbs.

Bottom gn. m. s.

Bottom temperature 42.3

No. of thermometer 53731 Cor. - 4

Corrected temperature 41.9

Air 71 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.23.00	33.00	0		
24.15	29.30	100		
25.45	11.27.00	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:

No. 844 Hyd. Date August 8th 1885.

Sigsbee Machine. 1 Reel.

Turns 276 Cor. + 24 Depth 300

Shot or lead 35 lb.

Bottom gn. m. s.

Bottom temperature 41

No. of thermometer 53731 Cor. -.4

Corrected temperature 40.6

Air 73 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>p.m.</i> 12.01.00	10.30	0		
02.00	07.15	100		
03.15	12.04.00	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				
89 100				
189 200				
276 300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2546* Date *August 8, 1885.*

Sigsbee Machine. *1* Reel.

Turns *486* Cor. + *52* Depth *538*

Shot or lead *35 lb.*

Bottom *gn. m.*

Bottom temperature *40*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *39.6*

Air *73* Surface *72* Drift $\frac{1}{2}^m$ *N. 1/2. x W.*

Trawl or dredge *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>p.m.</i>				
<i>17.30.00</i>	<i>45.15</i>	<i>0</i>	<i>12.47.45</i>	<i>06.45</i>
<i>31.15</i>	<i>44.15</i>	<i>100</i>	<i>52.15</i>	<i>03.30</i>
<i>37.45</i>	<i>43.</i>	<i>200</i>	<i>56.30</i>	<i>2.00.15</i>
<i>34.</i>	<i>42.00</i>	<i>300</i>	<i>1.00.45</i>	<i>57.30</i>
<i>35.30</i>	<i>41.15</i>	<i>400</i>	<i>04.30</i>	<i>54.15</i>
<i>37.</i>	<i>40. -</i>	<i>500</i>	<i>08.00</i>	<i>51.15</i>
		<i>600</i>	<i>11.45</i>	<i>48.45</i>
		<i>700</i>	<i>15.30</i>	<i>46.00</i>
		<i>800</i>	<i>19.30</i>	<i>43.30</i>
		<i>900</i>	<i>25.00</i>	<i>1.40.00</i>
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</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. 2547 Date August 8th 1885.

Sigsbee Machine. 1 Reel.

Turns 352 Cor. + 38 Depth 390

Shot or lead 35 lb.

Bottom gv. m.

Bottom temperature 40

No. of thermometer 53731 Cor. -.4

Corrected temperature 39.6

Air 70 Surface 76 Drift 1^m N.

Trawl or dredge Large Beam.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.09. -	19.45	0	7.25.00	32.15
10.15	18.30	100	29.45	29.00
11.15	17.30	200	34.45	25.30
12.30	16.30	300	39.15	21.30
13.15	2.16.00	400	43.15	17.45
		500	47.00	13.30
		600	50.45	09.45
		700	58.00	3.07.00
		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:

Numerous branches of

No. 845 Hyd. Date August 8th 1885.

Sigsbee Machine. 1 Reel.

Turns 214 Cor. + 23 Depth 237

Shot or lead 35 lb.

Bottom gn. m.

Bottom temperature 42

No. of thermometer 53731 Cor. -.4

Corrected temperature 41.6

Air 70 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.36.00		0		
36.45	42.45	100		
38.00	3.40.00	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:

No. 2548 Date August 8th 1885
Sigsbee Machine. 1 Reel.

Turns 180 Cor. + 20 Depth 200

Shot or lead 35 lbs

Bottom gn. s. bk. sp.

Bottom temperature 43.7

No. of thermometer 53731 Cor. -.4

Corrected temperature 43.4

Air 69 Surface 76 Drift $\frac{1}{2}$ m. N.

Trawl or dredge Large Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.27.00	33.15	0	4.27.00	27.15
27.45	32	100	41.45	22.00
28.30	4.31.00	200	46.30	21.00
		300	50.30	18.10
		400	55.00	5.14.50
		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:

Abundance worm tubes ^{and} sea anemone
few fish and shells.

No. 846 Hyd. Date August 8th 1885.
 Sigbee Machine. / Reel.

Turns 312 Cor. + 32 Depth 344

Shot or lead 35 lbs.

Bottom gn. m.

Bottom temperature 44.3

No. of thermometer 53731 Cor. - .4

Corrected temperature 43.9

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
6.05.00	13.15	0		
06.00	12.00	100		
07.15	11.00	200		
08.30	6.10.00	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. 2549 Date August 8th 1885.

Sigsbee Machine. 1 Reel.

Turns 516 Cor. + 55 Depth 571

Shot or lead 35 lb.

Bottom gn. m.

Bottom temperature 39.8

No. of thermometer 53731 Cor. - .3

Corrected temperature 39.5

Air 76 Surface 76 Drift 1/2^m N. 1/2^m E.

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
p.m.				
6.26.00	38.45	0	6.43.00	16.00
26.45	37.30	100	47.00	11.45
27.45	36.15	200	50.30	08.00
29.00	35.00	300	54.00	04.30
30.15	34.00	400	57.30	8.01.15
31.45	6.32.00	500	7.01.30	58.00
		600	05.45	53.30
		700	10.00	49.15
		800	14.00	45.00
		900	18.00	41.00
		1000	22.00	7.37.00
		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:

Starfish, sea-anemones, large quantity
 worm tubes - few small fish
 several holes and quantity of
 Acanthia.

807.

No. 847 Hyd. Date August 8" 1885.

Sigsbee Machine. 1 Reel.

Turns 375 Cor. + 41 Depth 416

Shot or lead 35 lbs.

Bottom stf. gn. m.

Bottom temperature 40

No. of thermometer 53731 Cor. -.4

Corrected temperature 39.6

Air 70 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.20.00	30.30	0		
20.45	29.00	100		
21.45	28.00	200		
22.45	27.00	300		
23.30	8.26.-	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:

500 ~~Am~~

No. 848 Date Aug 94

Sigsbee Machine. 1 Reel.

Turns 290 Cor. + 25 Depth 315

Shot or lead 35 lb

Bottom Hrd

Bottom temperature 42

No. of thermometer 53731 Cor. -.4

Corrected temperature 41.6

Air 71 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.0800
11.00
3.1400
16.00

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

256
12
268

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:

Wm

No. 2550 Date Aug 9th 1881

Sigsbee Machine. 1 Reel.

Turns 982 Cor. + 99 Depth 1081

Shot or lead 35 lb

Bottom br m.

Bottom temperature 38.8

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.5

Air 73 Surface 76 Drift 2 m. 71 W

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 11. 10	12. 00	0	5. 23. 30	23. 10
12. 15	12. 25	100	27. 45	21. 05
43. 10	12. 45	200	32. 50	18. 00
44. 15	09. 50	300	35. 05	15. 25
45. 45	08. 50	400	37. 30	12. 15
47. 10	07. 20	500	43. 00	10. 30
49. 15	06. 10	600	46. 05	07. 50
51. 20	05. 10	700	49. 50	04. 10
52. 25	03. 20	800	53. 00	02. 20
54. 15	01. 10	900	55. 10	59. 20
55. 20	4. 58. 00	1000	6. 00. 20	55. 30
		1100	04. 40	53. 15
		1200	07. 35	50. 10
		1300	11. 55	46. 30
		1400	14. 50	43. 00
		1500	19. 35	39. 30
		1600	23. 40	35. 30
		1700	28. 45	7. 30. 00
		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:

Contents of bottle
 Bottle of fish alcohol 1 cc taken
 for analysis

* 12 m Slow

507.

No. 2551 Date August 9 d 1885

Sigsbee Machine. 1 Reel.

Turns 705 Cor. + 73 Depth 778

Shot or lead 35 lb

Bottom gy oz

Bottom temperature 39

No. of thermometer 53731 Cor. - 3

Corrected temperature 38.7

Air 77 Surface 77 Drift

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8 13.30	31.25	0	8.35.00	
12.10	30.20	100	39.30	
15.05	29.20	200	45.05	
16.00	28.00	300	49.15	
17.00	26.50	400	53.20	
18.10	25.30	500	56.50	
19.20	24.00	600	9 00.35	
20.30	22.40	700	06.00	
		800	07.25	
		900	12.10	
		1000	17.15	
		1100	21.20	
		1200	25.15	
		1300	29.20	
		1400	32.30 *	
		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 parted on drum losing 15' of
 of 4000 yds of wire up on large beam
 trawl and mud bag

- * 12 m. slow.

507 *AM*

No. 2552 Date August 9/85

Sigsbee Machine. / Reel.

Turns 653 Cor. + 68 Depth 721

Shot or lead 35 lb

Bottom gy of

Bottom temperature 40°

No. of thermometer 53731 Cor. - 4

Corrected temperature 39.6

Air 77 Surface 77 Drift 1/2. 71 71 W

Trawl or dredge Longy Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* 11 25.55	19.15	0	12.21.30	10 00
28 00	07.55	100	25.15	04.55
29.10	06.25	200	29.00	3.00.35
50.25	05.05	300	33.00	55.15
51.50	03.45	400	36.45	49.25
53.00	12.01.15	500		45.00
54.25	59.30	600	46.50	35.30
55.40	58.30	700	53.00	23.05
		800	58.30	18.55
		900	1.01.50	14.10
		1000	07.00	2.09.15
		1100	12.45	52.55
		1200	17.05	1.58.05
		1300	12	12
		1400	27	2.00.
		1500		
		1600		
		1700		
	12.09	1800		
	12	1900		
	12.21	2000		
11.41.5		2100	12.21	
12		2200	12	
11.57		2300	12.03	
		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:

Theromus Bardin abundant
 fine *Polydora* & large *spirograta*
 fine *Stenopoda* 2 Soft Sea urchins.

+ 12 m slow

No. 2553 Date August 9th.

Sigsbee Machine. 1 Reel.

Turns 497 Cor. + 54 Depth 551

Shot or lead 35 lb

Bottom Gn M.

Bottom temperature 39.5

No. of thermometer 53731 Cor. - .3

Corrected temperature 37.2

Air 72 Surface 77 Drift 2 W x 7 N

Trawl or dredge L. Bean

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* 3. 10.50	28.50	0	* 3. 36.45	08.45
16.50	37.40	100	41.25	06.10
17.50	26.50	200	45.25	02.30
19.25	25.50	300	48.25	5. 01.00
20.22	24.35	400	52.50	58.45
21.22	23.20	500	56.50	55.45
		600	59.35	53.15
		700	1. 04.15	51.00
		800	07.15	48.15
		900	10.30	45.15
		1000	13.30	42.50
		1100		
		1200		
		1300	12	
3 27-		1400	4. 25	37.54
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200	3. 48	
		2300		
4 13.30		2400	7. 8	
3. 36.45				
3 6.42				

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:

An tons of brown
few micrurus B or die than
species of fish not identified &
1 strange species of octopus, few
shrimp and blue etc

G. J. M.

12 m blue

No. 2554 Date August 9/85

Sigsbee Machine. 1 Reel.

Turns 403 Cor. + 42 Depth 445

Shot or lead 35 lb

Bottom S m.

Bottom temperature 40°

No. of thermometer 53731 Cor. - .4

Corrected temperature 39.6

Air 71 Surface 77 Drift 1/2 N.

Trawl or dredge L B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5. 29. 20	40. 00	0	5. 44. 50	. 04. 50
30. 25	38. 50	100	48. 50	7. 01. 50
31. 25	37. 40	200	52. 50	59. 55
32. 50	36. 55	300	56. 10	56. 00
34. 30	35. 35	400	59. 30	52. 50
		500	6. 03. 00	49. 10
		600	07. 10	45. 30
		700	12. 20	37. 00
		800	17. 10	6. 23. 35
		900	12.	12
		1000	6. 29	6. 35
		1100	Down	up
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		7. 16.
		1800		
		1900	244	
		2000	10	
		2100	35	
		2200		
		2300		
		2400		

$$\begin{array}{r} 29 \\ 12 \\ \hline 5. 41 \end{array}$$

$$\begin{array}{r} 5000 \\ 403 \\ \hline 4597 \end{array}$$

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:

Acanella. *Bryozoa* *Polynoa*
Acanella *micurus* *Bairdii*

No.

849

Date

Aug 9

Sigsbee

Machine. 1 Reel.

Turns 407 Cor. + 45 Depth 452

Shot or lead 35

Bottom gy m.

Bottom temperature 40°

No. of thermometer 53731 Cor. -.4

Corrected temperature 39.6

Air 72 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.14.00

0

15.30

100

16.40

200

18.01

300

19.30

400

22.00

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	59 $\frac{5}{10}$	53731		
50	57	53731		
100	49 $\frac{3}{4}$	53731		
200	44	53731		
300	41 $\frac{5}{10}$	53731		
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *SEP*

No. *850* *Hyd* Date *Aug 10*

Sigsbee Machine. *1* Reel.

Turns *508* Cor. + *54* Depth *562*

Shot or lead *35 lbs*

Bottom *gn. m.*

Bottom temperature *39.6*

No. of thermometer *53731* Cor. *-.3*

Corrected temperature *39.3*

Air *71* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.01

0

02

100

03.30

200

05.00

300

06.30

400

8.05

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:

///

507. *569*

No. *851* Hyd Date *Aug 10th*

Sigsbee Machine. Reel.

Turns *358* Cor. + *39* Depth *397*

Shot or lead *35 lbs*

Bottom *gy oz*

Bottom temperature *40.2*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *39.6*

Air *71* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4.18.00 *4.27.45*

0

100

200

300

4.23.40 *4.24.00*

358
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 852* Date *Aug. 10th*
Sigsbee Machine. *1* Reel.
 Turns *269* Cor. + *29* Depth *298*
 Shot or lead *35 lbs*
 Bottom *gn. ag.*
 Bottom temperature *41*
 No. of thermometer *53731* Cor. *-.4*
 Corrected temperature *40.6*
 Air *69* Surface *74* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.57.00</i>	<i>05.00</i>	0		
<i>58.30</i>	<i>03.50</i>	100		
<i>5.00.00</i>	<i>02.50</i>	200		
<i>5.00.30</i>	<i>5.02.00</i>	<i>269</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. *Hyd 853* Date *Aug 10th* '85
Sigsbee Machine. 1 Reel.

Turns *185* Cor. + *21* Depth *206*

Shot or lead *35 lbs*

Bottom *gn M,*

Bottom temperature *44*

No. of thermometer *53731* Cor. - *4*

Corrected temperature *43.6*

Air *72* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.34.30</i>	<i>5.40.00</i>	0		
<i>35.45</i>	<i>.38.40</i>	100		
<i>.36.30</i>	<i>.37.30</i>	<i>185</i> 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. 2555 Date Aug. 10th '85

Sigsbee Machine. 1 Reel.

Turns 123 Cor. + 13 Depth 136

Shot or lead 35 lbs

Bottom Gn M. + S.

Bottom temperature 48

No. of thermometer 53731 Cor. - .3

Corrected temperature

Air 72 Surface 75 Drift $\frac{1}{2}$ N.

Trawl or dredge L.S.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.58.30	03.45	0	6.13.30	59.00
.59.50	02.35	100	.17.30	.54.00
6.00.20	02.25	123 200	.21.40	.51.00
		300	.26.00	6.47.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dory returned at 9:55 with
6 baskets, 12 water

Recovered dory at 6:02 to set
trawl line

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	Trawl contained			

REMARKS:
 few shrimp, starfish, crustacea

SEP

No. 2556 Date Aug 11th 1885

Tanner Machine. Reel.

Turns 175 Cor. + 5 Depth 180

Shot or lead 18 lbs

Bottom Gn. M. fine S.

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 75 Drift $\frac{1}{2}$ m N,

Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.29.00	34.30	0	7.39.30	35.00
30.00	33.00	100	45.00	31.30
31.00	7.31.30	200	48.30	28.30
		300	52.00	25.15
		400	56.30	8.22.
		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:

Few starfish and shrimp only.

SLP

No. 2557 Date Aug. 10th 85

Tanner Machine. Reel.

Turns 149 Cor. + 5 Depth 154

~~Shot or lead~~ 18 lbs

Bottom Gn. M.

Bottom temperature 47

No. of thermometer 53731 Cor. - .3

Corrected temperature 46.7

Air 76 Surface 75 Drift $\frac{1}{2}$ m WNW

Trawl or dredge S.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.51.00	8.53.25	0	9.00.00	38.00
52.00	54.00	100	04.05	35.00
52.30	52.20	149 200	07.50	32.20
		300	11.20	29.10
		340 400	12.30	9.28.00
		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:
few shrimp, few apothurians

507. SLP

No. 2558 Date Aug. 10th 85

Tanner Machine. Reel.

Turns 119 Cor. + 4 Depth 123

Shot or lead 18 lbs.

Bottom Gn. S.

Bottom temperature 50.5/10

No. of thermometer 53731 Cor. - 2

Corrected temperature 50.3

Air 76 Surface 76 Drift 1/2^m N.E.

Trawl or dredge S.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>12.04.00</u>	<u>12.00</u>	<u>0</u>	<u>12.16.00</u>	<u>56.00</u>
<u>05.00</u>	<u>10.00</u>	<u>100</u>	<u>.20.00</u>	<u>53.00</u>
		<u>200</u>	<u>.23.40</u>	<u>50.00</u>
		<u>300</u>	<u>.27.00</u>	<u>12.47.10</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:
Trawl came up empty.

No. 2559 Date Aug 10th 85

Tanner Machine. Reel.

Turns 116 Cor. + 4 Depth 120

Shot or lead 18 lb

Bottom br. M. & S.

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 78 Surface 76 Drift 1^m N. N. E.

Trawl or dredge S. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.57.30	06.00	0	1.11.00	2.12.00
58.20	1.04.20	100	.15.40	.09.05
		200	.19.30	.06.15
		300	22.40	.03.00
		350	24.30	2.01.10
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dredge returned at 4:10 with
 6 shales, 4 shales, 4 whetings &
 1 barrel fish.

Dredge left ship at 1:05 to
 set trawl line.

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	Trawl contained			

REMARKS:

few Shrimp, star fish, shells +
few species of fish.

SLP

No. 2560 Date Aug. 10th 85
 Tanner Machine. Reel.

Turns 111 Cor. + 3 Depth 114

Shot or lead 18 lbs.

Bottom br. M. Y S.

Bottom temperature 50.9/10

No. of thermometer 53731 Cor. - .2

Corrected temperature

Air 78 Surface 76 Drift $\frac{1}{2}^m$ N.E.

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 43.00	46.00	0	3. 13.05	3.56.50
44.00	2. 44.20	100	19.40	53.30
		200	24.00	50.20
		300	29.00	3.46.35
		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	Trawl contained			

REMARKS:
 few Shrimp, starfish, shells,
 species of fish

507. SEP

No. 2561 Date Aug. 10th 85

Sigsbee Machine. 1 Reel.

Turns 452 Cor. + 48 Depth 500

Shot or lead 35 lbs.

Bottom Gn. M.

Bottom temperature 39½

No. of thermometer 53731 Cor. - 3

Corrected temperature 39.2

Air 89 Surface 77 Drift 1st N X E,

Trawl or dredge L, B,

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.37.00	48.15	0	5.53.30	34.20
38.00	47.30	100	.57.15	.31.05
38.50	46.30	200	6.02.15	28.10
39.50	45.25	300	.05.30	25.00
41.00	5.44.15	400	.08.30	.22.10
		500	.12.00	.19.15
		600	.15.15	.16.15
		700	.18.50	.13.00
		800	.22.35	.09.35
		900	.26.30	.06.00
		1000	.31.30	7.02.15
		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	J			

REMARKS:

30 pole flounders
 8 whiting, 30 Merudas
 Bairdi, number of eels
 Several specimens of Scopelium
 3 Hake

SLP

No. 854 Hyd Date Aug. 10th 85

Sigsbee Machine. 1 Reel.

Turns 341 Cor. + 37 Depth 378

Shot or lead 35 lbs

Bottom fm. S.

Bottom temperature 40

No. of thermometer 53731 Cor. - 4

Corrected temperature 39.6

Air 76 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.42.00	52.00	0		
42.50	51.00	100		
44.10	50.00	200		
45.50	48.00	300		
46.40		341 400		

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	62.2	53731	-.2	62
50	56.0	53731	-.2	55.8
100	49.2	53731	-.2	49
200	42.5	53731	-.4	42.1
300	40.5	53731	-.4	40.1
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607.

No. 2562 Date August 11th 1885.

Sigsbee Machine. 1 Reel.

Turns 1305 Cor. + 129 Depth 1434

Shot or lead 30 lb.

Bottom gy. oz.

Bottom temperature 37.5

No. of thermometer 53731 Cor. - 2

Corrected temperature 37.3

Air 76 Surface 76 Drift 1^m N.E. x S.E.

Trawl or dredge Large Beam.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.04.30	38.45	0	5.53.00	44.30
05.30	38.00	100	58.00	41.15
06.30	37.10	200	6.07.30	38.15
07.30	36.20	300	06.30	35.30
08.45	35.30	400	10.30	32.15
10.05	34.40	500	14.30	29.30
11.45	33.50	600	18.30	26.30
13.10	33.40	700	22.00	23.45
14.50	32.30	800	25.00	21.30
16.30	30.30	900	29.00	18.45
18.05	29.15	1000	32.45	15.15
20.05	28.05	1100	36.30	12.00
21.50	27.00	1200	40.00	09.00
23.30	26.00	1300	43.00	05.30
		1400	47.00	9.02.00
		1500	51.00	58.20
		1600	54.45	54.45
		1700	58.30	51.20
		1800	7.02.30	48.05
		1900	06.30	44.45
		2000	10.15	41.30
		2100	14.15	37.30
		2200	18.30	8.33.00
		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:

Numerous starfish - brittle stars - 3 or 4 Holothurians - Benthodytes 16.
Uca numerous Bairdia numerous;
 several unidentified fish - shells
 and Saxidomus cup - coral.

No. 2563 Date August 11th 1885.

Sigsbee Machine. / Reel.

Turns 1293 Cor. + 129 Depth 1422

Shot or lead 35 lb.

Bottom gy. oz.

Bottom temperature 37.6

No. of thermometer 53731 Cor. - 2

Corrected temperature 37.4

Air 82 Surface 77 Drift 1^m N.

Trawl or dredge Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.58.30	25.10	0	10.30.00	10.00
00.30	24.30	100	34.00	06.30
00.50	23.45	200	38.15	03.30
06.20	22.55	300	42.15	2.00.30
07.45	22.00	400	46.10	58.00
08.00	21.00	500	50.10	55.15
10.00.15	20.00	600	54.10	52.30
01.30	19.00	700	58.00	49.45
02.45	18.00	800	11.02.15	47-15
04.00	17.00	900	05.45	44.15
05.30	16.00	1000	09.15	41.15
07.10	15.00	1100	13.00	38.30.
08.50	14.00	1200	16.45	35.30.
10.15	10.13.00	1300	20.30	32.30
		1400	24.15	29.40
		1500	28.00	26.15
		1600	32.00	23.30
		1700	36.00	20.45
		1800	40.00	17.30.
		1900	43.45	13-45
		2000	47.45	10.00
		2100	52.00	06.45
		2200	56.15	1.03.00
		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:

68 Benthodites - 4 species starfish -
 3 species brittle stars - several shells
 numerous diatoms - and one
 piece of diatomaceous earth.

No. 2564 Date August 11th 1885

Sigsbee Machine. 1 Reel.

Turns 1270 Cor. + 126 Depth 1396

Shot or lead 35 lb.

Bottom gy. oz.

Bottom temperature 37.5

No. of thermometer 53731 Cor. - .2

Corrected temperature 37.3

Air 79 Surface 78 Drift 1^m N.E. x N.

Trawl or dredge Large Beam.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
2. 23. 00	44. 30	0	3. 22. -	05. 15
13. 45	43. 40	100	25. 45	7. 02. 30
14. 45	42. 50	200	29. 45	09. 45
16. 00	42. 00	300	33. 30	16. 45
17. 15	41. 00	400	37. 00	23. 45
18. 30	40. 00	500	40. 45	31. 00
19. 45	39. 00	600	44. 30	37. 30
21. 00	38. 00	700	48. 15	44. 00
22. 20	37. 00	800	52. 15	40. 15
23. 45	36. 00	900	56. 00	35. 30
25. 10	34. 45	1000	4. 00. 00	32. 45
26. 30	33. 45	1100	04. 00	29. 00
28. 00	32. 45	1200	07. 45	25. 30
29. 10	2. 32. 00	1300	10. 00	22. 00
		1400	13. 45	18. 30
		1500	17. 30	15. 00
		1600	21. 15	11. 45
		1700	25. 00	08. 30
		1800	29. 00	05. 15
		1900	33. 00	6. 02. 00
		2000	37. 00	08. 15
		2100	41. 00	10. 00
		2200	45. 00	5. 57. 00
		2300		
		2400		

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

1396 694
2200
804
685
116

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	61.8	54,820	-.2	61.6
50	58.3	54,820	-.2	58.1
100	51.5	54,820	-.2	51.3
200	49.	54,820	-.2	48.8
300	40.5	54,820	-.2	40.3
400	40.5	53,733	-.5	40
500	39.8	54,822	-.4	39.4
600	39.5	54,818	-.5	39
700	39.3	54,823	-.1	39.2
800	39.3	53,733	-.5	38.8
900	38.8	54,820	-.3	38.5
1000	41.7	53731	-.4	41.3

REMARKS:

Numerous starfish and Benthodites
few macrusia bairdii and small
shells.

Watch 25 m slow

507.

No. 2565 Date Aug. 28th

Machine. 1. Reel.

Turns 1893 Cor. + 174 Depth 2067

Shot or lead 60 lbs

Bottom Gr + Br gy

Bottom temperature 36.2

No. of thermometer 541818 Cor. - .6

Corrected temperature 36.2

Air 72 Surface 77 Drift S East

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* 12.41.40	40.00	0	* 12.50.40	47.30
	38.50	100		48.30
	38.40	200		49.55
	37.10	300		51.15
	36.15	400		53.35
	35.15	500		56.55
	34.10	600		59.10
	33.10	700		62.20
	31.15	800		65.10
	30.05	900		68.00
	29.40	1000		71.10
12.51.30	28.35	1100		74.00
03.00	27.10	1200		77.05
04.45	25.45	1300		80.40
06.30	24.20	1400		84.20
07.50	22.50	1500		88.45
09.00	21.15	1600		92.15
10.30	19.35	1700		95.15
11.50	17.55	1800		98.15
12.35	16.25	1900		101.00
		2000		104.00
		2100		107.00
		2200		110.15
		2300		113.00
* 12.17.		2400		116.00

Certified

12.50
25
* 1.10

	2500	2. 26.50	24.15
	2600	25.00	19.15
	2700	28.30	14.30
	2800	31.50	09.50
	2900	35.35	05.15
	3000	39.25	00.45
	3100	43	25
	3200	3.06	4.25
	3300		
	3400		
	3500		
	3600		
	3700	2.11	
	3800	4.40	
	3900	1.18	
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	77 ¹	54822	-.3	76.8
50	54 ¹	54822	-.3	53.7
100	53 ¹	52732	-.3	53.1
200	54 ¹	53731	-.2	54.2
300	49 ²	52724	0	49.9
400	40 ³	54820	-.2	40.1
500	39 ²	53733	-.5	39.4
* 600	39 ²	53733	-.5	38.7
700	39 ¹	54823	-.1	39
800	38 ⁹	54822	-.3	38.6
900	39 ⁵	54821	-.7	38.8
1000	38 ⁹	53738	-.3	38.6

REMARKS:

~~Surface~~ 7

*39.5 - 54822 - .3 = 39.2

Two Red Shrimp & small fish

SLP

No. 2566 Date Aug. 29th 85

Sigsbee Machine. / Reel.

Turns 2410 Cor. + 210 Depth 2620

Shot ~~30~~ 60 lbs.

Bottom Gy oz

Bottom temperature 36.8

No. of thermometer 53733 Cor. -.4

Corrected temperature 36.4

Air 75 Surface 80 Drift 2nd SW X S

Trawl or dredge L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
4.04.00	5.24.00	0	5.39.00	1.31.00
		100	43.00	1.02.15
		200	47.10	58.30
		300	51.15	55.00
		400	55.00	51.30
		500	58.50	48.25
		600	6.02.15	45.00
		700	06.05	41.15
		800	10.15	38.00
		900	15.00	35.00
		1000	18.30	31.30
		1100	23.00	27.30
		1200	27.05	24.00
		1300	30.40	20.17
		1400	34.40	16.50
		1500	39.00	12.12
		1600	42.40	07.55
		1700	45.40	04.00
		1800	49.00	12.00.30
		1900	52.45	56.40
		2000	57.00	53.05
		2100	7.01.30	48.10
		2200	04.20	45.20
		2300	07.00	41.40
		2400	10.15	11.37.50

When heaving in a kink in the wire at 58 fms. caused some delay in getting the trawl aboard

Cut off 80 fms dredge rope

4,45.00	4,46.20	24 ¹⁰ 2500	7. 13.30	33.40
		2600	16.30	29.30
		2700	19.45	25.20
		2800	24.00	21.18
		2900	28.30	17.15
		3000	33.30	13.15
		3100	37.35	09.15
		3200	41.15	04.45
		3300	45.00	11.00.15
		3400	48.50	55.45
		3500	53.15	51.00
		3600	58.00	46.15
		3700	8. 02.15	41.30
		3800	06.15	37.00
		3900	11.00	32.45
43.45		4000	15.00	10.27.00

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	81	53731	+ .2	81.2
50	79	53733	+ .2	79.2
100	66.6	54823	0	66.6
200	64.8	54820	- .2	64.6
300	63	54823	0	63
400	59	53738	+ .1	59.1
500	54.4	54822	- .4	53.7
600	45.6	53734	- .3	45.3
700	41	54821	- .3	40.7
800	40.5	53731	- .3	40.2
900	39.9	50312	- .4	39.5
1000	39.5	52732	- .2	39.3

REMARKS:

2 Star fish. Number of ophiurians.
 7 or 8 species of shells, benthobium.
 Brachyoda. Large shrimp. Several
 species of worms. Holothurians.
 Foraminifera.

Watch 30m slow

507.

No. 2567 Date Aug 30 1885
~~Sigsbee~~ Machine. 1 Reel.
 Turns 2515 Cor. + 216 Depth 2731
 Shot or lead 60 lb
 Bottom gy. m.
 Bottom temperature 36.2
 No. of thermometer 53733 Cor. - 3
 Corrected temperature 36.4
 Air 72 Surface 78 Drift
 Trawl or dredge L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.30.00	53.00	0	4.57.30	
	52.20	100	04.40	
	51.30	200	05.30	
	50.50	300	10.50	
	50.00	400	11.30	
	49.10	500	18.30	
	48.10	600	21.50	
	47.15	700	24.00	
	46.10	800	27.35	
	45.00	900	34.00	
	43.55	1000	38.00	
3.52.00	42.45	1100	41.15	
54.00	41.40	1200	45.30	
55.00	40.00	1300	49.40	
56.00	39.30	1400	53.00	
57.00	36.50	1500	56.30	
58.00	35.20	1600	6.00.00	
59.35	34.20	1700	04.10	
4.01.45	31.20	1800	08.00	
03.45	30.00	1900	11.25	
05.20	28.00	2000	15.35	
06.55	25.20	2100	20.00	
08.55	23.00	2200	24.30	
10.10	20.50	2300	29.30	
11.40	18.45	2400	33.25	

1335	1635	2500	37.10	
1345	1625	2575	42.35	
		2600		
		2700	46.30	
		2800	49.50	
		2900	52.40	
		3000	57.10	
		3100	7.01.30	11.00.60
		3200	04.30	57.30
		3300	07.00	53.00
		3400	11.00	49.25
		3500	15.00	44.40
		3600	20.10	40.30
		3700	24.30	36.20
		3800	29.30	32.10
		3900	32.30	27.40
		4000	36.10	22.25
		4100	40.30	19.15.30

SERIAL TEMPERATURES.

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

REMARKS:

Merris printed, crossing 303 approx
 Dredge Rope 1 Towel complete 3 lbs
 weight 43 out drags. 2 glass tubes
 2 whig nets and netting

No. 855 Hyd Date Aug. 31st 1885
 Sigbee Machine. 1 Reel.
 Turns 1782 Cor. + 16.7 Depth 1949
 Shot or lead 60 lbs
 Bottom lt br. glob. oz.
 Bottom temperature 36.6 ~~36.4~~
 No. of thermometer 53731 Cor. -.2
 Corrected temperature 36.4
 Air 72 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 14.30	14.00	0		
16.00	13.00	100		
17.20	12.10	200		
18.45	11.10	300		
19.50	10.10	400		
21.00	09.05	500		
22.00	08.00	600		
23.00	06.50	700		
24.30	05.30	800		
26.00	04.15	900		
27.30	03.00	1000		
29.00	6 01.10	1100		
30.35	57.00	1200		
32.00	55.00	1300		
33.30	53.15	1400		
35.00	51.20	1500		
36.20	49.25	1600		
38.05	47.00	1700		
39.30	46.00	1782 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. 2568 Date Aug 31" 1885

Sigsbee Machine. / Reel.

Turns 1626 Cor. + 155 Depth 1781

Shot or lead 60 lbs.

Bottom gy oz

Bottom temperature 37.1

No. of thermometer 53731 Cor. - .2

Corrected temperature 36.9

Air 72 Surface 75 Drift 1^m N x E

Trawl or dredge LB

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.55.00	39.30	0	9 48.00	35.20
56.00	38.30	100	52.10	32.00
57.05	37.40	200	56.40	29.00
58.15	36.45	300	59.45	26.00
59.30	35.50	400	03.45	23.00
9 01.00	35.00	500	08.45	20.00
02.25	33.50	600	12.45	16.20
03.30	32.50	700	16.35	12.30
05.20	31.40	800	21.35	09.15
07.00	30.40	900	25.15	05.30
08.30	29.15	1000	28.45	2 01.30
10.00	28.10	1100	32.30	57.30
11.40	27.00	1200	36.30	53.45
12.30	26.00	1300	40.15	50.30
15.00	24.40	1400	44.10	46.45
16.40	23.00	1500	47.45	42.50
18.30	21.00	1600	51.35	39.00
19.05	20.30	1626	55.40	34.45
		1700	59.35	30.30
		1800	03.35	26.00
		1900	08.00	22.00
		2000	12.00	18.00
		2100	16.10	14.00
		2200	20.30	10.00
		2300	25.00	06.15
		2400		

	2500	29.00	1	02.30
	2600	32.40		58.50
	2700	36.40		55.00
	2800	41.50	12	50.00
	2900			
	3000			
	3100			
	3200			
	3300			
	3400			
	3500			
	3600			
	3700	17.51		
	3800	2.50		2 17.51
	3900	10.15		+ 50
	4000	8.50		
		12.8		1/2 + 12.8

SERIAL TEMPERATURES.

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

Trawl contained
 few brittle Stars, Sea cucumbers,
 numerous Holothurians, 2 species of
 Sea anemones, 15 species of shells,
 numerous foraminifera, few Hermit
 Crabs, few shrimp

No. 2569 Date Aug 31st 1885Sigsbee Machine. 1 Reel.Turns 1627 Cor. + 155 Depth 1782Shot ~~or lead~~ 60 lbsBottom Gy oz.Bottom temperature 37²No. of thermometer 53731 Cor. -.2Corrected temperature 37Air 74 Surface 75 Drift SSWTrawl ~~or dredge~~ L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 23.00	04.00	0	3.04.00	19.00
24.20	03.10	100	08.10	14.00
25.20	02.25	200	12.10	10.30
26.15	01.30	300	16.10	07.00
27.25	8.00.35	400	20.00	7.03.00
28.25	59.35	500	24.00	59.00
29.30	58.35	600	28.10	55.40
30.35	57.35	700	32.30	52.25
31.40	56.15	800	36.30	49.10
32.55	55.05	900	40.50	45.40
34.00	54.00	1000	45.40	42.05
35.15	53.35	1100	49.45	38.20
36.40	51.20	1200	52.55	34.25
38.00	50.00	1300	57.10	30.25
39.45	48.00	1400	4 01.30	26.30
41.20	46.30	1500	05.30	22.20
43.00	44.00	1600	09.15	18.00
43.20	43.35	1700	13.10	13.40
		1800	17.00	09.40
		1900	20.30	06.00
		2000	24.15	02.15
		2100	28.40	58.25
		2200	33.00	54.25
		2300	38.00	50.00
		2400	42.20	46.15

2500	4.4630	4245
2600	50.40	5.3830
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600	3) 1782	
	594	
3700	2376	
3800	851	
3900	2673	
4000		

SERIAL TEMPERATURES.

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

REMARKS:

Number of Grenadiers, Several broken paper nautilus shells. Number of Moloush Crustacea + coral

No.

856

Date

Sept. 12. 1885

Supplies

Machine. 1 Reel.

Turns 1840 Cor. + 169 Depth 2009

Shot or lead .60 lb

Bottom gy oz

Bottom temperature 37

No. of thermometer 53731 Cor. -.2

Corrected temperature 36.8

Air 72 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.39.50	39.00	0		
41.00	28.40	100		
42.00	27.50	200		
43.00	27.00	300		
44.00	26.00	400		
45.00	25.00	500		
46.00	24.00	600		
47.30	23.00	700		
48.40	21.50	800		
50.00	20.40	900		
51.15	19.40	1000		
52.30	18.10	1100		
53.55	16.45	1200		
55.25	15.30	1300		
56.50	14.10	1400		
58.20	12.30	1500		
59.50	10.50	1600		
1.01.30	08.45	1700		
03.00	07.00	1800		
03.40	4.06.00	1840		
		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 30th 1885

No. 2570 Date Sept. 12/85

Machine. 1 Reel.

Turns 1659 Cor. + 154 Depth 1181.3

Shot or lead 60 lb

Bottom Glob. G.

Bottom temperature 37°

No. of thermometer 33731 Cor. -.2

Corrected temperature 36.8

Air 72 Surface 72 Drift 1-North

Trawl or dredge

Linge Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.54.30	36.00	0	6.42.30	13.40
56.10	35.10	100	46.40	10.20
57.10	34.35	200	50.20	07.30
58.10	33.30	300	53.25	04.15
59.10	32.30	400	55.05	11.01.00
00.10	31.45	500	58.40	57.40
01.20	30.40	600	7.01.20	54.25
02.30	29.30	700	04.40	51.00
03.45	28.30	800	07.00	47.15
04.50	27.30	900	10.00	44.00
06.10	26.15	1000	12.00	40.45
07.30	25.00	1100	17.15	36.45
08.35	23.50	1200	21.15	32.45
10.10	22.00	1300	24.50	29.10
11.35	21.00	1400	28.05	25.15
13.00	20.40	1500	31.30	21.40
14.30	19.30	1600	34.40	18.15
15.30	18.30	1700	38.05	14.15
		1800	42.15	10.35
		1900	46.20	06.50
		2000	50.30	10.03.15
		2100	54.30	59.45
		2200	57.00	55.30
		2300	8.01.40	51.15
		2400	05.20	46.57

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

09.05 42.30
15.00 38.50
19.00 9.32.50

SERIAL TEMPERATURES.

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

REMARKS:

Control of sound
Miscellaneous notes, few stars, fish
Holographs, etc

507.

Watch 307M slow

No. 2571 Date Sept-10-1880

Sigsbee Machine. 1 Reel.

Turns 1205 Cor. + 12 ft Depth 1356

Shot or lead 35 lb

Bottom Gy. M. S. G.

Bottom temperature 38.0

No. of thermometer 53731 Cor. -.2

Corrected temperature 37.8

Air 75 Surface 72 Drift 1-2 North

Trawl or dredge L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.34.10	03.25	0	1.07.00	2.1.00
.35.10	02.35	100	.11.50	1.6.25
.36.10	01.50	200	.14.50	1.3.00
.37.10	01.02	300	.18.10	1.9.35
.38.20	00.10	400	.21.00	06.00
.39.30	59.20	500	.25.50	5.02.20
.40.50	58.20	600	.29.50	58.50
.42.00	57.20	700	.33.10	55.00
.43.20	56.20	800	.37.20	51.25
.44.40	55.20	900	.41.45	47.50
.46.00	54.20	1000	.45.15	44.20
.47.35	53.10	1100	50.10	40.40
.49.20	51.50	1200	.54.10	36.25
50.40	51.15	1300	.58.30	32.20
		1400	1.02.30	28.00
		1500	.06.20	23.40
		1600	.10.00	19.25
		1700	.14.00	15.30
		1800	.17.00	10.70
		1900	.21.30	07.18
		2000	.24.00	4.03.10
		2100	.27.30	58.35
		2200	.31.05	3.54.35
		2300		
		2400		

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

3.54
2.31
1.23

35
31
30

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	65.2	53731	-.1	65.7
50	60	53733	+ .2	60.2
100	55.2	50312	-.3	54.8
200	45.2	50305 ³	-.2	45.7
300	42	52732	-.2	41.8
400	40 ²	54820	-.2	40
500	39 ²	53734	-.2	39.7
600	39 ³	524821	-.5	38.8
700	39 ²	53738	-.3	38.9
800	39	54823	-.1	38.9
900	38 ⁸	54820	-.3	38.5
1000				

REMARKS:

Under way
Star fish Oct Corolla
Bryozoa Sea anemone
Pteropoda Nautilinea
Terebratulid

SLP

No. 2572 Date Sept 2^d 1885

Sigsbee Machine. 1 Reel.

Turns 1615 Cor. + 154 Depth 1769

Shot or lead 35 lbs

Bottom gy oz.

Bottom temperature 38

No. of thermometer 53731 Cor. - .2

Corrected temperature 37.8

Air 72 Surface 72 Drift $\frac{1}{2}^m$ W.

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
08 00	53.05	0	5.00.00	4730
09.30	52.20	100	07.00	43.45
11.00	51.30	200	13.00	40.00
12.20	50.45	300	16.40	36.00
13.30	49.55	400	20.30	32.00
14.45	49.00	500	24.10	28.30
16 00	48.00	600	28.00	23.25
17.50	47.00	700	31.45	19.15
19.15	46.05	800	35.50	15.15
20.50	45.00	900	41.00	11.45
22.30	44.00	1000	45.00	08.15
24.30	42.50	1100	48.00	04.40
26.35	41.40	1200	51.20	0.130
28.45	40.30	1300	55.15	57.45
30.30	39.00	1400	58.45	54.30
32.10	37.10	1500	6 02.20	49.30
34.00	36.00	1600	05.20	44.30
		1700	10.10	39.30
		1800	14.30	34.45
		1900	18.30	29.00
		2000	22.15	20.30
		2100	26.15	13.30
		2200	30.00	07.00
		2300	34.00	8, 00.00
		2400	38.30	7.53.30

2500	6, 42.35	47.30
2600	46.25	41.00
2700	50.15	35.30
2800	54.20	7. 30.00
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:

Large quantity of foraminifera low of lump
 clay for bed shrimp net came up
 Very much torn in the net also a
 large number of good sized shells

SLP

12 minutes slow

No. 2573

Date

Sept 2^d 1885

Sigsbee Machine. / Reel.

Turns 1590 Cor. + 152

Depth 1742

Shot or lead 35

Bottom Gy. M. & S.

Bottom temperature 37½

No. of thermometer 53731

Cor. -.2

Corrected temperature

37.3

Air 71 Surface 71

Drift 1^m WNW.

Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
11,00,00	4320	0	12,00,00	14,30
01.00	4235	100	05.00	11.15
02.10	4145	200	08.45	07.45
03.20	4000	300	14.00	04.40
04.40	40.10	400	18.45	5 0 1.10
06.00	39.15	500	21.15	57.25
07.15	38.15	600	26.45	54.25
08.30	37.15	700	30.10	49.30
10,45	36.10	800	33.40	45.30
12.15	35.00	900	37.40	41.25
13.50	33.55	1000	41.00	36.20
15.30	32.50	1100	44.30	32.00
17.05	31.35	1200	48.30	27.00
18.40	30.15	1300	53.00	23.00
20,15	29.00	1400	56.50	19.00
22.00	27.45	1500	59.45	14.15
23.20	26.30	1590 1600	1 03.45	09.40
		1700	09.45	04.45
		1800	14.45	4 00 00
		1900	18.30	55.40
		2000	22.25	50.40
		2100	25.50	46.00
		2200	30.20	41.20
		2300	35.20	35.30
		2400	39.30	30.20

2500	1,45.00	- 25.15
2600	49.20	3.20.00
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	68 ³	53731	0	68.3
50	61	54821	0	61
100	53	54820	-.2	52.8
200	49 ⁴	52724	0	49.4
300	42 ¹	54823	-.1	42
400	40 ⁶	54822	-.4	40.2
500	40	53734	-.3	39.7
600	39 ⁶	53733	-.5	39.1
700	39 ⁶	53738	-.2	39.4
800	39	50312	-.4	38.6
900	39	52732	-.2	38.8
1000	38 ⁴	50306*	-.3	38.1

REMARKS: few Starfish, ophiurians, Sponges, coral, Hydroids; Gynadians in abundance; 1 or 2 Blue Hake.

Watch 45m slow

507
Q. 110

No. 85717a Date Sept 30/85

Sigsbee Machine. 1 Reel.

Turns 1840 Cor. + 169 Depth 2009

Shot or lead 60 lb

Bottom y.l. G. f. o. g.

Bottom temperature Still in register.

No. of thermometer Cor.

Corrected temperature

Air 63 Surface 71 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
3.30 40	18 25	0
31. 25	17. 30	100
32.15	16.50	200
33.10	15.55	300
34.10	15.00	400
35.15	14.15	500
36.20	13.15	600
37.30	12.05	700
38.40	11.00	800
39.50	09.50	900
40.05	08.35	1000
42.20	07.30	1100
43.40	06.10	1200
44.55	04.45	1300
46.20	03.25	1400
47.45	01.55	1500
49.05	4 00.30	1600
50.30	58.55	1700
52.00	57.20	1800
53.50	56.30	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 45 m slow

No. 2574 Date Sept 30/83

Sigsbee Machine. 1 Reel.

Turns 1636 Cor. + 155 Depth 1791

Shot or lead 60 lb

Bottom yf Glob g.

Bottom temperature 37

No. of thermometer 53733 Cor. - .3

Corrected temperature 36.7

Air 65 Surface 71 Drift 100 W

Trawl or dredge L. P.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.49.20	30.00	0	6.34.50	48.30
50.20	29.10	100	40.30	45.20
51.20	28.20	200	44.30	42.30
52.15	27.30	300	47.30	39.50
53.10	26.30	400	49.55	36.50
54.05	25.35	500	52.05	34.00
55.05	24.50	600	55.10	31.20
56.10	23.35	700	58.55	28.35
57.20	22.30	800	7.02.35	25.45
58.30	21.30	900	1.06.10	22.50
6.00.00	20.25	1000	09.50	20.00
01.30	19.30	1100	13.15	17.20
02.50	18.00	1200	17.15	14.15
04.10	16.50	1300	22.55	11.10
05.40	15.30	1400	25.50	08.05
06.53	14.25	1500	29.00	05.05
08.20	13.05	1600	33.10	01.45
09.00	12.20	1636 1700	36.55	58.20
		1800	41.30	54.40
		1900	44.30	51.50
		2000	47.40	47.20
		2100	50.40	40.45
		2200	54.10	40.45
		2300	57.40	36.00
		2400	8.01.15	32.50

34
45
7 19

	2500	06.30	28.40
	2600	11.30	23.05
	2700	15.30	9.18.30
	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:

List found 3 trawl weights
 1 Bad dredge 2 ring nets
 and rings

Watch 45 m slow

No. 2575 Date Sept-3d 1885

Sigsbee Machine. 1 Reel.

Turns 1559 Cor. + 15 Depth 1710.

Shot or lead 35 lb.

Bottom gy s.

Bottom temperature 37.5

No. of thermometer 53733 Cor. -.4

Corrected temperature 37.1

Air 64 Surface 71 Drift 1.4 west-

Trawl or dredge S. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
12.04.00	45.55	0	12.58.00	57.00
105.00	45.00	100	1.02.55	53.40
06.05	44.20	200	06.45	51.00
07.10	43.30	300	10.30	48.20
08.20	42.35	400	15.15	45.45
09.25	41.45	500	19.45	42.45
10.25	40.45	600	22.45	39.45
12.10	39.50	700	25.45	36.57
13.35	38.40	800	29.40	33.50
15.20	37.40	900	33.40	30.40
17.00	36.40	1000	37.30	27.40
18.50	35.35	1100	41.55	24.15
21.00	34.20	1200	45.15	21.00
23.05	33.10	1300	48.20	17.45
24.45	31.50	1400	51.20	14.15
26.40	30.30	1500	55.05	10.30
27.50	27.10	1600	58.00	07.30
		1700	2 02.35	03.30
	16.36	1800	06.25	59.55
	14.25	1900	09.50	57.55
	11.11	2000	13.35	53.30
	5.00	2100	17.30	49.00
	1559	2200	21.10	45.35
	3.40	2300	25.15	41.30
04.41	25	2400	30.00	37.45
	100			
	60			
	60			
	3.08			

2500	35.05	33.50
2600	34.05	31.27.50
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	71 ² / ₂	54821	0	71.2
50	59 ¹ / ₂	54823	0	59.1
100	53	53731	-.2	52.8
200	47 ¹ / ₂	52724	-.1	47.
300	41 ² / ₂	54822	-.4	41.3
400	40 ¹ / ₂	54820	-.2	40.2
500	40 ¹ / ₂	53738	-.2	39.8
600	39 ¹ / ₂	53734	-.3	39.3
700	39 ³ / ₂	54812	-.6	38.7
800	39	52732	-.2	38.8
900	38 ² / ₂	50372	-.4	38.4
1000	38 ³ / ₂	50306	-.3	38

REMARKS:

Contents of 10 and
 Midway few butter starfish
 few Holothurians few shells
 1 Red shrimp 1 Clams of Cingula
 few specimens Gorgonian Coral

SLP

No. 2576 Date Sept 4th 1883

Tanner Machine. Reel.

Turns 18 Cor. + Depth 18

~~Shot~~ or lead 18 lb

Bottom crs rch. S. yb Sp

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 61 Drift 1/4th NW x W.

Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<u>1.38 00</u>		0	<u>1 58 00</u>	<u>2.16.00</u>
		<u>75</u>	<u>2.02.00</u>	<u>2.11.00</u>
		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:

Large quantity of Bryozoa.
 1 *Lusitania heros*, Buccins.
 few Star fish & pale flounder
 Small Crabs.

SCP

No. 2577 Date Sept 4th 1885
 Tanner Machine. Reel.

Turns 31 Cor. + 1 Depth 32

~~Shot or lead~~ 18 lbs

Bottom hrd. yl. S + P

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 61 Drift $\frac{1}{4}$ ^m WNW

Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
2.52.00		3.53.00	0	2.55	16.00
			65	2.57.45	3.13.00
			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:
*few Buccins, Scallops
 and shells*

No. 2578 Date Sept 4th 1885
 Tanner Machine. Reel.

Turns 36 Cor. + 1 Depth 37

Shot or lead 18 lbs

Bottom fine wh. S. bk. sp.

Bottom temperature 54.5

No. of thermometer 53733 Cor. -.1

Corrected temperature 54.4

Air 63 Surface 60 Drift $\frac{1}{4}$ " WNW

Trawl or dredge S.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.M.

4.27.00 4.29.00

0

4.34.00

06.00

75

38.30

5.02.00

100

52.00

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:
 few shrimp, sand dollars,
 hake

No. 2579 Date Sept 4" 1884

Tanner Machine. Reel.

Turns 68 Cor. + 2 Depth 70~~Shot or lead~~ 18 lbsBottom fine dk. gy. S.Bottom temperature 42.8No. of thermometer 53733 Cor. -.6Corrected temperature 42.2Air 62 Surface 61 Drift 1/4th WTrawl ~~or dredge~~ S.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>P.M.</u> <u>6,17.00</u>	<u>6,19.00</u>	0	<u>6,20.00</u>	<u>50.30</u>
		100	<u>24.00</u>	<u>47.30</u>
		200	<u>28.00</u>	<u>6.44.00</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

123
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

Many large barnacles, few sea anemones, many shells, few flounders, + sculpions.

507. SLP

No. 2580 Date Sept 4th 1885

Tanner Machine. Reel.

Turns 81 Cor. + 2 Depth 83

~~Shot or lead~~ 18 lbs

Bottom y.l.s. bk. sp.

Bottom temperature 43

No. of thermometer 53733 Cor. -.6

Corrected temperature 42.4

Air 64 Surface 62 Drift $\frac{1}{4}^m$ W.

Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
8.04 00	8.07 00		0	8.10.00	43.20
.04.45	8.06 00		100	15.00	40.00
			200	20.00	36.45
			300	22.30	8. 35.00
			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:

Sea urchins sea anemones
few skates & sculpin, sponges,
shells, shrimp, assidians.

No. 2581 Date Sept-18th 1885

Sigsbee Machine. Reel.

Turns 355 Cor. + 39 Depth 394

Shot or lead 35 lb

Bottom gn, M

Bottom temperature same as surface

No. of thermometer Cor.

Corrected temperature

Air 66 Surface 70 Drift 1/2^m South

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.11.00	7.23.00	0	8.21.50	8.6.00
		100	28.05	10.02.30
		200	35.00	8.59.30
		300	38.45	8.56.20
		400	42.30	8.53.00
		500	48.30	8.49.50
		600	53.20	8.46.45
		700	56.45	8.43.55
		800	9.00.30	9.41.00
		900	* 21 7.21.00	21 10.02.00
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

at 7.25 am Dredge left ship
 haul line -
 at 11.55 - Dredge returned carrying
 1 large black shark / whitening 3 eels -

* Black eel about 21 minutes while
 haul was in water.

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:

Antennae of *Branchia*
 found - 1 *Griffiths* *Quinquedens*
 1 specimen *Salpae*.

Watch 17ms slow

507
H. M.

No. 858 Hyd. Date Sept. 18/85 -

Sigsbee Machine. / Reel.

Turns 264 Cor. + 27 Depth 291-

Shot or lead 35 lb

Bottom gn M

Bottom temperature

No. of thermometer did not trip. Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 08. 00	15. 45	0		
. 09. 05	14. 50	100		
. 10. 25	13. 30	200		
. 11. 20	12. 30	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:

SW watch 17 m slow

No. *2582* Date *Sept. 18 / 85*

Sigsbee Machine. / Reel.

Turns *124* Cor. + *13* Depth *137*

Shot or lead *35 lb*

Bottom *gnm.*

Bottom temperature *47.2*

No. of thermometer *53738* Cor. *-.3*

Corrected temperature *47.2*

Air *68* Surface *70* Drift *1/2 NE*

Trawl or dredge *L 18-*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>51.50</i>	<i>55.10</i>	0	<i>7.56. -</i>	<i>3 30. 15</i>
<i>53.05</i>	<i>54.40</i>	100	<i>40. -</i>	<i>25. 15</i>
<i>53.40</i>	<i>54.20</i>	200	<i>44.30</i>	<i>22 W</i>
		300	<i>50 -</i>	<i>3 17. 15</i>
		400		
		500		
		600		
		700	<i>66</i>	
		800	<i>17</i>	
		900	<i>2. 53</i>	
	<i>51</i>	1000		
	<i>17</i>	1100		
	<i>08 -</i>	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

at 2. Pm buoy attached was found

at 2.05 out fish trap.

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:

On tanks of sand
 Britten star fish abundant / Leptocaris
 P. castrina 1 octopus Bairdii common
 low

Oct. 17 AM watch 17 m slow

No. 2583 Date Sept. 18, 1885

Sigsbee Machine. 1 Reel.

Turns 120 Cor. + 10 Depth 131

Shot or lead 35

Bottom gn M. S.

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 70 Drift 1/2 SSW

Trawl or dredge L.P.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 52.40	56.20	0	4. 01.25	37.15
53.25		100	10.35	54.15
		200	14.10	31.30
		250		
		300	16.50	29.30
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

at 5.55 Fish trap up caught - one larva etc.

at 6.25 Day returned with trawl line caught 23 Skate.

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:

Burton starfish abundant
Epigonanthus americanus
Hermit crab, *Shell worm*
Archaeo *fish*

507. SLP

Watch 21 min. slow

No. 2584

Date Sept. 19th 1885

Sigsbee Machine. 1 Reel.

Turns 489 Cor. + 52 Depth 541

Shot or lead 35

Bottom gy M.

Bottom temperature 40

No. of thermometer 53733 Cor. -.5

Corrected temperature 39.5

Air 71 Surface 72 Drift 1^m S.

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6 12 00	28.30	0	6.41.00	24.30
" 13 20	27.30	100	45.30	21.10
" 14 25	26.15	200	49.15	17.40
15.50	25.00	300	53.15	14.40
16.50	23.30	400	57.00	11.00
17.30	6.21.30	500	7.01.20	07.40
		600	05.00	04.15
		700	09.00	8.00.30
		800	12.30	56.45
		900	16.00	7.53.00
		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.

Few crabs, starfish, several species of fish, 1 Bobtail Squid, Archæters - 3 or 4.

Watch 21 min. slow

5075 SLP

No. 859 Hyd Date Sept 19th 1885

Sigsbee Machine. 1 Reel.

Turns 596 Cor. + 63 Depth 659

Shot or lead 35

Bottom hrd

Bottom temperature 39 $\frac{1}{4}$

No. of thermometer 53733 Cor. - .5

Corrected temperature 38.8

Air 71 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.31.00	47.15	0
32.05	46.15	100
33.15	45.15	200
34.30	44.00	300
35.40	42.30	400
37.00	41.00	500
38.41	39.00	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:

607. S.S.P. Watch 21 min. slow

No. 860 Hyd Date Sept 19th 1885

Sigsbee Machine. Reel.

Turns 469 Cor. + 50 Depth 519

~~Shot or lead~~ 35

Bottom gn. M.

Bottom temperature 39.5

No. of thermometer 53733 Cor. -.5

Corrected temperature 39

Air 72 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9	20.00	31.15	0
	20.45	30.10	100
	21.40	29.10	200
	22.45	28.00	300
	23.50	26.40	400
	24.20	25.45	500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Took on board 2 boards,
covered with barnacles,
found floating.

Dory left the ship at 10:01
to fetch trawl line

Put over fish trap at 10:23
Lost fish trap, trawl buoy,
+ 546 fms of line.

Dory returned with Trawl line
at 14:02; no fish

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:

607 SLP Watch 21 min. slow

No. 2585 Date Sept. 19th 1885

Sigsbee Machine. 1 Reel.

Turns 490 Cor. + 52 Depth 542

Shot or lead 35

Bottom dk. gy M.

Bottom temperature 39.5

No. of thermometer 53733 Cor. -.5

Corrected temperature

Air 74 Surface 73 Drift $\frac{39}{2}$ m N.

Trawl or dredge L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 26.00	39.45	0	4.08.00	
" 26.45	39.00	100	14.30	
" 27.50	38.00	200	18.45	
" 29.00	37.00	300	22.30	
" 30.30	35.25	400	26.35	03.40
" 32.00	34.00	500	30.30	6.00.40
		600	34.00	57.45
		700	37.45	54.45
		800	41.25	51.45
		900	45.45	48.25
		1000	50.00	45.00
		1100	54.30	5.41.00
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Caught 3 sharks

lost 321 fms of wire rope
 1 L.B. Trawl & net
 1 Bobt dredge
 2 glass floats
 2 Thimbles. 1 Shackle & ball
 1 Trawl weight
 Out off 28 fms. kinked

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:

507. *John*

No. 861 Date Sept - 20th 1885

Sigsbee Machine. 1 Reel.

Turns 795 Cor. + 89 Depth 877

Shot or lead 35 lb

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>4.10 -</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		

Lead 35 lb. 800 turns of 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:

507. *AM*

No. 8624 Date Sept 20

Sigsbee Machine. 1 Reel.

Turns 655 Cor. + 60 Depth 715

Shot or lead 35 lb

Bottom gy. M.

Bottom temperature 39.2

No. of thermometer 53734 Cor. -.5

Corrected temperature 38.7

Air 70 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.54.45	19.15	0		
56.20	18.00	100		
57.05	16.50	200		
59.45	15.45	300		
7. 01.40	14.30	400		
03.45	13.10	500		
06.00	11.45	600		
07.15	11.00	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:

5000
1840

3160

Time 6:50

S. 86° - E

S + W $\frac{3}{4}$ W

7.27.45

S. 83°.30'

S S W $\frac{3}{4}$ W

30
3.1415

390
120
90
3.1415

91
8800
752
752
36) 827200 (22977
72
107
72
352
324
280
252
280
252
28
36

1760) 22977 (13
1760
5377
5280
97

$$\begin{array}{r} 5 \\ 866 \\ \hline 4134 \end{array}$$

$$\begin{array}{r} 5 \\ 772 \\ \hline 4228 \end{array}$$

$$\begin{array}{r} 5 \\ 638 \\ \hline 4362 \end{array}$$

$$\begin{array}{r} 4 \\ 5486 \\ \hline 4514 \end{array}$$

$$\begin{array}{r} 5 \\ 212 \\ \hline 4786 \end{array}$$

$$\begin{array}{r} 5 \\ 180 \\ \hline 4820 \end{array}$$

$$\begin{array}{r} 5 \\ 312 \\ \hline 4688 \end{array}$$

$$\begin{array}{r} 5 \\ 352 \\ \hline 4648 \end{array}$$

$$\begin{array}{r} 5 \\ 516 \\ \hline 4452 \end{array}$$

$$\begin{array}{r} 5000 \\ 1305 \\ \hline 3695 \end{array}$$

$$\begin{array}{r} 1293 \\ 3707 \\ \hline \end{array}$$

$$\begin{array}{r} 11270 \\ 3730 \\ \hline \end{array}$$

$$\begin{array}{r} 5000 \\ 1659 \\ \hline 3341 \end{array}$$

$$\begin{array}{r} 5000 \\ 122 \\ \hline 4876 \\ 4150 \\ \hline 30 \\ \hline 5127 \end{array}$$

$$\begin{array}{r} 5000 \\ 1615 \\ \hline 3385 \\ 130 \\ \hline 340 \end{array}$$

~~Walter~~

$$\begin{array}{r} 5000 \\ 1782 \\ \hline 3218 \end{array}$$

$$\begin{array}{r} 5000 \\ 489 \\ \hline 4511 \\ 5000 \\ 2410 \\ \hline 2590 \end{array}$$

Chicago
1235
87.55

$$\begin{array}{r} 4100 \\ 2721 \\ \hline 1377 \end{array}$$

$$\begin{array}{r} 5000 \\ 469 \\ \hline 4531 \end{array}$$

$$\begin{array}{r} 5000 \\ 1626 \\ \hline 3374 \end{array}$$

$$\begin{array}{r} 2120 \\ 613 \\ \hline 4500 \\ 3545 \end{array}$$

$$\begin{array}{r} 1626 \\ 155 \\ \hline 1781 \end{array}$$

$$\begin{array}{r} 360 \\ 35 \\ \hline 395 \end{array}$$

$$\begin{array}{r} 5000 \\ 375 \\ \hline 4225 \end{array}$$

$$\begin{array}{r} 211 \\ \hline 1 \\ 212 \end{array}$$

~~7.19'35~~

5000
4660
340

7.19'35" pm

3

23° 48' 30"

360

7.20' 48" pm.

23° 46' 00"

55

360 Turn = 400
 270 Turn = 300
 180 " = 200
 90 " = 100
 45 " = 50
 23 " = 25

Shot - 60 lb - 30 lb
 Lead - 35 lb - 25 lb - 18 lb.

5432 - 600

1		453
2	5000	
3	1873	
4	<hr/>	
5	3107	

Frank

26
<hr/>
104

30
<hr/>
810

Jane