

1898

Numbers 1286 to 1335

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 1286 to 1335

$$\begin{array}{r} 34 \\ 15 \\ \hline 19 \end{array}$$

1286

Specimens Obtained
Sharks flat fish. Sea Robbino
Lemonche Star fish. Hermit crabs



TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

Current number of observation, *1286*

Date, *Sept 6th 89*

Locality, *Munimsha Bayhi Vinograd Sound*

Bearings, *Gayhead N 78° E Quicks Hole N N W*

Tarpauline Cove N N E 1/4 E

Time of day, *11.22 Am* ; of tide, *High*

State of sky, *b-c*

Temperature of air, *63*

" surface of water, *63*

" at depth of _____ fathoms,

" of bottom, *63*

Depth, in fathoms, *9*

Nature of bottom, *Sand*

Direction of ~~surface current~~, *Wind North*

Force of ~~surface current~~, *Wind 4*

Direction of ~~bottom current~~, *Wind S 1/2 E mag 18*

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master U.S.N.*

Name and position of observer, *J. M. Smith
Master U.S.N.*

1287

REMARKS.

Specimens Obtained
Lobsters Flat Fish, Skates,
Sea Robbers Star Fish, Hermit Crabs

TEMPERATURE RECORD.

Instrument used, *Beau Trawl*
Current number of observation, *1287*
Date, *Sept 6th 88*
Locality, *Monmouth Right-Tongued Sound*
Bearings, *Cayhall N 1/4 S Luidskale N X W 7/8 W*
Torpaulin Cove N X E 3/4 E
Time of day, *11.37 Am*; of tide, *Waxt*
State of sky, *bc*
Temperature of air, *62*
" surface of water, *65*
" at depth of _____ fathoms,
" of bottom, *63*
Depth, in fathoms, *8. 1/4*
Nature of bottom, *Sand*
Direction of ~~surface current~~, *Drift N*
Force of ~~surface current~~, *Drift 4*
Direction of ~~bottom current~~, *Drift S E X E 1/2 E 7/8 N 1/8*
Force of bottom current,
Name of vessel, *U.S. Fish Hawk*
To what service attached, *U.S.F.C.*
Name and rank of commanding officer, *James A. Smith*
Master U.S.N.
Name and position of observer,
Washington
Master U.S.N.

1298

REMARKS.

Specimens Obtained
Shore flat fish sea Rabbits
Coral star fish, young eel
Sand crabs

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

Current number of observation, *1288*

Date, *Sept 6 88*

Locality, *Menemsha Bay Vineyard Sound*

Bearings, *Cay head N x S Quicks Hole N x W
L'Anapaulin Cove N E 3/4 E*

Time of day, *11 53 am*; of tide, *low*

State of sky, *bc*

Temperature of air, *62*

" surface of water, *65*

" at depth of fathoms,

" of bottom, *63*

Depth, in fathoms, *8*

Nature of bottom, *Sand*

Direction of ~~surface~~ *surface* current, *Westerly*

Force of ~~surface~~ *surface* current, *1/2*

Direction of ~~bottom~~ *bottom* current, *N x W*

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master U.S.F.C.*

Name and position of observer, *J. H. Sibley
Master U.S.F.C.*

1289

REMARKS.

Specimens Obtained

Winkles / Star fish. Razor fish shells
Scallop shell, Winkle spawn
~~Cl. shell~~ Stones. Conch, Quahog
shells, King crabs

1290

REMARKS.

Specimens Obtained
are *Leucopog. strea*

TEMPERATURE RECORD.

Instrument used, *Oyster Thermometer*

Current number of observation. *1290*

22

Date, ~~*Amazons Bay*~~ *Sept 13*

Locality, *Amazons Bay*

Bearings, *Cominicut Lt No N 7 E 1/4 E*

Warrick Lt - S 1/2 W. Allen Rock beacon S 1/4 N.

Time of day, *10.10 a.m.*; of tide. *Flood*

State of sky, *bc*

Temperature of air, *70*

" surface of water, *66*

" at depth of fathoms,

" of bottom, *67*

Depth, in fathoms, *3*

Nature of bottom, *Mud*

Direction of ~~surface current~~, *msd* *NSW*

Force of ~~surface current~~, *msd* *2*

Direction of bottom current.

Force of bottom current.

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *Jesse Abornide*
Captain U.S.N.

Name and position of observer,

J. M. Linn
Mate U.S.N.

1291
REMARKS.

*Specimens Obtained
Nothing*

TEMPERATURE RECORD.

Instrument used, *Dyster Sledge*

Current number of observation, *1291*

Date, *Sept 13" 88*

Locality, *Narracannett Bay*

Bearings, *Bonaventure to No 426 1/4 S*

Warrick to S 22 W 1/2 W. Allen Rock to N 22 E

Time of day, *10.30* ; of tide, *Half Flood*

State of sky, *bc*

Temperature of air, *70*

" surface of water, *66.5*

" at depth of _____ fathoms,

" of bottom, *66*

Depth, in fathoms, *4*

Nature of bottom, *Mud*

Direction of ~~surface~~ *Wind* current, *Calm*

Force of ~~surface~~ *Wind* current, _____

Direction of bottom current,

Force of bottom current,

Name of vessel, *U S Ste Fish Hawk*

To what service attached, *U S F C*

Name and rank of commanding officer, *James A Smith*

Master of Gun

Name and position of observer,

J. W. Lighton
Master of Gun

23

1292
REMARKS.

*Specimens Obtained
Nothing*

1293

REMARKS.

Specimens Obtained
Nothing

TEMPERATURE RECORD.

Instrument used, *Oyster dredge*

Current number of observation *1293*

25

Date, *Sept 13th 88*

Locality, *Stannard Bay*

Bearings, *Commenced at No. 10 north*

terminated at 2 1/2 N. Allow Rock Beacon N E

Time of day, *11.10 am*; of tide, *3/4 Flood*

State of sky, *bc*

Temperature of air, *72*

" surface of water, *67*

" at depth of fathoms,

" of bottom, *67*

Depth, in fathoms, *4*

Nature of bottom, *Mud*

Direction of surface current, *Wind N N W*

Force of surface current, *2*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master U.S.N.*

Name and position of observer, *Washington
Master U.S.N.*

1294

REMARKS.

Specimens Obtained

Flat Fish Spider Crabs
Oyster & scallop shells, young
cup head winkles, Hermit
Crab, & Clam shells

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

Current number of observation. *1294*

Date, *Sept 13" 88*

Locality. *Starragumite Bay*

Bearings. *Linnimut. to Ho N 1/4 W*

Warrick to N 1/2 S. Allen Rock beacon N 8 1/2 E

Time of day, *11:33 am*, of tide. *3/2⁵ Flood*

State of sky, *b-c*

Temperature of air, *72*

" surface of water, *67*

" at depth of fathoms,

" of bottom, *66*

Depth, in fathoms, *4*

Nature of bottom, *Mud*

Direction of ~~surface current~~, *Wind N NW*

Force of ~~surface current~~, *wind 2*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Fish Com. 26876*

To what service attached, *26876*

Name and rank of commanding officer, *James A. Smith
Master*

Name and position of observer, *John H. ...
Master*

1295
REMARKS.

Specimens Obtained
Lionfish, Squilla Flat fish,
1 Starfish Spider Crabs, Hermit
Crabs, Dead Clam shells
Skate Eggs.

TEMPERATURE RECORD.

Instrument used, *Beam Trawl* 27

Current number of observation. *1295*

Date, *Sept 13th 88*

Locality, *Naragansett Bay*

Bearings, *Commencement Pt No N 1/4 W*
Norwich Pt N 2 3/4 S. Allens Rock Beacon N 8 2 E

Time of day, *11.52 am*; of tide, *3rd Flood*

State of sky, *bc*

Temperature of air. *71*

“ surface of water, *67*

“ at depth of _____ fathoms,

“ of bottom. *66*

Depth, in fathoms, *3.5*

Nature of bottom, *Mud*

Direction of ~~surface~~ current, *Wind WNW*

Force of ~~surface~~ current, *Wind 2*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith*
Master U.S.N.

Name and position of observer, *J. M. S. S. S.*
Master U.S.N.

1296

REMARKS.

Specimens Obtained
King Crab / Starfish. Spider
Crabs, Scallops, Flat fish
Hermit crabs, Kelp, Young a cup

TEMPERATURE RECORD.

Instrument used, *Beaman Trawl* 28

Current number of observation, *1296*

Date, *Sept 13 88*

Locality, *Starbuck Point Bay*

Bearings, *Cornimicut Lt Ho N 1/4 W*
Warrick St N 1/4 W. Allen's Rock Beacon N 62 1/4 E

Time of day, *12:03 P.M.*; of tide, *3:25 Flood*

State of sky, *bc*

Temperature of air, *72*

“ surface of water, *67.5*

“ at depth of _____ fathoms,

“ of bottom, *66*

Depth, in fathoms, *8.2*

Nature of bottom, *Mud*

Direction of ~~surface~~ ^{*wind*} current, *N 1/4 W*

Force of ~~surface~~ ^{*wind*} current, *3*

Direction of bottom current,

Force of bottom current.

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith*
Master

Name and position of observer, *J. M. ...*
Master

1297

REMARKS.

Specimens Obtained
Same as 1296
with the exception of no star fish

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

29

Current number of observation, *1297*

Date, *Sept 13th 88*

Locality, *Barnegat Bay*

Bearings, *Comin. C. - S 40 N x W*

Warrick St. S x W 1/2 W. Allen Rock buoy S x N 1/4 N

Time of day, *12:50 pm*; of tide, *High water*

State of sky, *bc*

Temperature of air, *72*

" surface of water, *69*

" at depth of _____ fathoms,

" of bottom, *66.5*

Depth, in fathoms, *4*

Nature of bottom, *Gravel*

Direction of ~~surface current~~, *Wind S x W*

Force of ~~surface current~~, *2*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *No 576*

Name and rank of commanding officer, *James A. Smith
Master USN*

Name and position of observer, *J. M. Thompson
Master USN*

1298

REMARKS.

Specimens Obtained
Black Tommets & Shells
Starfish. Winkles flat fish

UNIVERSITY OF CALIFORNIA

TEMPERATURE RECORD.

Instrument used, *Beaman Trawl* 30
 Current number of observation, *1298*
 Date, *Sept 13" 88*
 Locality, *Harvey's Bay*
 Bearings, *Cominew - S 40° W x 1/4 N*
Warrivide Pt S 2° W, Allens Rock beacon E 3/4 N
 Time of day, *12.30 PM* ; of tide, *High Water*
 State of sky, *bc*
 Temperature of air, *72*
 " surface of water, *68.5*
 " at depth of fathoms,
 " of bottom, *66.5*
 Depth, in fathoms, *0*
 Nature of bottom, *Mud*
 Gravel
 Direction of surface current, *W 1/2 W*
 swimel
 Force of surface current, *2*
 Direction of bottom current,
 Force of bottom current.
 Name of vessel, *No 6 Fish Hawk*
 To what service attached, *No 676*
 Name and rank of commanding officer, *James A. Smith*
 Master of the
 Name and position of observer, *John Bright*
 Master of the

REMARKS.

Specimens Obtained
 Rock sponge & callop shells
 stones. 3 starfish. Head Razor
 fish shells. Few drills crabs

TEMPERATURE RECORD.

Instrument used, *Oyster bands* 21

Current number of observation, *1299*

Date, *Sept 18th 88*

Locality, *Farragut Bay*

Bearings, *Cominicus de Ho r r r r*

Narrick St. Allen Rock Beacon E. X. S

Time of day, *1. 30 P.M.*; of tide, *High water*

State of sky, *bc*

Temperature of air, *69*

" surface of water, *67*

" at depth of fathoms,

" of bottom, *67*

Depth, in fathoms, *5.2*

Nature of bottom, *Mud*

Direction of *Wind* surface current, *r r r r*

Force of *Wind* surface current, *3*

Direction of bottom current.

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith*

Master

Name and position of observer,

William H. ...
Master
SEWYDE

1800
REMARKS.

Specimens Obtained
Two boxes 4 - 4 some dead shells

TEMPERATURE RECORD.

Instrument used, *Oyster dredge* 52

Current number of observation. *1370*

Date, *Sept 13" 88*

Locality, *Massachusetts Bay*

Bearings, *Commencement Pt N N W*

Warrick Pt S N 1/4 W. Allen Rock Beacon E 1/4 S

Time of day, *1.04* ; of tide. *1st 2nd = Ebb*

State of sky,

Temperature of air. *72*

" surface of water, *66.5*

" at depth of _____ fathoms.

" of bottom, *66*

Depth, in fathoms, *3.5*

Nature of bottom, *Gravel*

Direction of ~~surface~~ ^{*Wind*} current. *N N W*

Force of ~~surface~~ ^{*Wind*} current. *3*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Ste Fish Hawk*

To what service attached, *26876*

Name and rank of commanding officer, *James A. Smith
Mate U.S.N.*

Name and position of observer, *J. M. [unclear]
Mate U.S.N.*

RECORDED

1301

REMARKS.

Specimens Obtained

Pipe fish, King Crabs, Flat fish

Spider Crabs, Hermit Crabs

Winkle spawn, Black Murel

Conchs, Scallop shells

TEMPERATURE RECORD.

52

Instrument used, *Beam Trawl*

Current number of observation, *1301*

Date, *Sept 13th 88*

Locality, *Warragaimutt Bay*

Bearings, *Conimicut Pt No N 22 1/4 W*

Norwich Id. S 22 1/2 W. Allens Rock Beacon E x 1 1/4 N

Time of day, *2:12 P.M.*; of tide, *1st Ebb*

State of sky,

Temperature of air, *72*

" surface of water, *66*

" at depth of fathoms,

" of bottom, *66*

Depth, in fathoms, *4*

Nature of bottom, *Mud*

Direction of surface current, *Wind W x W*

Force of surface current, *Wind 3*

Direction of bottom current.

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master U.S.N.*

Name and position of observer, *J. M. Smith
Master U.S.N.*

1302

REMARKS.

Specimens Obtained
Flat fish Winkles, Dead
Oyster & Scallop shells. Hermit
Crab & Lady Crabs

TEMPERATURE RECORD.

Instrument used, *Beam Trawl* 30
 Current number of observation, *1302*
 Date, *Sept 13th 88*
 Locality, *Narrow Inlet Bay*
 Bearings, *Commencement Pt N 50 W x N 1/2 N*
Warrick Is N x S 1/4 S. Adams Rocks Beacon N 24 E
 Time of day, *2.24 Pm*; of tide, *1st 2nd Ebb*
 State of sky, *bc*
 Temperature of air, *72*
 " surface of water, *67*
 " at depth of _____ fathoms,
 " of bottom, *65*
 Depth, in fathoms, *5.5*
 Nature of bottom, *Mud*
 Direction of surface current,
 Force of surface current,
 Direction of ~~bottom~~ *surface* current, *Wind N x W*
 Force of ~~bottom~~ *surface* current, *3*
 Name of vessel, *U.S. Fish Hawk*
 To what service attached, *U.S.F.C.*
 Name and rank of commanding officer, *James A. Smith*
Master
 Name and position of observer, *Johnston*
Master

1308

REMARKS.

Specimens Obtained
Oyster & clam shells / starfish
& squid

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

Current number of observation, *1303*

Date, *Sept 13th 88*

Locality, *Manomet Bay*

Bearings, *Cominicut - to N 50° W x N 7/4 N*
to N 18 1/2 S Allen Rock beam N E 1/4 E

Time of day, *2.34 pm* ; of tide, *1st 2nd Ebb*

State of sky, *bc*

Temperature of air, *72*

“ surface of water, *67*

“ at depth of _____ fathoms,

“ of bottom, *65*

Depth, in fathoms, *5 1/2*

Nature of bottom, *Gravel*

Direction of ~~surface current~~ *wind* *W or W*

Force of ~~surface current~~ *wind* *3*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith*
Master U.S.F.C.

Name and position of observer, *J. M. S. [unclear]*
Master U.S.F.C.

1304

REMARKS.

Specimens Obtained
Flat fish Hermit crabs
Spider crabs. Hermit crabs
Shells & stones. Star fish 1

1305

REMARKS.

Specimens Obtained
Flat fish, Spider Crabs, Conch
Hairs, Pipe fish, dead oyster &
Scallop shells

1306

REMARKS.

Specimens Obtained
Kushko & Munk's shells

[Faint, illegible handwritten text follows, likely describing the collection process and specimen details.]

GEORGE B. WILSON

- 1307

REMARKS.

Specimens Obtained
Starfish flat fish Hairs oysters
shell mussel shells Candles
Lobsters scallop shell Spider
Crabs, King crabs, Small fish

1308

REMARKS.

Specimens Obtained
Starfish Green sculp Hair Skate
Spider crabs King crabs Hermit
Crabs Conchs. Oyster & Clam and
scallop shells

TEMPERATURE RECORD.

40

Instrument used, *Beam Trawl*

Current number of observation, *1308*

Date, *Sept 17 88*

Locality, *Providence River*

Bearings, *Cominical - S 83/4 S*

Bullock's - N W Ayat Pt C & S

Time of day, *12:06* ; of tide, *1.22 Flood*

State of sky, *clear*

Temperature of air, *52*

" surface of water, *64*

" at depth of fathoms,

" of bottom, *64.5*

Depth, in fathoms, *52*

Nature of bottom, *fine broken shells*

Direction of ~~surface current~~, *wind South*

Force of ~~surface current~~, *wind 2*

Direction of ~~bottom current~~, *drift*

Force of bottom current,

Name of vessel, *No 015 Fish Hawk*

To what service attached, *No 846*

Name and rank of commanding officer, *James H. Smith Mate USA*

Name and position of observer, *J. M. Livingston Mate USA*

1309

REMARKS.

Specimens Obtained

Same as 1308 except no starfish

TEMPERATURE RECORD.

Instrument used, *Beam Trawl* 41
Current number of observation, *1009*
Date, *Sept 17 88*
Locality, *Providence River*
Bearings, *Commencet di-18 3/4 S*
Bullock's Pt W Sayet Pt E 1/2 S
Time of day, *7.49* : of tide, *14.27 Ebb*
State of sky, *Cloudy*
Temperature of air, *68*
" surface of water, *66*
" at depth of _____ fathoms,
" of bottom, *66*
Depth, in fathoms, *5*
Nature of bottom, *Grind*
Direction of ~~surface current~~, *Wind S*
Force of ~~surface current~~, *Wind 2*
Direction of ~~bottom current~~, *Drift*
Force of bottom current,
Name of vessel, *U.S. Fish Hawk*
To what service attached, *U.S. 76*
Name and rank of commanding officer, *Jesse A. Smith*
Master USN
Name and position of observer,
J. H. Lightham
Master USN

1310

REMARKS.

Specimens Obtained
Shells, Crabs, Winkles, Flat
fish.

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

Current number of observation, *1310*

42

Date, *Sept 17 88*

Locality, *Providence River*

Bearings, *Conimicut Pt S E & S*

Bullocks Pt S. W. Sayat Pt E & E

Time of day, *7.54* ; of tide, *1st 2nd Ebb*

State of sky, *Cloudy*

Temperature of air, *68*

" surface of water, *66*

" at depth of fathoms,

" of bottom, *66 f*

Depth, in fathoms, *4 1/2*

Nature of bottom, *Mud*

Direction of ~~surface~~ ^{*Wind*} current, *S*

Force of ~~surface~~ ^{*Wind*} current, *2*

Direction of ~~bottom~~ ^{*Drift*} current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master*

Name and position of observer, *J. M. Lighton
Master*

1881

REMARKS.

Specimens Obtained
Spider Crabs Flat fish
Young scup

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*
 Current number of observation, *1311* *43*
 Date, *Sept 17*
 Locality, *Providence River*
 Bearings, *Conimicut Pt S E 7/8 S*
Rulloch Island N E 1/4 E Sabins Pt N 1/2 W
 Time of day, *7:57* ; of tide, *1 1/2 Ebb*
 State of sky, *Cloudy*
 Temperature of air, *68*
 " surface of water, *65*
 " at depth of _____ fathoms,
 " of bottom, *6.6*
 Depth, in fathoms, *4 1/4*
 Nature of bottom, *mod*
 Direction of ~~surface~~ *wind* current, *S*
 Force of ~~surface~~ *wind* current, *2*
 Direction of ~~bottom~~ *drift* current,
 Force of bottom current.
 Name of vessel, *U.S. Ste Fish Hawk*
 To what service attached, *U.S.F.C.*
 Name and rank of commanding officer, *James B. Smith*
Master U.S.N.
 Name and position of observer, *J. M. Smith*
Master U.S.N.

1112

REMARKS.

Specimens Obtained
Spider Crabs flat fish
Oysters & scallop shells

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*

Current number of observation, *1312*

44

Date, *Sept 17th 88*

Locality, *Providence River*

Bearings, *Cominical de E E X S*

Bullocks de X E X E 1/4 E Estinodt - North

Time of day, *8.04* ; of tide, *1st Ebb*

State of sky, *cloudy*

Temperature of air, *68*

“ surface of water, *66*

“ at depth of _____ fathoms,

“ of bottom, *66*

Depth, in fathoms, *5*

Nature of bottom, *Mud*

Direction of ~~surface~~ ^{*wind*} current, *South*

Force of ~~surface~~ ^{*wind*} current, *2*

Direction of ~~bottom~~ ^{*drift*} current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master U.S.N.*

Name and position of observer, *J. M. Longfellow
Master U.S.N.*

1313

REMARKS.

Specimens Obtained
Minkels Flat Fish Spider
Crabs Oyster & Scallop shells

ORDER 10071000

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*
Current number of observation, *1313* *45*
Date, *Sept 17th 88*
Locality, *Providence River*
Bearings, *Cominicut Lt SE x S 1/2 S*
Bullocks Lt SE x E 1/4 E *Sabins Lt North*
Time of day, *8-09* ; of tide, *7⁴⁵ Ebb*
State of sky, *clear*
Temperature of air, *68.5*
" surface of water, *66.5*
" at depth of _____ fathoms,
" of bottom, *66*
Depth, in fathoms, *6 1/2* ✓
Nature of bottom, *Mud*
Direction of surface current, *Mud* *South*
Force of surface current, *2*
Direction of bottom current, *South*
Force of bottom current,
Name of vessel, *U.S. Fish Hawk*
To what service attached, *U.S.F.C.*
Name and rank of commanding officer, *James A. Smith*
Master USN
Name and position of observer, *John H. ...*
Master USN

1314

REMARKS.

Specimens Obtained
King Crab. Flat fish, Lady crab
Hermit & spider crabs, Young skate
~~Winkles~~ Winkles, Oyster, Luchog + Scallop
shells.

1315

REMARKS.

Specimens Obtained
King + Hermit Crabs. Mollusk
shells. Clams. Flat fish & callop
/ small star fish.

1316

REMARKS.

Specimens Obtained
Skate Flatfish Hair
Squilla Gonyacup, Squid
King Crab, Butter fish, Shell
shells. Hermit-crab, Winkel
stones.

TEMPERATURE RECORD.

Instrument used, *Beam Trawl*
Current number of observation, *1816* *68*
Date, *Sept 19*
Locality, *Narragansett Bay*
Bearings, *Winnicut Pt No N W 1/4 N*
Winnicut Pt No S W 1/4 S
Time of day, *10 50* ; of tide, *Ebb 1/2*
State of sky, *Cloudy*
Temperature of air, *68*
" surface of water, *65*
" at depth of fathoms,
" of bottom, *63*
Depth, in fathoms, *5*
Nature of bottom, *Mud*
Direction of surface current, *Wind N N W*
Force of surface current, *Wind 1/2*
Direction of bottom current, *Wind*
Force of bottom current,
Name of vessel, *U.S. Fish Hawk*
To what service attached, *U.S. F.C.*
Name and rank of commanding officer, *James A. Smith*
Master U.S.N.
Name and position of observer, *John H. Smith*
Master U.S.N.

1317

REMARKS.

Specimens Obtained
King crabs Spider + Hermit crabs
Flatfish, Kelp, Head scallop
& oyster shells.

1318

REMARKS.

Specimens Obtained

10 Star fish, Flat fish, King Crabs
Winkles, Hermit Crabs, Spider
Crabs, Hog choker

1319
REMARKS.

Specimens Obtained
King crabs flat fish, Jelly fish
Hermit + Spider Crabs, Kelp
oyster + scallop shells

[Faint, illegible text, likely bleed-through from the reverse side of the page]

TEMPERATURE RECORD.

Instrument used, *Beam Trawl,*
Current number of observation, *1319* *71*
Date, *Sept 19" 88*
Locality, *Narragansett Bay*
Bearings, *Coariseicut to Ho Rr 3/4 Or*
Marwick to S R 1/4 R. Allens Rock Beacon E 1/2 S
Time of day, *11.50 am*; of tide, *Ebb 3/2 2 1/2*
State of sky, *cloudy*
Temperature of air, *60*
" surface of water, *65*
" at depth of _____ fathoms,
" of bottom, *63*
Depth, in fathoms, *5*
Nature of bottom, *1 Mud & shell*
Direction of ~~surface current~~, *Trawl N N W*
Force of ~~surface current~~, *Wind 2*
Direction of ~~bottom current~~, *drift*
Force of bottom current,
Name of vessel, *U.S. Steamer Fish Hawk*
To what service attached, *U.S. F.C.*
Name and rank of commanding officer, *James A. Smith*
Comdr U.S.N.
Name and position of observer, *J. M. Thompson*

1320

REMARKS.

Specimens Obtained
 Young 2 cup Flat fish Skate
 4 Star fish, Spider & hermit crabs
 Head oyster & scallop shells
 Small crustaceans

1321
REMARKS.

Specimens Obtained
Flat fish spider crabs
King Crab skate, Pipe fish
Sculpin, sea oyster & scallop
shell.

1322

REMARKS.

Specimens obtained
Skate flat fish. Gornil Crab
Dead oyster Scallops & Mussel shell

1323

REMARKS.

Specimens obtained
head oyster & scallop shells
and

1324
REMARKS.

Specimens Obtained
Lure oyster & scallop shells and
4 sponges.

TEMPERATURE RECORD.

Instrument used, *Dryden Hydrometer*

Current number of observation, *1324*

76

Date, *Sept 24*

Locality, *Provo River*

Bearings, *Cominicut Lt S 1/2 E*

Bullocks Pt NW 1/4 N Sayat Pt S E 3/4 E

Time of day, *1:15 Pm* : of tide, *1st Dr Ebb*

State of sky, *Partly Cloudy*

Temperature of air, *58*

“ surface of water, *64.5*

“ at depth of fathoms,

“ of bottom, *63*

Depth, in fathoms, *2 3/4*

Nature of bottom, *Mud*

Direction of ^{*Wind*} surface current, *NNE*

Force of ^{*Wind*} surface current, *3*

Direction of bottom current,

Force of bottom current,

Name of vessel, *Fish Hawk*

To what service attached, *USFB*

Name and rank of commanding officer, *James A. Smith*

Name and position of observer, *W. H. Smith*

Master

Master

1325

REMARKS.

Specimens Obtained

Small Oyster & scallop shells

Hermit Crabs & small stones

3 Starfish

1326
REMARKS.

Specimens Obtained
Rocks sponges, dead oysters & scallop
shells.

1927
REMARKS.

Specimens Obtained
Black mussels and dead shells.
+ 2 starfish.

TEMPERATURE RECORD.

Instrument used, *Oyster dredge*

Current number of observation, *1327*

79

Date, *Sept 24 84*

Locality, *Pass River*

Bearings, *Cominicut Lt S 1/4 E*

Bullock Lt N 1/4 W Sayat Pt S E 1/4 S

Time of day, *2.10 pm*; of tide, *1st Dr Ebb*

State of sky, *bc*

Temperature of air, *58*

" surface of water, *64.5*

" at depth of fathoms,

" of bottom, *64*

Depth, in fathoms, *10 1/2 feet*

Nature of bottom, *Hard*

Direction of ~~surface~~ *wind* current, *N + E*

Force of ~~surface~~ *wind* current, *3*

Direction of bottom current,

Force of bottom current,

Name of vessel, *Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James G. Smith*

Master

Name and position of observer, *W. L. ...*

Master

REMARKS.

Specimens obtained
small clam and oyster shells.
3 starfish 2 winkles.

TEMPERATURE RECORD.

Instrument used, *Oyster dredge*

Current number of observation, *1328* *480*

Date, *Sept 24 88*

Locality, *Prin River*

Bearings, *Cominical - S - S 1/2 E*

Bullocks to NW 1/4 N. Bay at Pt - S E L S

Time of day, *2.20 P.M.*; of tide, *Low Ebb*

State of sky, *Clear*

Temperature of air, *58*

" surface of water, *64.15*

" at depth of fathoms,

" of bottom, *64*

Depth, in fathoms, *11 feet*

Nature of bottom, *Sand*

Direction of ~~surface~~ *Wind* current, *N. N. E*

Force of ~~surface~~ *Wind* current, *3*

Direction of bottom current,

Force of bottom current,

Name of vessel, *U.S. Fish Hawk*

To what service attached, *U.S.F.C.*

Name and rank of commanding officer, *James A. Smith
Master USN*

Name and position of observer, *J. M. S. Wright
Master USN*



1829

REMARKS.

Specimens Obtained
Sea Shell, Oyster and
Gallop shells.

2 Starfish

TEMPERATURE RECORD.

Instrument used, *Oyster dredge*
 Current number of observation, *1329* # *81*
 Date, *Sept 24 88.*
 Locality, *Proctor River*
 Bearings, *Linnicut Pt. South*
Bullocks Pt. SW Sayat Pt. 88 1/4 E
 Time of day, *2.34* ; of tide, *2" 2^d Ebb*
 State of sky, *bc*
 Temperature of air, *58*
 " surface of water, *64.5*
 " at depth of fathoms,
 " of bottom, *CF*
 Depth, in fathoms, *2 1/4*
 Nature of bottom, *Sand*
 Direction of ~~surface~~ ^{*Wind*} current, *NNE*
 Force of ~~surface~~ ^{*Wind*} current, *2*
 Direction of bottom current,
 Force of bottom current,
 Name of vessel, *Fish Hawk*
 To what service attached, *U.S.F.C.*
 Name and rank of commanding officer, *James A. Smith*
Master
 Name and position of observer,
J. M. Linnicut
Master

1880

REMARKS.

Specimens Obtained
Near Clam & head cysts shells
Reared from

TEMPERATURE RECORD.

Instrument used, *Optic Sounding*

Current number of observation, *1330* # *85*

Date, *Sept 21 88*

Locality, *Proctor River*

Bearings, *Cominical St S 1/4 W*

Bullock's Lt - NW 1/4 & W 1/2 W Stay at Pt SE 1/4 S 1/4 8

Time of day, *3.12 P*; of tide, *1/2 Ebb*

State of sky, *Clear*

Temperature of air, *60*

" surface of water, *64*

" at depth of fathoms,

" of bottom, *64*

Depth, in fathoms, *8 1/2 fath*

Nature of bottom, *Sand*

Direction of ~~surface current~~ *Wind N N E*

Force of ~~surface current~~ *3*

Direction of bottom current,

Force of bottom current,

Name of vessel, *Fish Hawk*

To what service attached, *U S F C*

Name and rank of commanding officer, *James A. Smith Mate USN*

Name and position of observer, *J. M. Lighton Mate USN*

1882
REMARKS.

Specimens Obtained
And then + head of the shell
sea wall + grass

1333
REMARKS.

Specimens Obtained
Seasoned & Pressed

1834
REMARKS.

Lead Oyster & clam shells, sea
were 1 fathom.

TEMPERATURE RECORD.

Instrument used, *Oyster dredge* #88

Current number of observation, *1333*

Date, *Sept 24 88*

Locality, *Piro River*

Bearings, *Cominicut Lt S x W 1/4 W*

Bullheads Lt x W 1/4 W Sayat Pt S E x S

Time of day, *3.35* ; of tide, *3/2^r Ebb*

State of sky, *Clear*

Temperature of air, *60*

" surface of water, *64.5*

" at depth of fathoms,

" of bottom, *64*

Depth, in fathoms, *5 feet*

Nature of bottom, *Sand*

Direction of ~~surface~~ *round* current, *N N E*

Force of ~~surface~~ *round* current, *3*

Direction of ~~bottom~~ *swift* current,

Force of bottom current,

Name of vessel, *Fish Hawk*

To what service attached, *2676*

Name and rank of commanding officer, *James A Smith*
Master USN

Name and position of observer, *J. M. Smith*
Master USN

1335
REMARKS.

head open shells
3 Starfish

TEMPERATURE RECORD.

Instrument used, *Optical depth* 89

Current number of observation, *1334*

Date, *Sept 28 88*

Locality, *Porro River*

Bearings, *Laminiau N-57°E*

Bullo de la Cruz ~~at~~ *sayat* *12 1/4*

Time of day, *11:30 am*; of tide, *4" Or Flood*

State of sky, *Cloudy*

Temperature of air, *61*

" surface of water, *64*

" at depth of fathoms,

" of bottom, *65*

Depth, in fathoms, *2 3/4*

Nature of bottom, *Hard*

Direction of ~~surface~~ *wind* current, *N E*

Force of ~~surface~~ *wind* current, *2*

Direction of ~~bottom~~ *wind* current,

Force of bottom current,

Name of vessel, *Fish Hawk*

To what service attached, *26 7 6*

Name and rank of commanding officer, *James A. Smith*
Master

Name and position of observer, *J. M. Lighton*
Master

1336
REMARKS.

Specimens Obtained
1 star fish & dead Oyster shells

1527

REMARKS.

14 - 19"

6 1/2

15 - 1/4 "

5 1/2

20.6

44 15-

53, 58

91-

2 Stomachs dead oyster shells

93 dead oyster shells

101

103

104

118

119

17
68
85

121
20
37

111111

44

... ..