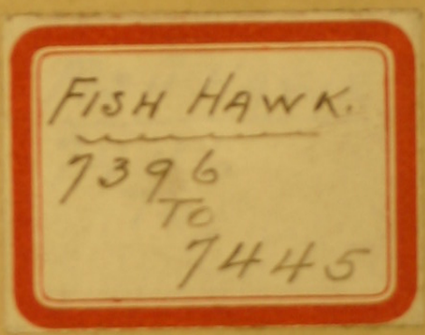
Fish Hawk

Copying

From June 5th to June 30th 1903

Serial Nos 7396 to 7445



RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7396

Date, Jan 5 1903

Time of day, 12.53 ; of tide, 3/4 flood

Locality, Bahia Honda Harbor Xha

Exact position, Near P S Buoy

Depth, 15 feet

Nature of bottom, rocky and dead shells

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, 1/16 mile

Temperature of air, 68 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0240 temp., Celsius. 21.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7x50

Barometer reading, 29.87

State of sky, Partly cloudy

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 396

1 piece of coral
1 black sea urchin

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 3 KH

Date, Jan 5 1903

Time of day, 1.21 ; of tide, High water

Locality, Big Spanish Key Channel

Exact position, Between Little Pine Key and N. Knn Key Fla.

Depth, 13 feet

Nature of bottom, rocky

Dredging instrument used, 3 ft beam trawl & small scrape dredge

Direction of drift, N-W ; distance, 1/16 mile

Temperature of air, 70 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0233 " 21

Number of salinometer, 1450

Barometer reading, 29.86

State of sky, Partly Cloudy

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

Vernon E. West

NOTES RELATING TO STATION NO. 7397

Few small worms
Amphipods
1 small crab
1 fish
1 shrimp

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1398

Date, Jan 5th 1903

Time of day, 1 PM ; of tide, Height water

Locality, Big Spanish Key Channel

Exact position, Between Curtis Key and Bunny Key Fla

Depth, 11 feet

Nature of bottom, Mud and rock

Dredging instrument used, 3 ft beam trawl with small scrape dredge

Direction of drift, SW ; distance, 1/16 mile

Temperature of air, 70 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0238 temp., Celsius. 21.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 1250

Barometer reading, 29.86

State of sky, Cloudy clear

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Harold E. Wirt

NOTES RELATING TO STATION NO. 1598

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7399

Date, Jan 5th 1903

Time of day, 3.12 ; of tide, 1/4 ebb

Locality, Friend Key Lake, Fla.

Exact position, Opposite south end of Johnsons Key

Depth, 13 feet

Nature of bottom, Rocky

Dredging instrument used, 30 beam trawl & small scraper dredge

Direction of drift, SW ; distance, 1/4

Temperature of air, 69 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0241 temp., Celsius. 21

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.85

State of sky, Partly clear

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. Witt

NOTES RELATING TO STATION NO. 1399

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7X00

Date, Jan 5th 1903

Time of day, 3 P.M. ; of tide, 1/4 ebb

Locality, Friend Key Lake Fla

Exact position, Southwest end of Friend Key Lake Fla

Depth, 11 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, S.E. ; distance, 1/16

Temperature of air, 69 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0243 temp., Celsius. 21

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7X50

Barometer reading, 29.85

State of sky, Partly clear

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7100

Few shrimps and crabs
" worms
Several amphipods
1 grass sponge
A few glove and loggerhead sponges

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7X01

Date, Jan 7 1903

Time of day, 830 am ; of tide, 1/4 ebb

Locality, Money Key Lake Fla.

Exact position, 1/2 mile north of Eastern end of Bahia Honda Key

Depth, 8 feet

Nature of bottom, Rocky

Dredging instrument used, small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 62 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0253 temp., Celsius. 17.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7X50

Barometer reading, 30.04

State of sky, Partly clear

Direction of wind SSW ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7K01

Date, Jan 9 1903

Time of day, 8 20 AM ; of tide, ½ ebb

Locality, Money Key Lake Fla.

Exact position, ½ mile north of Eastern end of Bahia Honda Key

Depth, 8 feet

Nature of bottom, Rocky

Dredging instrument used, small scrape dredge

Direction of drift N.E. ; distance, ½ mile

Temperature of air, 62 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0253 temp., Celsius. 17.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7K50

Barometer reading, 30.04

State of sky, Partly clear

Direction of wind SSW ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Warren E. Burk

NOTES RELATING TO STATION NO. 7101

1 sheets wall sponge
1 small eel
3 species of shrimps
1 wollusk
3 small fish

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7402

Date, Jan 7th 1903

Time of day, 9.02 AM ; of tide, 1/4 ebb

Locality, Pigeon Key Lake Fla

Exact position, Nearly 1 mile N N E 1/2 E of Money Key

Depth, 9 feet

Nature of bottom, Sand and grass

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0252 temp., Celsius. 17.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.06

State of sky, Partly cloudy

Direction of wind S.W. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7402

2 species of shrimp
2 " " worms
Amphipods
Crabs
2 species of fish
1 brittle star
1 new species Alpheus?

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7K03

Date, June 9 1903

Time of day, 9K0 AM ; of tide, ½ ebb

Locality, Pigeon Key Lake Fla

Exact position, 1 mile S.S.E. Pigeon Key

Depth, 7 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, ½ mile

Temperature of air, 6K Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0278 temp., Celsius. 18.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7K50

Barometer reading, 30.05

State of sky, Clear.

Direction of wind S.W. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

Warren E. Watts

NOTES RELATING TO STATION NO. 7103

2 species of shrimp
1 small fish
3 species of crabs
Amphipods
Several dough head and finger sponges
Few worms

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7404

Date, Jany 7 1903

Time of day, 10.25 am ; of tide, 3/4 ebb

Locality, Pigeon Key Lake Fla

Exact position, 1 mile East of East Bahia Honda Key

Depth, 10 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.W.W. ; distance, 1/16 mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0244 temp., Celsius. 19

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.05

State of sky, Clear

Direction of wind S.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. Tort

1 star fish
3 species of crabs
3 " " fish
2 " " shrimps
Few finger sponges
" pieces of coral

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7X05

Date, January 5 1903

Time of day, 10.50 AM ; of tide, Low water

Locality, Pigeon Key Lake Fla

Exact position, 1 mile East of Signal Corral.

Depth, 10 feet

Nature of bottom, Rock

Dredging instrument used, Small scrape dredge

Direction of drift, East ; distance, 1/16 mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0248 temp., Celsius. 17.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7X50

Barometer reading, 30.05

State of sky, Clear

Direction of wind S.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Warren E Wait

NOTES RELATING TO STATION NO. 7x05

2 species of fish
several crabs
2 worms
3 small sheep's wool sponge

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2406

Date, June 9th 1903

Time of day, 11.20 AM ; of tide, Low water

Locality, Pigeon Key Lake Fla.

Exact position, 2½ miles N.E. of Pigeon Key
½ westward of Big Bunk

Depth, 10½ feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, S.W. ; distance, ½ mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0236 temp., Celsius. 18.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 1451

Barometer reading, 30.24

State of sky, Clear.

Direction of wind SW. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Warren Eckert

NOTES RELATING TO STATION NO. 1160

1 small fish
v " grass shrimps
1 worm

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7407

Date, Jan 7 1903

Time of day, 11.55 A.M. ; of tide,

Locality, Pigeon Key Lake Fla

Exact position, 2 3/4 Miles N.N.W. of Molasses Key

Depth, 9 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, small scrape dredge

Direction of drift, SW ; distance, 1/16 mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0242 temp., Celsius. 18

" at depth of fathoms, "

" at bottom, X. "

Number of salinometer, 7450

Barometer reading, 3003

State of sky, Clear

Direction of wind SW ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7407

1 small fish
1 bow "
1 shrimp.
1 loggerhead sponge

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 4468

Date, June 9th 1903

Time of day, 12.20 PM ; of tide, 1/4 Flood

Locality, Pigeon Key Lake Fla

Exact position, 1½ miles NE & E of Pigeon Key

Depth, 12 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 68 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0240 temp., Celsius. 18.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 4450

Barometer reading, 30.03

State of sky, Partly clear

Direction of wind NW ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Vernon E West

NOTES RELATING TO STATION NO. 7406

w Fish
Few mirables

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2404

Date, June 9th 1903

Time of day, 300 P.M. ; of tide, 1/2 flood

Locality, Pigeon Key Lake Fla

Exact position, 1 1/2 miles N.N.W. of Knights Key

Depth, 10 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, Small U.S. scrape dredge

Direction of drift, N.E. ; distance, 1/16 miles

Temperature of air, 65 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0248 temp., Celsius. 18

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 2450

Barometer reading, 29.98

State of sky, Partly cloudy

Direction of wind S.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Norman E. Wait

NOTES RELATING TO STATION NO. 7409

5 small fish
1 sheeps wool sponge
several loggerhead sponges
1 bivalve
several univalves
several crabs

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. Tot 10

Date, Jan 8 1903

Time of day, 8.45 AM ; of tide, 1/2 ebb

Locality, North of Knights Key Channel 4th

Exact position, 1/2 mile to the eastward of middle of Big Bank

Depth, 9 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, West ; distance, 1/16 mile

Temperature of air, 66 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0240 temp., Celsius. 18.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, Tot 50

Barometer reading, 29.90

State of sky, Clear

Direction of wind N.N.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7 & 10

2 small sheepis wool sponges
1 " fish
several crabs
1 grass sponge
several finger sponges
" worms
2 species of shrimp

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7K11

Date, Jan 22 1903

Time of day, 8A10 AM ; of tide, 1/2 Flood

Locality, N of Knights Key Channel

Exact position, 3 1/2 miles Ex N of East Bahia Honda Key

Depth, 10 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N-W. ; distance, 1/16 mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0279 temp., Celsius. 7-0

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7K50

Barometer reading, 30.01

State of sky, Cloudy

Direction of wind N-W ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Vernon E. West

NOTES RELATING TO STATION NO. 1411

2 species of fish
3 " worms
3 " crabs
1 " gorgonian
6 " sponges
Several anemones

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7412

Date, Jany 22 1903

Time of day, 9.20 am ; of tide, 1/2 flood

Locality, North of Knights Key Fla.

Exact position, 3 mile N E of East Bahia Honda Key

Depth, 11 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N W ; distance, 1/16 mile

Temperature of air, 70 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0236 temp., Celsius. 20

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.06

State of sky, Cloudy

Direction of wind N N W ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. [illegible]

Several species crabs
" mineralvs
" bivalves
" shrimps
" worms
Isopods and Amphipods
1 fish
Brittle stars
1 star fish
Several species of sponge or gorgonia

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7413

Date, Jan 22 1903

Time of day, 10.15 am ; of tide, high water

Locality, North of Knights Key Fla

Exact position, 4 3/4 miles N N E West Bahia Honda Key

Depth, 11½ feet

Nature of bottom, Sand grass

Dredging instrument used, Small scrape dredge

Direction of drift, East ; distance, 1/16 mile

Temperature of air, 71 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0244 temp., Celsius. 20

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.08

State of sky, Cloudy

Direction of wind Calm ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E Wist

NOTES RELATING TO STATION NO. 1113

Several crabs
Ascidians
1 pipe fish
few worms
" sponges

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 9X14

Date, June 22 1903

Time of day, 11.15 AM ; of tide, Slaught water

Locality, North of Knights Key Fla.

Exact position, 6 miles N 42° E ½ E of East Bahia Honda Key

Depth, 11 fat

Nature of bottom, hrd.

Dredging instrument used, Small scrape dredge

Direction of drift, SE ; distance, 16 mile

Temperature of air, 90 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0237 temp., Celsius. 30.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 9X50

Barometer reading, 30.09

State of sky, Partly clear

Direction of wind NE-E ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Vernon Edwards

NOTES RELATING TO STATION NO. 1111

few worms
Sponges
urchins
crabs

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7415

Date, Jan 22 1903

Time of day, 11.45 am ; of tide, 1/4 ebb

Locality, North of Knights Key Fla.

Exact position, Cumbs N.E. x E. of East Bahia Honda Key

Depth, 11 feet

Nature of bottom, Hard sand and rock

Dredging instrument used, Small scrape dredge

Direction of drift, S.E. ; distance, 1/6 mile

Temperature of air, 70 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0230 temp., Celsius 20.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.09

State of sky, Partly clear

Direction of wind N.N.W. ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7/2/15

Few crabs

" sponges

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7x16

Date, Jan 22 1903

Time of day, 1. 15 PM ; of tide, 1/4 ebb

Locality, North of Knights Key Fla

Exact position, 2 3/4 miles North of Basin Bank

Depth, 10 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, S.E. ; distance, 1/16 mile

Temperature of air, 68 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0213 temp., Celsius. 71

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7x50

Barometer reading, 30.07

State of sky, Partly clear

Direction of wind N.N.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon C West

NOTES RELATING TO STATION NO. 7 x 16

2 species phenomena
2 acidum
3 sponges
1 isopod
Amphipods

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7417

Date, Jan 22 1903

Time of day, 1.50 P.M. ; of tide, 1/2 ebb

Locality, North of Knights Key Fla

Exact position, 2 miles N.E. & E of Basin Bank

Depth, 8 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, small scrape dredge

Direction of drift, ; distance,

Temperature of air, 60 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0710 temp., Celsius 71.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.06

State of sky, Pretty clear

Direction of wind N.N.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. Lxiv

5 sponges
2 Ascidians
1 Shrimp
Several univalves
" species of crab

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1415

Date, June 27 1903

Time of day, 2.20 PM ; of tide,

Locality, North of Knights Key Fla

Exact position, 1 mile N.W. of Knights Keys

Depth, 9 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, S.E. ; distance, 1/16 mile

Temperature of air, 84 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0210 temp., Celsius. 27

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 1450

Barometer reading, 30.06

State of sky, Partly clear

Direction of wind N.E. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

NOTES RELATING TO STATION NO. 5 Lot 18

Pen shells
Vaporous sponges

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7419

Date, Jan 22 1903

Time of day, 2:45 PM ; of tide, 1/2 ebb

Locality, North of Knights Key Fla

Exact position, 5/8 mile N 1/2 E of Hog Island

Depth, 7 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, 1/16 mile

Temperature of air, 60 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0217 temp., Celsius. 22

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.06

State of sky, Partly clear

Direction of wind N.N.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. 7 Lt 14

8 sponges
1 bagoman
3 Ascidiums
2 crabs
several shrimps
worms

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7420

Date, Jan 22. 1903

Time of day, 3.25 P.M. ; of tide, 3/4 ebb

Locality, North of Knights Key Fla

Exact position, 1 1/2 mile N.E. x N of Knights Key

Depth, 7 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, Small scraper dredge

Direction of drift, S.W. ; distance, 1/16 mile

Temperature of air, 69 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0220 temp., Celsius. 21

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.05

State of sky, Pointy clear

Direction of wind N.N.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. [illegible]

1 small sea horse
Several worms and crabs
" gorgonia
" species of sponges

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7821

Date, Jan 23 1903

Time of day, 10.05 am ; of tide, 1/2 flood

Locality, Grassy Key Lake Fla

Exact position, 3/4 mile N.E. x N of Bamboo Key

Depth, 9 1/2 feet

Nature of bottom, Soft

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 64 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0221 temp., Celsius. 21.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.09

State of sky, Partly cloudy

Direction of wind N.N.E. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E Wat

NOTES RELATING TO STATION NO. A1901

Nothing in dredge

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7422

Date, Jan 23 1903

Time of day, 11.25 AM ; of tide, 3/4 Flood

Locality, Grassy Key Lake Fla.

Exact position, 2 3/4 miles N N W 1/2 W of Bamboo Key

Depth, 9 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 65 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0220 "

Number of salinometer, 7450

Barometer reading, 30.09

State of sky, Partly clear

Direction of wind N.N.E. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. [illegible]

3 species of sponges
2 acidaceous
1 tunicate
2 fish
coral
1 gorgonia

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7473

Date, Jan 23 1903

Time of day, 12 AM ; of tide, High water

Locality, N.W. of Grassy Key Lake Fla

Exact position, 5 miles N.W. x N of Bamboo Key

Depth, 10 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 72 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0222 temp., Celsius. 21

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 3009

State of sky, Partly cloudy

Direction of wind N.N.E ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. [illegible]

V Heidmann
V Shrimpe

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7 of 24

Date, Jan 23 1903

Time of day, 1. 10 P.M. ; of tide, High water

Locality, Florida Bay Fla

Exact position, 7½ miles N.W. ½ W of Bamboo Key

Depth, 10½ feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, 1/16 miles

Temperature of air, 69 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0230 temp., Celsius. 21

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 30.03

State of sky, Partly cloudy

Direction of wind N.N.E. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. [illegible]

2 species of fish
shrimp
crabs
3 sponges
2 acidumus

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7N 25

Date, Jan. 23 1903

Time of day, 1.35 PM ; of tide, Neigh water

Locality, Florida Bay Fla

Exact position, 1½ miles N.W. ½ N. of Bamboo Key

Depth, 8 feet

Nature of bottom, Sand and grass

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, 16 miles

Temperature of air, 69 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0231 temp., Celsius. 20

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7N 50

Barometer reading, 30.01

State of sky, Partly cloudy

Direction of wind N.N.E. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7 [illegible]

Very little in drawer

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7426

Date, Jan 27 1903

Time of day, 1.30 PM ; of tide, 1/4 Flood

Locality, Hawk Channel Flo

Exact position, 1 3/4 miles S 3/4 E of Pigeon Key

Depth, 3 fathoms

Nature of bottom, Sand and grass

Dredging instrument used, Oyster dredge

Direction of drift, North ; distance, 1/8 mile

Temperature of air, 77 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0230 temp., Celsius. 23.5

" at depth of fathoms, "

" at bottom, 10230 " 23.5

Number of salinometer, 7450

Barometer reading, 29.96

State of sky, Clear

Direction of wind ESE ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. 7.1.26

1 bivalve
4 species of crabs
1 shrimp
1 small star fish
2 " file fish

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7 X 27

Date, Jan 27 1903

Time of day, 2.15 P.M. ; of tide, 1/2 flood

Locality, Hawk Channel Fla

Exact position, 3 1/4 mile N 3/4 E of Sombrero Light

Depth, 11 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, Oyster dredge

Direction of drift, S.E. ; distance, 1/8 mile

Temperature of air, 77 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0 2 2 X temp., Celsius. 24.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7 X 50

Barometer reading, 29.96

State of sky, Clear

Direction of wind E.S.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Norman E West

NOTES RELATING TO STATION NO. 5/4307

Several logger-head sponges
1 hedgehog sponge
1 sea cap
1 large starfish
1 " sand dollar
1 sea cucumber
1 " urchin
coral
several small crabs
2 species of shrimp
2 " aquilla bivalves

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7428

Date, Jan 27 1903

Time of day, 2 30 PM ; of tide, 1/2 flood

Locality, Hawk Channel Fla

Exact position, 1 mile N.N.W. 1/2 W of East Washerwoman

Depth, 2 3/4 fathoms

Nature of bottom, Rocky

Dredging instrument used, Oyster dredge

Direction of drift, SEx S ; distance, 1/16 mile

Temperature of air, 78 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0226 temp., Celsius 24.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clear

Direction of wind E.S.E. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. Note 8

Coral
Gorgonia
Acidumus
5 species of sponges
Several species of crabs
" " " brakes.
3 " sea urchins
Several sand dollars

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7429

Date, Jan 27 1903

Time of day, 4.15 PM ; of tide, 3/4 flood

Locality, Hawk Channel Flu

Exact position, 1/2 mile S.E. x S. of S.E. end of Duck Key

Depth, 2 1/4 fathoms

Nature of bottom, Rocky

Dredging instrument used, Oyster dredge

Direction of drift, S.E. ; distance, 1/16 mile

Temperature of air, 76 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0219 temp., Celsius. 24.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Partly cloudy

Direction of wind East ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7029

4 species of sponges
Several species of crabs
1 Octopus
Several sand dollars
1 forged star fish
Several small starfish
Gorgonia
Coral
bivalves

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7430

Date, Jan 28 1903

Time of day, 8.40 am; of tide, 1/2 ebb

Locality, Grassy Key Lake Fla

Exact position, 7/8 miles N.N.W. of east end of Grassy Key

Depth, 10 feet

Nature of bottom, rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, 1/16 mile

Temperature of air, 75 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0224 temp., Celsius. 24

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.94

State of sky, Cloudy

Direction of wind East ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. 7430

2 species of fish
1 large finger sponge
2 shrimp
2 crabs
1 small blenny

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7X31

Date, Jan 28 1903

Time of day, 11.20 am ; of tide, 3/4 ebb

Locality, Grassy Key Lake

Exact position, 3 3/4 miles N W 1/2 N of east end of Grassy Key

Depth, 8 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 75 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0224 temp., Celsius. 24

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7X50

Barometer reading, 29.96

State of sky, Cloudy

Direction of wind East ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068 Norman E West

NOTES RELATING TO STATION NO. [illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1143

Date, Jan 9 1903

Time of day, 4.10 PM ; of tide, ½ ebb

Locality, Florida Bay Fla.

Exact position, 6½ mile NW ¼ W of Channel Key

Depth, 6 feet

Nature of bottom, Rock

Dredging instrument used, Small scrape dredge

Direction of drift, NE ; distance, 1/16 mile

Temperature of air, 74 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0218 temp., Celsius. 23

" at depth of fathoms, "

" at bottom, 1.0218 "

Number of salinometer, 7450

Barometer reading, 29.94

State of sky, Clear

Direction of wind East ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

Warren Eldred

NOTES RELATING TO STATION NO. [illegible]

[illegible]

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7433

Date, Jan 29 1903

Time of day, 9.50 am ; of tide, 1/2 ebb

Locality, Florida Bay Fla.

Exact position, 8 3/4 miles N.W. 3/4 W. of Channel Key

Depth, 9 feet

Nature of bottom, Sand and grass

Dredging instrument used, Small scrape dredge

Direction of drift, N.W. ; distance, 1/16 mile

Temperature of air, 7.4 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0219 temp., Celsius. 23.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.93

State of sky, Partly cloudy

Direction of wind East ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. Art 33

1 large shrimp
few amphipods

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7434

Date, Jan 29 1903

Time of day, 10.20 AM ; of tide, 1/2 ebb

Locality, Florida Bay Fla

Exact position, 7 3/4 miles SW 1/2 W of Sandy Key

Depth, 10 1/2 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 75 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10220 temp., Celsius. 23

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.94

State of sky, Partly cloudy

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7 1 3 1

2 shrimps
2 crabs
1 cow-fish

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1435

Date, Jan 29 1903

Time of day, 10.45 am ; of tide, Low water

Locality, Florida Bay Fla

Exact position, 5 miles S½W. of Sandy Key

Depth, 11½ feet

Nature of bottom, Sand mud and grass

Dredging instrument used, Small 1 crafts dredge

Direction of drift, E.N.E. ; distance, 1/16

Temperature of air, 75 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0224 temp., Celsius. 23

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 1450

Barometer reading, 29.94

State of sky, Clear

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. 1135

Railway in dredge

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1436

Date, June 29 1903

Time of day, 11.20 AM; of tide, Low water

Locality, Florida Bay Fla

Exact position, 1½ miles SxE of Sandy Key

Depth, 10 feet

Nature of bottom, Hard sand

Dredging instrument used, Small scrape dredge

Direction of drift, East ; distance, ½ mile

Temperature of air, 96. Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0218 temp., Celsius. 33.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 1450

Barometer reading, 29.98

State of sky, Partly cloudy

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer Warren E Hist

NOTES RELATING TO STATION NO. 7X36

1 [illegible]

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7437

Date, Jan 29 1903

Time of day, 11.50 AM ; of tide, 1/4 Flood

Locality, Upper Jewfish Bush Lake Fla

Exact position, 6 1/4 miles S E & E of Sandy Key

Depth, 10 feet

Nature of bottom, rocky

Dredging instrument used, Small scrape dredge

Direction of drift, N.E. ; distance, 1/16 mile

Temperature of air, 76 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0206 temp., Celsius. 24

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 1450

Barometer reading, 2994

State of sky, Clear

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. 7K37

1 fish
1 shrimp
6 spider crabs
- Amphipods

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7436

Date, Jan 29 1903

Time of day, 100 PM ; of tide, 1/4 flood

Locality, Upper Jewfish Bush Lake Fla.

Exact position, 6 1/4 miles N W x N of west end of Long Key

Depth, 8 feet

Nature of bottom, bary

Dredging instrument used, Small scrape dredge

Direction of drift, S.E. ; distance, 1/16 mile

Temperature of air, 77 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0206 temp., Celsius. 24

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.91

State of sky, Clear

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Norman E. West

NOTES RELATING TO STATION NO. 7138

3 spurs of fish
1 crab
a a dunn

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7439

Date, Jan 29 1903

Time of day, 1.30 PM ; of tide, 1/4 flood

Locality, Florida Bay Fla

Exact position, 5 1/2 miles N.N.W. of Channel Key

Depth, 7 feet

Nature of bottom, Sand, mud and grass

Dredging instrument used, Small scraper dredge

Direction of drift, West ; distance, 1/16 mile

Temperature of air, 77 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0209 temp., Celsius. 24

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.91

State of sky, Clear

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. T-439

3 spheres of field

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7440

Date, Jan 29 1903

Time of day, 2.25 P.M. ; of tide, 1/4 flood

Locality, Grassy Key Lake Tha

Exact position, 2 3/4 miles N 1/2 W. of Channel Key

Depth, 7 1/2 feet

Nature of bottom, rocky

Dredging instrument used, Small scrape dredge

Direction of drift, West ; distance, 1/16 mile

Temperature of air, 77 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0205 temp., Celsius. 24.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.90

State of sky, Clear

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E West

NOTES RELATING TO STATION NO. 7+110

2 species of fish
several crabs
hermit crabs
2 univalves
5 Sponges

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7441

Date, Jan 29 1903

Time of day, 2.45 PM ; of tide, 1/4 flood

Locality, Grassy Key Lake Fla.

Exact position, 2 miles N.W. x N. of Channel Key

Depth, 8 feet

Nature of bottom, Rocky

Dredging instrument used, Small scrape dredge

Direction of drift, S.W. ; distance, 1/16 miles

Temperature of air, 77 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0207 temp., Celsius. 24.6

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 7450

Barometer reading, 29.90

State of sky, Clear

Direction of wind East ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

11—1068

Vernon E. West

NOTES RELATING TO STATION NO. 7/1/1

several species of sponges
crabs
worms
shrimps
Isopods
Amphipods

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. [illegible]

Date, Jan 29 1903

Time of day, 3.15 PM ; of tide, ½ flood

Locality, Arundel Key Lake Flw

Exact position, 1¾ mile East of Arundel Key

Depth, 10 feet

Nature of bottom, Sand, gravel and little rock

Dredging instrument used, Small scrape dredge

Direction of drift, E x S ; distance, ½ mile

Temperature of air, 44 Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1.0206 temp., Celsius. 24.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer, [illegible]50

Barometer reading, 29.89

State of sky, Clear

Direction of wind East ; force, V

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer

Vernon E Kellogg

NOTES RELATING TO STATION NO. [illegible]

Several unrelates
crabs
2 species of fish
finger sponges
non-commercial sponges

Record of Dredging
Temperature and Density

Station - No 7443

Date - Jan 30 1903

Time of day - 8.35 am of tide 1/4 ebb

Locality - Channel Key Fla

Exact Position - 2 miles NNW 1/2 W of
West end of Long Key

Depth - 9 feet

Nature of bottom - Hard sand

Dredging instrument used - Small scrape dredge

Direction of drift - NE Distance 1/16 mile

Temperature of air - 74

Density at surface - 1.0202 Temp cal 24

No salinometer - 7450

Barometer reading - 29.94

State of sky - Clear

Direction of wind - NNE - force 3

Name of observer Vernon E West

Notes relating to Station No 7/443

v fish
shrimps
a few amphipods
a few worms

Record of Dredging
Temperature and Density

Station No - 7444

Date - Jan 30 1903

Time of day - 9 - am of tide 1/4 ebb

Locality - Lower Jewfish Bush Lake Fla.

Exact position - 3 1/2 miles N x W of West end of Long Key

Depth - 9 feet

Nature of bottom - Rocky

Dredging instrument used - small scrape dredge

Direction of drift - N.N.E. Distance 1/16 miles

Temperature of air - 75

Density at surface 1.0204 Cel 23.5

No of Salinometer - 7450

Barometer reading - 29.96

State of sky - Clear.

Direction of wind - N.N.E - force 3.

Name and position of observer

Vernon E West

Notes relating to Station No. 7X4X4

3 fish
2 spices of crabs
2 shrimps
2 sheeps wool sponges
1 grass sponge
Several non-commercial sponges
Gorgonia
Ucidiums
Univalves

Record of Dredging
Temperature and Density

Station No — 7445

Date — Jan 30 1903

Time of day — 935 am — of tide ½ ebb

Locality — Upper Jewfish Bush Lake Fla

Exact position — 5 miles NW ¾ N of West end of Long Key

Depth — 9 feet

Nature of bottom — Gray

Dredging instrument used — small scrape dredge

Direction of drift — N.N.E. — Distance ¼ mile

Temperature of air — 75

Density at surface 1.0205. cel 24

No of salinometer — 7450

Barometer reading — 29.96

State of sky — Clear

Direction of wind — NNE — force 3

Name and position of observer

Vernon E. West

Notes relating to Station No - 9/4/45

2 shrimps

1 squilla.

Gorgonian

2 non-commercial sponges