Order of enumeration.

1 Fish.

Crustacea

2 Brachyura

3 Anomura

4 Macroura

5 Annelida

Mollusca

6 Cephalopoda

7 Gastropoda

8 Lamellibranchiata

9 Polyzoa

10 Echinodermata

12 Anthozoa

13 Spongiae.

Station 1685.

Long Island Sound.

September 9th 1892. Depth. 15 fathoms.
Sp gr at surface 1021.2. temperature 70°
" " " bottom 1021.2 " 70°
Beam Trawl. Bottom, sandy mud.
Entire contents of trawl only a handful.
Numerous, Eupagurus Longicarpus.
2 or 3 specimen Crangon Vulgaris.
Tritia Trivitata numerous. mostly dead
Lunatia Heros Var: Inscrata, dead shells.
Neverita Duplicata, dead. a few.
Crisia Eburnea, numerous pieces hanging to trawl net

Station 1686.

September 9th 1892. Depth 16 fathoms
Sp: gr: at surface 1021.0 Temperature 70°
" " " Bottom 1021.0 " 70°
Beam Trawl. Bottom apparently hard, as sea anemonies were torn from stone etc.
Contents of Trawl about 1 peck.
Fish, 2 or 3 species.
Cancer, Erroratus, 2 specimens.
Labinia Emarginate, a few.
Eupagurus Policarus, numerous.
Eupagurus Longicarpus, very numerous.
Homarous Americanus, 1 specimen.
Crangon Vulgaris, numerous.
Nephthys, 1 specimen
Loligo Pealii, numerous, mostly small.
Fulgar, Carica + Canaliculata, living and dead
Crepidula Fornicata, numerous
" Plana, numerous
" Convexa, 2 specimens.
Tritia Trivitata, very numerous
Lunatia Heros, a few
Pholas Truncata? a few in rotten wood
Hydroids, a few

Cliona Sulphurea, several bunches.
Chalina Arbuscula?, several bunches.
Astrangia Danae, 1 piece torn from stone.
Metridium Marginatum, 4 specimens

Station 1687

September 9th 1892. Depth 17 fathoms.
Sp: gr: Surface 1021.0 Temperature 70° } No 7011
" " Bottom 1021.0 " 70°
Beam Trawl, Contents about 4 quarts.
No bottom brot: up merely the animals living on the bottom.
Fish Skates, number. Several species of of Flounds. Small Hake?
Eupagurus Policaris, a few.
" Longicarpus, very numerous
Labinia Marginata 2 or 3 spec:
Cancer Erosatus 2 or 3 spec:
Crangon Vulgaris, numerous
Sandy tubes of Clymenella?
Fulgar Canaliculata, living & dead.
" Carica, specimen differing from others, previously taken in being much paler in side with dark streaks.
Tritia Trivittata, numerous
Lunatia Heros, variety triseriata.
Neverita Duplicata, several.

Station 1688.

September 9th, 1892. Depth 16 fathoms
Sp: gr: Surface 1021.0 Temperature 70
" " Bottom 1021.0 " 70
Beam Trawl, Contents, about ½ bushel.
No specimen of bottom brot: up.
Fish, principally Flounders and Skates.
Cancer Erosatus, a few.
Labinia Emarginata 2 or 3 spec:

Crangon Vulgaris, numerous
Pandalus Leptocerus, 1 spec:
Eupagurus Policarus, a few.
" Longicarpus, very numerous
Loligo Pealii. 4 large & numerous small spec:
Both species of Fulgar, living & dead.
Tritia Trivitata, very numerous.
Lutratia Heros, variety Tycerata.
Neverita Duplicata. a few.
Cupidula Plana, abundant on Fulgar.
Star-fish 3 spec:
Cliona Sulpurea, small quantity.
Hydroids.
The flounders, some too large to save. Some had numerous spots with indistinct edges, and some had more numerous spots with distinct edges.

Station 1689

September 9th 1892. Depth, 15 fathoms.
Sp: gr: s1020.8 Temperature 70°
" " Bottom 1020.8. Temperature 70° } No 7011
Beam Trawl. Contents ½ bushel material.
No specimen of bottom brot up.
Fish. Flounders different species. none except small specimens saved, several other varieties of fish.
Panopeus Angustifrons, 1 spec:
Cancer Eroratus
Libinia Emarginata a few small spec:
Crangon Vulgaris, numerous.
Pandalus Leptocerus, 1 spec:
Eupagurus Policarus, numerous
" Longicarpus "
Loligo Pealii, numerous
Fulgar, both species, living & dead.
Tritia Trivita. 1 quart.

Lunatia Heros, variety Fryeanata.
Neverita Duplicata, a few.
Crepidula Plana, numerous
Polyzoa & Hydroids a few.

Station 1690.

September 9th 1892. Depth 15 fathoms
Sp: gr: Surface 1020.8 Temperature 70° } 70.11
" " Bottom 1020.8 " 70° }
Beam Trawl, Contents, 1 bush material.
No specimen of bottom brot up:
Fish, Skate 1 spec:
Flounders numerous with other varieties
Squid, large and small.
Platyonichus Occulatus, 1 spec:
Libinia Emarginata, several
Eupagurus both species, numerous.
Crangon Vulgaris a few.
Fulgar, both species, living and dead.
Lunatia Heros numerous dead spec:
Tritia Trivitata, very numerous.
Crepidula Plana, numerous.
Hydroids.
Cucia Ebennia, numerous
Cliona Sulphurea, one bunch

Station 1691.

September 9th, 1892. Depth 14 fathoms.
Sp: gr: Surface 1020.8 Temperature 70°
" " Bottom 1020.8 " 70°
Beam Trawl, Contents about 1 bushel material.
No specimen of bottom came up.
Fish Skates, several large of 2 species
other varieties mostly small.
Libinia Emarginata.
Cancer Errorates.
Plationichus Occulatus.

Eupagurus, several specimen of policarus and large numbers of Longicarpus.
Crangon Vulgaris.
Squid - several specimens.
Tritia Trivitata in large numbers.
Neverita Duplicata a few
Lunatia Heros, variety Trycerata.
Crepidula Plana
Starfish, 8 specimens.
Hydroids.

Station 1692. September 10th 1892. Depth 14 fathoms
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.0 " 69°
Beam Trawl, Contents about ½ bushel material.
No specimen of bottom brot: up.
Fish Skates and flounders numerous.
Hake? one specimen large & several small.
Other varieties of small fish.
Cancer Eroratus, a few.
Libinia Emarginata. a few.
Eupagurus Longicarpus & Policarus numerous.
Crangon vulgaris, a few.
Fulgur, both species numerous, living & dead.
Crepidula plana, numerous.
Neverita duplicata, numerous.
Squids, small.
Tritia Trivitata, very numerous, mostly dead.
Yoldia, limatula, a few, dead.
Star-fish, 2 specimens.
Hydroids & Polyzoa.

Station 1693. September 10th 1892. Depth, 14 fathoms
Sp: gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam Trawl, Contents 2 bushels material. about 2 buckets of shells equally divided between Nucula proxima and Mulinia lateralis. Specimen of mud preserved.
Libinia Emarginata, a few.
Eupugurus. both species, a few.
Fulgar, both species, living and dead.
Nephthys, and Rynchobolus.
Star fish, 1 small specimen.
The essential feature of this haul were the large numbers Lamellibranchs.

Station 1694. September 10th 1892. Depth 11 fathoms.
Sp: gra: 1020.8 Surface Temperature 69°
" " 1021.0 Bottom " 69.5°
Beam Trawl, Contents about 4 bushels of soft sandy mud with numerous specimens of small bi-valve shells. also many cinders.
Fish Hake?, 1 small specimen
Skates. 2 " "
Libinia Emarginata.
Cancer Enoratus
Eupugurus, both species.
Loligo Pealii, a few. Lunatia Heros Var.
Fulgar, both species, living & dead.
Mulinia lateralis very numerous
Nucula proxima less numerous.
Yoldia limatula, many living specimens.
Anomia, dead shells.
The essential feature of the haul were the Yoldias living in their natural habitat, soft mud.

Station 1695. September 16th 1892. Depth 9 fathoms.
Sp: Gr: Surface 1020.8 Temperature 69°
" " Bottom 1021.0 " 69.5°
Beam Trawl. Contents about 3 bushels material of soft mud and the characteristic bottom on the chart marked soft.
Fish several varieties.
Eupurgurus Longicarpus, a few.
Fulgur canaliculata living + dead no carica
Clidiophora triliniata a number
Scapharca transversa.
Lunatia Heros Var:
Euplura Caudata 1 spec:
Tritia Trivitata numerous.
Star-fish between 30 + 40 large.
The essential feature of the trawl was the very large number of Malinia latualis with a very few Nucula proxima. The scarcity of the dead valves and the star-fish.

Station 1696. September 17th 1892. Depth 13 fathoms 2 feet.
Sp: Gr: Surface 1021.4 Temperature 70°
" " Bottom 1021.8 " 70°
Chester rake dredge, Contents, ½ bushel material
Hard bottom of sand and mud.
Fish Skates and flounders with small varieties.
Fulgars, of both species, living + dead.
Squids
Tritia Trivitata. a few

Station 1697

September 17th 1892. Depth 16 fathoms.
Sp: gr: Surface 1021.4 Temperature 70°
" " Bottom 1021.6 " 70
Chester rake dredge. Contents 1 bushel material.
Hard sandy bottom with tube of Maldanidae.
Eupurgurus, longicarpus. a few.
Tritia Trivitata and other shells usually occupied by hermit crabs.
Hydroids.
Star-fish, 1 specimen.
Essential features of this haul were the hard sandy bottom with the worm tubes and the numerous specimens of Nephthys. In shallow water near shore this worm is found on hard sandy bottom which supports the weight of one without miring.

Station 1698.

September 17th 1892. Depth 16 fahoms.
Sp: gr: Surface 1021.2 Temperature 70°
" " Bottom 1021.4 " 70°
Chester rake dredge. Contents about 1 bushel of sand and mud with little life.
Crangon Vulgaris.
Eupurgurus longicarpus. a few and a very few small shells living and dead.

Station 1699.

September 17th 1892. Depth 15 fathoms
Sp: gr: Surface 1021.2 Temperature 70°
" " Bottom 1021.4 " 70°
Chester rake dredge. Contents, not full of sandy mud.
Tritia Trivitata, with Eupurgurus longicarpus

Plungon Vulgaris. Nephthys, a few.
Panopeus Angustifrons, 1 specimen.

Station 1700

September 17th 1892. Depth 13 fathoms + 2 feet.
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.4 " 70°
Chester Rake dredge. Contents 1 bushel material from which were taken about 1 pint of Tritia Trivitata. Nephthys, numerous and Crangon Vulgaris.

Station 1701

September 17th 1892. Depth 15 fathoms 3 feet.
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.4 " 70°
Chester rake dredge. Contents, 2 bushels of sandy mud.
Gebia affinis? 2 specimens
Eupurgurus longicarpus, a few.
Cancer Eroratus, 1 or 2.
Tritia Trivitata, a few
Ensatella Americana, numerous + small.
Maldanidae, numerous tubes of.
Nephthys, numerous.
The finding of Gebia and worm tubes shows that the dredge cut well in the bottom.

Station 1702.

September 17th 1892. Depth 15 fathoms
Sp: Gra: Surface 1021.0 Temperature 70°
" " Bottom 1021.4 " 70°
Chester rake dredge. Contents 1 quart of material containing Fulgars, 1 or 2, with Eupurgurus policarus and Mactra solidissima, 1, living + Anthostoma. 1 spec. No bottom brot up by dredge.

Station 1703

September 17th 1892. Depth 15 fathoms.
Sp: gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.4 " 70°
Chester rake dredge, Contents 2 quarts material.
No Bottom obtained.
Tulyar and Eupenguno. Tritia and a few dead shells is all that was obtained.

Station 1704.

September 17th 1892. Depth 13 fathoms 3 feet.
Sp: gr: Surface 1021.2 Temperature 70°
" " Bottom 1021.2 " 70°
Chester rake dredge. Contents, 2 buckets of soft black mud with a great deal of organic matter and dead valves of Melinna Proxima and Yoldia only an occasional living specimen of these forms.
Nephthys, a few
Trophonia, 1 specimen
Pinnixa, 2 specimens

Station 1705.

September 17th 1892. Depth 9 fathoms 4 feet.
Sp: gr: Surface 1020.8 Temperature 70°
" " Bottom 1021.2 " 70°
Chester rake dredge, Contents, about 2 buckets of soft black mud, containing the dead valves Melinna and an occasional Nephthys. Lumbrinereis a few living.

Station 1706.

September 20th/92. Depth 9 fathoms
Sp: Gr: Surface 1021.0 Temperature 69
" " Bottom 1021.2 " 69
Beam trawl. Contents 1 bushel.
Fish. Skates 2. Flounders, several:
Panopeus angustofrons Ansayi
Cancer Eroratus, several
Eupagurus both species
Lebinia emarginata
Fulgar Carica, dead
" canaliculata living and dead
Argina pexatta. Ensatella americana.
Crepidula plana. Lunatia heros
Jungles, living. Nucula proxima
Nephthys, a few. Ostrea living and dead.
Hydroids. Cryssia eburnea
Bottom composed of soft black mud.

Station 1707

September 20th/92. Depth 9 fathoms 3 feet.
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69
Beam Trawl, Contents, 2 bushels of soft black, ill smelling mud containing.
Flounders, several small. Spawn of Squid.
Cancer Eroratus, Eupagurus both species
Fulgar both species living & canaliculata, dead.
Ostrea living and dead.
Mulinia lateralis 1 peck.
Clydiophora & Ensatella americana
Yoldia matula. Lunatia heros var:
Neonita. Nucula a few and small.
Nephthys.
Bottom soft black ill smelling mud

Station 1708

September 20th 1892. Depth 9 fathoms 4 feet.
Sp: gr: Surface 1021.0. Temperature 69°
" " Bottom 1021.2 " 69°
Beam trawl, Contents about 4 bushels of soft black mud which displayed when washed about 1 bushel of shells etc
Flounders, several small.
Eupagurus, a few.
Scapharca transversa, a few.
Fulgars both species.
Clydiophora triliniata.
Mulinia lateralis 1 bushel
Tritia, plentiful, also Yoldias
Nephthys, a few.
There were rather more dead valves drilled than usual. No starfish.

Station 1709

September 20th 1892. Depth 10 fathoms
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Beam Trawl, Contents about 5 bushels of soft black mud which when washed displayed 3/4 bushel of material, the bulk of which was Mulinia lateralis
In addition to the animal life noted in Station #1708 there were one sea robbin 1 sea anemone and 1 star-fish.
When the stomach of the Star fish was examined 1 mulinia was found enclosed.

Station 1710

September 20th/92. Depth 11 fathoms 4 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Beam trawl, Contents about 6 bushels of soft black mud which contained ½ bus of material of which the Mulinia composed the bulk.
Skates, several, Flounders several and all the other forms of life which were noted in haul #1709. including 1 starfish.

Station 1711

September 20th 1892. Depth 12 fathoms 2 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.4 " 69
Beam trawl, Contents about 7 bushels of soft black mud which contained 1 bushel material of which Mulinia lateralis composed the bulk. No fish or starfish but all the other forms of life noted heretofore. The hauls are so similar in this locality that a description of one suffices for the others and only exceptions are noted. The Nucula proxima were prominent by their absence only a few and they were small.

Station 1712.

September 20th 1892. Depth 13 fathoms 2 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.4 " 69
Beam trawl, Contents about 2 bushels of soft black mud which contained ½ bushel material. Mulinia lateralis composed the bulk. With the addition of 1 skate and several squid all the other forms of life were

noted with the same soft character of mud.

Station 1713

September 20th/92. Depth 14 fathoms 4 feet.
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Beam trawl, Contents about 3 bushels of soft black mud, which contained 1/2 bushel of material. The bulk of which was Mulinia but the were much smaller Except fish and starfish all the usual forms of life were present.

Station 1714.

September 20th/92. Depth 15 fathoms
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Beam trawl, Contents about 5 bushels soft black mud which contained about 1/2 bushel of Mulinia lateralis, no fish or starfish but every thing which has been usually found

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Station 1715

September 20th. 1892. Depth 7 fathoms 2 feet.
Sp: Gr: Surface 1020.4 Temperature 69
" " Bottom 1021.0 " 69.
Beam trawl, Contents about 4 bus. soft black mud which contained about 1 1/2 pecks of material the bulk of which was Mulinias, several Skates and flounders and 1 hake, with all the usual forms of life. Mulinias large but many dead tho not dulled.

Station 1716. Sep 21st 1892. Depth 7 fathoms 5 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Chester Rake dredge Contents about 2 bus soft black mud which contained 1 gal of material composed mainly of Mulinia lateralis Stur fish 7. Mulinia, mostly dead and many drilled Nephthys a few. Trophonia 1 specimen

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Station 1717. Sep 20th 1892. Depth 8 fathoms 4 feet.
Sp: Gr: Surface 1021.0. Temperature 69°
" " Bottom 1021.0 " 69°
Beam trawl, Contents about 1½ bus soft black mud which contained 30 stur fish and about ½ gallon of shells, Mulinia most common. Flounder 2. Small Squid 1. Mulinia mostly dead and some of them drilled. An examination of the stomachs of the stars discovered Mulinia in the stomachs of squid.

Station 1718. Sep 20th 1892: Depth 9 fathoms 3 feet.
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.4 " 69°
Beam trawl, Contents about 5 bus of soft blk mud which contained one bus of material, the bulk of which were Mulinia lateralis living and dead.
Skate 1. No stur fish, Platyonichus numerous. with all the usual forms of life present.
Mud very soft and offensive

Station 1719. Sep 20th 1892. Depth 10 fathoms 3 feet.
Sp: Gr: Surface 1020.8. Temperature 69°
" " Bottom 1021.0 " 69°
Beam trawl, Contents about 7 bus soft mud which contained 1 bus material of which Malinia lateralis composed the bulk, living and dead.
Pipe fish - 1 spec and a fragment of starfish, with these exceptions the same variety of life was present.

Station 1720. Sep: 20th 1892. Depth 12 fathoms 2 feet.
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.0 " 69°
Beam trawl, Contents about 8 bus soft black mud which contained 1 peck material. Flounder 1 spec. Malinia lateralis very numerous dead and living. Egg capsules of the Conch. and all the other forms noted on the other stations. The Nuculas were in greater numbers than in preceding hauls but still comparatively few.

Station 1721. Sep 20th 1892. Depth 8 fathoms 2 feet.
Sp: Gr: Surface 1021.0 Temperature 67
" " Bottom 1021.0 " 68
Beam trawl, Contents about ½ peck of shells and coal with some mud in the net. Skates 2. large. Flounders several small. Fulgar canaliculata. Tritia. Yoldiae anomiae. Nevertia duplicata. Eupagurus both species Lunatia heros. No Malinias.

Station 1722. Sep 20th 1892. Depth 8 fathoms 4 feet.
Sp: Gr: Surface 1021.0 Temperature 67
" " Bottom 1021.2 " 68
Beam trawl. Contents about 4 bus soft blk mud which contained 1 bus of material, the bulk of which was mulinia lateralis, large and many living. Hakes several small. Skates several. Cancer Erroratus, both species of hermit crabs. Tritons many living and dead. With the usual forms of life with some hydroids. The Character of this locality the same in life and bottom as that examined yesterday.

Station 1723 Sep 21st 1892. Depth 9 fathoms 4 feet.
Sp: Gr: Surface 1021.0 Temperature 68°
" " Bottom 1021.2 " 68°
Beam trawl. Contents about 6 bus of soft blk mud which contained 1 bus of Mulinias. 350 Starfish. 7 flounders, and several small skates. Cancer Erroratus 1 spec large. Tritin living & dead numerous and all the other varieties of life heretofore noted. Notwithstanding that the bottom was of soft impalpable mud many stars were taken. Some Mulinias found in the stomachs of the stars

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Station 1724.

Sep: 21st 1892. Depth 9 fathoms 5 feet.
Sp: Gr: Surface 1021.0. Temperature 68
" " Bottom 1021.2 " 68
Beam trawl, contents about 3 bus soft blk mud which contained ½ bus of Mulinia lateralis and 17 Starfish. Mulinias large. Flounders several and several smaller fish, with the usual forms life with some hydroids.
This haul was made very near the last to ascertain the extent of the area occupied by the stars, but it is very possible that the trawl only touched the flank of the "bunch" as only 17 were taken.

Station 1725.

Sep 21st 1892. Depth 11 fathoms
Sp: Gr: Surface 1021.0. Temperature 68°
" " Bottom 1021.2 " 68°
Beam trawl, contents about 6 bus of soft mud which contained 1 bus of material, Mulinias not so plentiful and many dead, with all the forms of life heretofore found. 9 Starfish
In the stomachs of some of the stars were found Mulinias and Nuculas.

Station 1726.

Sep 21st 1892. Depth 12 fathoms 2 feet.
Sp: Gr: Surface 1021.0 Temperature 68°
" " Bottom 1021.0 " 68°
Beam trawl, contents about 5 bus of soft mud which contained 1½ pecks of material. Flounder 1 spec. and several Squid. Comparatively few living

Mulinias and large numbers of Nuculas. 2 starfish and the usual forms of life heretofore found

Station 1727. Sep 21st 1892. Depth. 18 fathoms
Sp: Gr: Surface 1021.0 Temperature 68°
" " Bottom 1021.0 " 68°
Beam trawl, Contents about 6 bus soft mud which contained 1 peck material, Nuculas small, and Mulinias mostly dead. Several flounders and Skates 2 starfish, some hydroids and the other usual forms of life.
The stomachs of the Skates contained Eupagurus longicarpus, Crangon vulgaris, and Cancer erroratus.
Those of the flounders contained small Crustacea.

Station 1728 Sep 21st 1892. Depth 14 fathoms 4 feet.
Sp: Gr: Surface 1021.0 Temperature 68°
" " Bottom 1021.0 " 68°
Beam trawl, Contents about 3 bus soft blk mud which contained ½ bus material, mainly Mulinia, Nuculas but few. Flounders, Skates and other small varieties of fish. Squids and all the other usual forms of life.
Contents of the stomachs of 4 flounders contained small Crustacea. (Flounders of the same species with black spots)
Contents of the stomach of one skate contained Cancer erroratus and the remains of several Eupagurus longicarpus with numerous Crangon vulgaris

Station 1729

Sep 21st 1892. Depth 14 fathom 3 feet.
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.0 " 68.5°
Bem travel. Contents about 4 bus soft mud which contained 1½ bus material The bulk of which was Mulinia, also large numbers of Fulgur both species. Flounder 1 small. Tritia very numerous Nuculus almost entirely counting all the usual forms of life, echinoids, present

The stomach of the flounder contained Crangon vulgaris. In the stomach of a small sea-robin was found 1 Crangon vulgaris.

Station 1730

Sep 21st 1892. Depth 14 fathom 4 feet.
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Bem travel, Contents about ½ bus of soft mud which contained 1 peck of material. Some Mulinias and a number of Fulgur both species. Flounder 1 small. Skate 1 small, with the other usual forms of life in addition.

The stomach of the skate contained Crangon Vulgaris. The stomach of the flounder contained the same small crustacea of the same species which was found in the others.

From a piece of submerged drift wood were taken some Lamellibranchs, probably Pholas truncata.

Station 1731.

Sep 21st 1892. Depth 12 fathoms 3 feet
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.0 " 69°
Beam trawl. Contents about 4 bus soft mud which contained 1 peck of material, the bulk of which was Fulgur of both species, few Mulinia and Nucula, Flounders 2 small and the other usual forms present but in smaller numbers.
The contents of the stomachs of the flounders were small crustacea, Mysis americana.

Station 1732

Sep 21st 1892. Depth 11 fathoms
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.0 " 69°
Beam trawl, Contents about 2 bus soft black mud which contained 1½ pecks material composed of Fulgur both species and Mulinia but not so numerous, a moderate number of Nuculas and the other usual forms of life with some hydroids, Skate 1 spec. Scaleola 1 spec.

Station 1733.

Sep 21st 1892. Depth 10 fathoms
Sp: gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam trawl, Contents, about 5 bus soft black mud which contained 1½ pecks of material, composed mainly of Fulgurs both species with Mulinia and Nuculas Flounders several small. Skate, several small. Hake 1 small. Panopeus angustifrons.

Station 1734

September 21st 1892. Depth 8 fathoms 5 feet.
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam trawl, Contents about 4 bus soft black mud which contained ½ bus material composed mainly of Mulinias and Nuculas Fulgar several of both species, Skates 2, Flounders 2, with all the other usual forms in addition. The stomachs of the Skates revealed Eupagurus and Shrimps. Many dead valves of Mulinias and Nuculas had been destroyed by drills.

Station 1735

Sep 21st 1892. Depth 8 fathoms
Sp: Gr: Surface 1.021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam trawl, Contents about 1½ bus soft mud which contained 1 peck of material. Mulinias, Nuculas and Fulgars with several small flounders and several other small fish and 150 Star fish. Eupagurus and all the other usual forms of life were present
An examination of the stomachs of the stars revealed Mulinias and Nuculas in 17 of them. Some of the stomachs of some were filled with mud while others were free from it. Many of the stars were in spawn even at this season

Station 1736

Sep 21st 1892. Depth 8 fathoms
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam trawl, Contents about 2 bus soft mud which contained 1/2 peck material composed of Fulgars, Mulinias Nuculas and the other usual varieties of life with 80 star fish.
In the stomachs of 9 stars were found Mulinias and Nuculas.

Station 1737

Sep 21st 1892. Depth 8 fathoms
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam trawl, Contents about 2 bus soft blk mud which contained 1/2 peck of material composed of Fulgars, Mulinias and Nuculas. Flounders 8 small, and 1 large. Squid 1 spec, small. 30 star fish with the other usual forms heretofore noted in previous hauls.
In the stomachs of 7 stars were found Mulinias and Nuculas.

Station 1738.

Sep 21st 1892. Depth 9 fathoms
Sp: Gr: Surface 1021.0 Temperature 70°
Sp: " Bottom 1021.0 " 70°
Beam trawl, Contents about 2 bus soft mud which contained about 1 peck of material composed of Mulinias and Nuculas and 145 star fish.
Fulgars and the other usual forms of life found that were present this Am. (this is the same locality) returned to

find the stars and see the extent of area occupied by them.

Examined the stomachs of many of the stars and found living Mulinias and Nuculas in some of them.

The majority of the stars seem to be in spawn in various stages of development.

Station 1739

Sep 21st 1892. Depth 9 fathoms.
Sp: Gr: Surface 1.021.0 Temperature 70°
" " Bottom 1021.0 " 70°
Beam trawl, Contents about 3 bus soft black mud which contained about 3/4 bushel material, the bulk of which was Mulinia lateralis and Nuculas
Skate 1, Fulgars, 2 starfish and the other usual varieties of life.

The stomach of the Skate contained Eupagurus longicarpus.

Station 1740

Sep 21st 1892. Depth 9 fathoms
Sp: Gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.0 " 69°
Beam trawl, Contents about 3 bus soft blk mud which contained 1½ pecks of material mainly Mulinia & Nucula some Fulgar and 2 starfish with the other usual varieties additional. 1 small flounder.

The bottom wherever it has been examined for the last 2 days has been of the same character, namely very soft mud and I should say unsuitable for oyster cultivation.

Station 1741. Sep 21st 1892. Depth 8 fathoms 4 feet.
Sp: gr: Surface 1.021.0 Temperature 69°
" " bottom 1021.2 " 69°
Beam trawl, Contents about 3 bus of soft blk mud which contained about ½ bus of material. The bulk of which was Mulinias large. Nuculas comparatively few. Flounder 1 small, no starfish with the other usual variety of life.

Station 1742. Sep 22nd 1892. Depth 8 fathoms 4 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " bottom 1021.0 " 69°
Beam trawl, Contents about 1 bus of soft mud containing ½ gal of Mulinia mostly living, with a few Nuculas 1 Cunner. 1 Skate. Metridium marginata Eupagurus longicarpus. Cliona sulphurea Tritia. Fulgur 1 spec. Crepidula Bottom of the usual soft character.

Station 1743 Sep 22nd 1892. Depth 8 fathoms 3 feet
Sp: gr: Surface 1021.0 Temperature 69°
" " bottom 1021.2 " 69°
Beam trawl, Contents about 3 bus of soft blk mud which displayed when washed, 1½ pecks of material of which Mulinias composed the bulk. Flounders several, Skates several and 2 or three small varieties of fish. With Fulgur living and dead and the other usual forms heretofore found.

Station 1744. Sep 22nd 1892. Depth 8 fathoms 5 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " bottom 1021.2 " 69°
Beam trawl, Contents about 4 bus soft mud which contained 1 peck of material. Mulinia dead and living composed the bulk. Many valves were drilled. With 1 Starfish the other usual forms were present.

Station 1745. Sep 22nd 1892. Depth 8 fathoms 4 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " bottom 1021.2 " 69°
Beam trawl, Contents about 2 bus soft mud which contained ½ peck of material of which the bulk was Fulgars living and dead and Mulinia Flounders several small. Sea-robbin 1 Many valves of Mulinia were drilled.

Station 1746 Sep 22nd 1892. Depth 8 fathoms 5 feet.
Sp: gr: Surface 1021.0 Temperature 69°
" " Bottom 1021.2 " 69°
Beam trawl. Contents about 2 bus of soft mud which contained ½ bus of material. Dead and living Mulinia composed the bulk. Fulgars several Starfish 12. Flounders several.
with the other life usually found in addition.

Station 1747. Sep 22nd 1892. Depth 9 fathoms.
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.2 " 70
Beam trawl, Contents about 2 bus soft mud which contained ½ bus material. Of which Mulinia lateralis composed the bulk, mostly dead and many valves drilled.
Some Skates and Flounders. Starfish 37 and the other usual forms of life.

Station 1748 Sep 22nd 1892. Depth 9 fathoms 4 feet.
Sp: Gr: Surface 1021.2 Temperature 70°
" " Bottom 1021.2 " 70°
Beam trawl, Contents about 2 bus of soft mud which contained ½ bus of material. Dead and living Mulinias composed the bulk. 40 Star fish and the other usual forms of life. heretofore found.

Station 1749 Sep 22nd 1892. Depth 9 fathoms 4 feet.
Sp: Gr: Surface 1021.0 Temperature 70°
" " Bottom 1021.2 " 70°
Beam trawl, Contents about 4 bus soft mud which contained 1 bus Mulinia and Nucula mostly Mulinia and many dead. 125 Star fish several Syrid 2 large. Several small fish and the usual varieties heretofore found

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Station 1750

Sep 22nd 1892. Depth 9 fathoms 4 feet.
Sp: gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70°
Beam trawl, Contents about 2 bus soft mud which contained 1½ pecks of material. Mulinia and Nuculas composing the bulk. Many squids with the other forms heretofore found on bottom of the same soft character

Station 1751

Sep 22nd 1892. Depth 9 fathoms 3 feet.
Sp: gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70°
Beam trawl, Contents about 2½ bus soft blk mud which contained 1 peck material. Mulinias composed the bulk. Skate 1. Starfish 8. No Fulgars but with the other usual forms of life

Station 1752

Sep 22nd 1892. Depth 9 fathoms.
Sp: gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70°
Beam trawl, Contents about 4 bus soft black mud which contained ½ bus of material, composed mainly of Mulinias & Nuculas. Skates several, Flounders several, with all the other forms noted heretofore without exception

Station 1753 Sep 23d 1892. Depth 8 fathoms.
Sp: Gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70
Beam trawl, Contents about 1 bus soft mud which contained 1 peck of material, the bulk of which were star fish. Fulgar living and dead Skates and flounders several of each 37 starfish 1 gurat of Mulinia and Nuculus, several squid with the other usual forms heretofore found.

Station 1754 Sep 23d 1892. Depth 7 fathoms 5 feet.
Sp: Gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70°
Beam trawl, Contents about 1 bus soft mud, which contained 1 large Skate 6 starfish. Fulgars both species. living and dead. a few Mulinia & Nuculus 1 Flounder which had blak lines about 1 inch long over the body and the lateral expansion forward of the eyes was translucent.
The Stomach of the Skate was filled with Cancer erroratus.

Station 1755. Sep 23d 1892. Depth 8 fathoms 2 feet.
Sp: Gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70°
Beam trawl Contents about ½ bus soft mud 252 star fish. Mulinia and Nuculus abundant and small Skate 12 Flounders several. Fulgars

living and dead abundant with all the other varieties heretofore noted.

Station 1756

Sep 23d 1892. Depth 8 fathoms 2 feet.
Sp: gr: Surface 1021.0 Temperature 70°
" " bottom 1021.2 " 70°
Beam trawl, Contents about 1 bus soft black mud which contained 12 stars skates and flounders with all the usual forms. The trawl lightly skimmed the bottom, if it had gone deeper it is likely more stars would have been taken. Mulinia and Nucalus for the same reason were not taken in as large numbers but they were still as numerous in proportion to the bulk of material.

Station 1757

Sep 23d 1892. Depth 8 fathoms 2 feet
Sp: gr: Surface 1021.0. Temperature 70°
" " bottom 1022.0 " 70°
Beam trawl, Contents about 4 bus soft mud. 795 Starfish. Squid spawn Mulinia in the usual proportion to bulk of material with a few nucalus with all the other usual varieties

Station 1758

Sep 23d 1892. Depth 8 fathoms
Sp: gr: Surface 1021.2 Temperature 70°
" " bottom 1022.0 " 70°
Beam trawl, Contents about 4 bus of soft mud and 174 stars with the other usual varieties of life no exceptions to note. Mulinia as abundant as usual

Station 1759

Sep 23d 1892. Depth 9 fathoms 4 feet
Sp: Gr: Surface 1021.2 Temperature 70°
" " Bottom 1022.0 " 70°
Beam trawl, Contents about 1 bus soft mud. 2 starfish and all the other forms of life heretofore noted. Mulinia as abundant as usual with a few Nuculas

Station 1760

Sep 23d 1892. Depth 10 fathoms
Sp: Gr: Surface 1021.2 Temperature 70°
" " Bottom 1021.4 " 70°
Beam trawl, Contents about 2 bus soft mud, several skates, 1 starfish, Mulinia and Nuculas with the other usual forms of life no exceptions to note Rather more Nuculas in this haul than in the preceding ones

Station 1761.

Sep 29th 1892. Depth 6 fathoms 4 feet.
Sp: Gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.4 " 66°
Beam trawl, Contents about 1/2 gal of material. No specimen of bottom brot: up in trawl.
Flounders 6 small. Several small hake. Cancer Erroratus. Shrimp. Fulgars both species. Eupagurus longicarpus. dead valves of Yoldia. Tritia Trivitata and all the other usual forms in addition with Neonita duplicata & Crangon vulgaris
No Mulinia or Nucula.

Station 1762 Sep: 29th 1892. Depth 7 fathoms
Sp: gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.4 " 66°
Beam trawl, Contents about ½ gal of material, very little mud. Fulgars composed the bulk. Flounders, several and all the usual varieties except Mulinia & Nuculas. Crangon vulgaris plentiful.
There is a bottom here somewhat harder than that which we have previously examined, the mud having more sand in its composition. The specimen of bottom obtained came from the valves of an Ostrea Virginiana and is more of a sedimentary character.

Station 1763 Sep 29th 1892. Depth 7 fathoms.
Sp: gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.4 " 66°
Beam trawl, Contents about 1 bus soft mud and sand, which contained about ½ gal material composed of small Mulinias, Nuculas scarce. but with all the other usual varieties without exception.
While the bottom is soft there is more sand in its composition than has been the case generally.

Station 1764. Sep 29th 1892. Depth 7 fathoms 4 feet.
Sp: gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.4 " 66°
Beam Trawl, Contents about 1½ pecks of material composed mainly of Fulgars and Mulinia with Nuculas plentiful also the other usual varieties without

exception including several flounders. Less sand in the composition of the bottom than in the prior haul.

Stomach of the flounder contained one large Rynchobolus. This flounder was one of the edible kind.

Station 1765.

Sep: 29th 1892. Depth 10 fathoms 4 feet.
Sp: gr: Surface 1021.2 Temperature 67°
" " Bottom 1021.4 " 66°
Beam trawl. Contents about 2½ bus of soft mud with very little sand in its composition, which contained about 2 pecks of material composed mainly of Mulinius and Fulgas with a large number of Yoldias with all the other usual forms of life including flounders and other small fish. Mulinius large & also a number of Nuculas in the haul

Station 1766

Sep 29th 1892. Depth 16 fathoms.
Sp: gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.4 " 67°
Beam trawl. Contents about 1 peck of mud which contained ½ gal of material composed of the usual varieties of life. Rather more Tritons than usual. There was more sand with the mud making the bottom a trifle stiffer.

Station 1767

Sep 29th 1892. Depth 16 fathoms
Sp: Gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.6 " 67°
Bean trawl, Contents about 1 bus of soft mud with a little sand. which contained 1/2 gal of material including several small Skates and flounders, Numerous sand tubes of the Maldanidae. Mulinia & Nucula conspicuous by their absence. Trophonia 1 spec. Stuffed 2 with the other usual varieties of life

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Station 1768

Sep 29th 1892. Depth 16 fathoms 2 fat.
Sp: Gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.4 " 67°
Bean trawl, Contents about 1 bus soft mud with a little sand in its composition, which contained. Skate 1. Squid & Bacon 4 Starfish. Mulinia & Nucula prominent by their absence with all the other usual varieties including worm tubes of Maldanidae. Golden abundant in proportion to bulk which was about 1/2 gal of material.

Station 1769

Sep 29th 1892. Depth 16 fathoms 2 fat.
Sp: Gr: Surface 1021.4 Temperature 67°
" " Bottom 1021.6 " 67°
Bean trawl. Contents about 1 peck of material with very little mud, the bulk of which was Fulgers and dead shells of Neverita duplicata & Lunatia heros. Several Skates and flounders. 17 other fish with the other usual varieties

including hydroids, Polyzoa and one Sinopens Mulinias & Nuculas absent. Enough sand with mud to make the bottom sticky.

Station 1770. Sep 29th 1892. Depth 16 fathoms.
Sp: gr: Surface 1021.4 Temperature 68°
" " bottom 1021.6 " 68°
Beam trawl, Contents about 1 peck of material, the bulk of which was Fulgars and Neverita, the latter mostly dead. Flounders and Skates several a quantity of Polyzoa, some hydroids. Tubes of Maldanedae. 2 Starfish with the other usual varieties. The bottom might be termed soft sticky.

Station 1771 Sep 29th 1892. Depth 15 fathoms 3 feet.
Sp: Gr: Surface 1021.8 Temperature 68°
" " Bottom 1021.8 " 68°
Beam trawl, Contents about 1 gal of material, mainly Fulgars and Neverita, dead. No specimen of bottom brot up several flounders, 2 scup and 4 stars with the other usual forms including Cleona sulphurea, Polyzoa and hydroids, Mulinia & Nucula still absent Numbers of Tritia.

Station 1772 Sep 29th 1892. Depth 16 fathom 3 feet.
Sp: Gr: Surface 1021.8 Temperature 68°
" " bottom 1021.8 " 68°
Beam trawl, Contents about 1 peck of material of which Fulgars and

Neverita & Lunatia heros, dead mostly, composed the bulk. Several Skate and Flounders and 10 Starfish. Tritia plentiful. Mulinia & Nuculas still absent. No spec of bottom brought up by the trawl but the animal life indicates a harder bottom.

Station 1773

Sep 29th 1892. Depth 17 fathoms
Sp: gr: Surface 1021.8 Temperature 68°
" " Bottom 1021.8 " 68°
Beam trawl, Contents about 1½ pecks of material, the bulk of which was Fulgars, Neverita & Lunatia heros with the other usual varieties of life, Several flounders. 1 large hake. Mulinias and Nuculas still absent. Bottom of soft mud and sand.

Station 1774.

Sep 30th 1892. Depth 8 fathoms 3 feet.
Sp: gr: Surface 1021.8 Temperature 67°
" " Bottom 1021.8 " 67°
Beam trawl, Contents about 1 bus soft mud with some sand in its composition which contained about 1 peck of material, the bulk of which was Fulgars and Mulinias with some large Nuculas. Several flounders, Squid spawn and all the other varieties. Nothing special to note in the way of exceptions

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Station 1776

Sep 30th 1892. Depth 15 fathoms
Sp: Gr: Surface 1021.8 Temperature 67°
" " Bottom 1022.0 " 67°
Beam trawl, Contents about 1 peck of material composed mainly of Fulgars both species. No spec of the bottom brot: up by trawl. Neverita & Lunatia & Tritia numerous. Flounders Hakes and Squid, and the other usual varieties without exception. Mulinias & Nucalas still scarce is the most distinctive feature of the trawl. which may be due to not obtaining any bottom.

Station 1775

Sep 30th 1892. Depth 11 fathoms 3 feet.
Sp: Gr: Surface 1021.8 Temperature 67°
" " Bottom 1021.8 " 67°
Beam trawl, Contents about 2½ bus of soft mud which contained about 3/4 bus of material composed mainly of large Mulinias & some Nucalas. Skates Flounders and hakes. Fulgars. 2 starfish and all the other varieties
The distinctive feature of the trawl was the large number and size of the Mulinias. Some Kelp.

Station 1777

Sep 30th 1892. Depth 16 fathoms.
Sp: Gr: Surface 1021.8. Temperature 67°
" " Bottom 1022.0 " 67°
Chester Rake Dredge, Contents about 1 bus soft mud with sand. sticky bottom which contained about 1 quart of material, mostly Yoldias. Mulinias and

hucalus conspicuous by their absence
2 starfish. a few tubes of Maldanidae
and part of a tube of Chaetopterus
and Spirochaetopterus. Pandalus 1 spec.
was all the dredge contained.

Station 1778 — Oct. 10th 1892 Depth 14 fathoms
Sp. gr: Surface 1022.2 Temp. 62°
" " Bottom 1022.2 " 62°
Beam Trawl: About a bushel of material was taken. Mostly soft mud, cinders and dead shells. The distinctive feature of the haul was the number of Scapharca transversa attached to cinders and dead shells. One single small oyster had been killed by by a drill. The other material consisted of the common form of crustacea found everywhere on soft and hard bottom in the Sound.

Station 1779 — Oct. 10th 1892 Depth 22 fathoms 4 ft.
Sp. Gr. Surface 1022.2 Temp. 62°
" " Bottom 1022.2 " 62°
Beam Trawl. About 2 bushels of soft mud and cinders with very numerous dead valves of Callista convexa and many living Scapharca transversa attached to cinders. One starfish and the usual fish and Crustacea

Station 1780 — Oct. 10th 1892 Depth 14 2/6 fathoms
Sp. Gr. Surface 1022. Temp. 63°
" Bottom 1022.0 " 62°
Beam trawl. About one bushel of material. Soft Mud with numerous

dead valves of Callista convexa and a few living ones. also numerous living and dead. Scaphaera transversa attached to cinder and the usual form common to all bottom at this depth in the Sound.

Station 1781

Oct. 10th 1892 Depth. 18 3/6 fathoms
Sp. Gr. Surface 1022.0 Temp. 63°
" " Bottom 1022.0 " 62°
Beam Trawl: About 4 bushels of soft-mud and cinder a few living Yoldia one Limulus very little life.

Station 1782

Oct. 10th 1892 Depth 18 1/6 fathoms
Sp. Gr. Surface 1021.8 Temp. 63°
" " Bottom 1021.8 " 62°
Beam Trawl: 1/2 bushel of soft-mud and cinder. One Modiolaria nigra 2 or 3 Astartes and a few hermit crabs

Station 1783

Oct. 10th 1892 Depth. 13 4/6 fathoms
Sp. Gr. Surface 1021.8 Temp. 63
" " Bottom 1021.8 " 62
Beam Trawl: About 1/2 bushel of material. Soft-sandy mud, a few Astartes, cinder, small spines and the usual common forms. Very little life.

Station 1784

Oct. 10th 1892 Depth 9 5/6 fathoms
Sp. Gr. Surface 1021.8 Temp. 63
" " Bottom 1021.8 " 62
Chester Rake Dredge. The rake fouled on the bottom and came up with but one Limulus

Station 1785. Oct. 10th 1892 Depth. 13 2/6 fathoms
Sp. Gr. Surface 1021.8 Temp. 63°
" " Bottom 1021.8 " 62°
"Chester Rake Dredge." Dredge fouled and came up with but a little mud and gravel and dead shells

Station 1786 Oct. 10th 1892 Depth. 27 fathoms
Sp. Gr. Surface 1021.8 Temp. 63
" " Bottom 1021.8 Temp 62
Beam Trawl. About a bushel of soft mud with numerous dead valves of Callista convexa also a few living. One Callinectes of good size, with the usual common fauna.

Station 1787 Oct. 10th 1892 Depth. 18 fathoms
Sp. Gr. Surface 1021.8 Temp. 63°
" " Bottom 1022.0 " 62°
Beam Trawl. About 5 bushels of soft mud which when washed left about 1/2 peck of cinders and a few very large Goldsia. Also a few small fish.

Station 1788 Oct. 10th 1892 Depth. 22 fathoms
Sp. Gr. Surface 1021.8 Temp. 63
" " Bottom 1022.0 " 62
Beam Trawl. About 4 bushels of soft mud was brought up which was washed out leaving 3 buckets of medium sized Libinias, 2 sp. Lunulus a few cinders and small fish.

Station 1789 Oct. 10th 1892 Depth. 18 1/6 fathoms
Sp. Gr. Surface 1021.8 64
" " Bottom 1022.0 63
Beam Trawl: About 2 bushels of soft-

mud. with very little life. ~~&~~ no importance

Station 1790 — Oct. 10th 1892 — Depth 14 4/6 fathoms
Sp. Gr. Surface 1021.8 Temp 64°
" " Bottom 1022.0 " 63°
Beam Trawl. About the same quantity of mud as in #1789. with a few Astartes

Station 1791 — Oct: 10 1892 — Depth 12 fathoms
Sp. Gr. Surface 1021.6 Temp 64°
" " Bottom 1021.8 " 64°
Beam Trawl. About 5 bushels of soft-mud was obtained and ½ bushel of cinder a few Astartes and a few dead shells

Station 1792 — Oct: 10th, 1892 — Depth
Sp. Gr. Surface 1021.6 Temp. 64°
" " Bottom 1021.8 " 64°
Beam Trawl. About 3 bushels of soft-mud. Scapharca transversa living and dead. One Argina pexata. a few drills ~~and~~ (Tritias)

Station 1793 — Oct: 10th 1892 — Depth 17 fathoms
Sp. Gr. Surface 1021.4 Temp. 64.
" " Bottom 1021.6 " 64.
Beam Trawl. About 5 bushels of material — mud and shells mixed with cinders
This Station was on the edge of the dumping ground. and the shell were nearly all dead.

Station 1794 — Oct. 10th 1892 — Depth. 23 fathoms
Sp. Gr. Surface 1021.4 Temp 64
" " Bottom 1021.6 " 64.
Beam Trawl: About a bushel of mud with a few cinders and dead shells. A few fish.

Station 1795 — Oct. 10th 1892 — Depth. 16 fathoms
Sp. Gr. Surface 1021.4 Temp. 64
" " Bottom 1021.4 " 64
Beam Trawl. About a peck of material was obtained, containing about one quart of small hermit crabs (E. longicarpus) and dead shells, also a few dead shells of Scopharca transversa

Station 1796 — Oct. 10th 1892 — Depth $10\frac{2}{6}$ fathoms
Sp. Gr. Surface 1021.2 Temp 64°
" " Bottom 1021.2 " 64°
Beam Trawl About ½ bushel of material was taken consisting of 26 Common Skates and a few dead shells.
16 Skates were cut open and examined to see if possible what food brought them together in such numbers. All were found to have eaten small crustacea of one spe. ( ) Large number from the stomachs were saved for identification

Station 1797 — Oct. 10th 1892 — Depth 10 fathoms
Sp. Gr. Surface 1021.2 Temp 64°
" " Bottom 1021.2 " 64°
Beam trawl. About one bushel of Material consisting of Pecten irradians which no doubt had been planted in this place or some other ~~for~~ as cultch This was made all the more evident by the occasional Mya valves) ~~Also~~
In addition, there there were a few living forms common to all kinds of bottom

Station 1798 — Oct. 10th 1892 — Depth 12 fathoms
Sp. Gr. Surface 1021.2 Temp 64
" " Bottom 1021.2 " 64
Beam Trawl. About one bushel of Material was saved? consisting of Coal Cinder 4 Fulgar and about 1 quart of dead shells

Station 1799 — Oct 11th 1892 — Depth $9\frac{2}{6}$ fathoms
Sp. Gr. Surface 1022.0 Temp. 63
" " Bottom 1022.0 " 62
Beam Trawl. About one half bushel of Material was taken. Soft mud. 2 or 3 species of flat-fish. 2 Skates. 1/2 peck of Coal cinders and a very few dead shells

Station 1800 — Oct. 12th 1892 — Depth. $9\frac{4}{6}$ fathoms
Sp. Gr. Surface 1022.2 Temp. 62
" " Bottom 1022.6 Temp. 61
Beam Trawl About one half bushel of Material was taken consisting of Soft Mud. 2 skates and some small fish. About 1/2 peck of Cinders to which were attached Scapharcas transversa in addition there were some few. Astartes alive and some dead.

Station 1801 — Oct. 12th 1892 — Depth 10 fathoms
Sp. Gr. Surface 1022.2 Temp. 62
Sp. Gr. Bottom 1022.6 Temp. 61
Beam Trawl. About one bushel of Material was taken consisting of of soft Mud. well filled with Nucula proxima
Also a few common forms of fish and invertebrates

Station 1802 — Oct. 12th 1892 — Depth 11 fathoms
Sp. Gr. Surface 1022.2 Temp. 62
" " Bottom 1022.6 " 61
Beam Trawl: About a bushel of Material consisting of soft mud filled with Nucula proxima. 27 Starfish and a few common fish.

Station 1803 — Oct. 12th 1892 — Depth 12 fathoms
Sp. Gr. Surface 1022.2 Temp. 62°
" " Bottom 1022.4 " 62°
Beam Trawl About 1 bushel of soft mud. 62 Starfish. Numerous cinders. Nuclear were plentiful. Yoldia few. All common forms.

Station 1804 — Oct 12th 1892 — Depth 12 fathoms
Sp. Gr. Surface 1022.2 Temp. 63°
" " Bottom 1022.4 " 63°
Beam Trawl 1 one bushel of soft mud one starfish 2 skates few Yoldia very few cinders

Station 1805 — Oct. 12th 1892 — Depth 22 fath.
Sp. Gr. Surface 1022.2 temp 63°
Bottom 1022.4 " 63°
Beam Trawl. About a bushel of Material was taken consisting of soft black? Mud. 2 starfish 3 small flounder A small amount of cinders small squid young scap.

Station 1806 Oct. 12th 1892 Depth. 12 3/6 fathoms
Sp. Gr. Surface 1022.2 Temp 63°
" " Bottom 1022.4 " 63°
Beam Trawl - About one peck of Material
One skate 3 kinds of flounder Numerous
hermit crabs one starfish small fish.
Numerous dead shells of Neverita.
One Platyonychis small Cancer numerous

Station 1807 Oct 12th 1892 Depth 10 2/6 fathoms
Sp. Gr. Surface 1022.2 Temp 63°
Bottom 1022.2 " 63°
Beam Trawl About one bushel of soft
Mud, and ½ peck of cinder
28 Starfish Vocular were very numerous
Yoldia few. Hermit crabs and
all common forms

Station 1808 Oct 12th 1892 Depth. 10 fathoms.
Sp. Gr. Surface 1022.2 Temp. 63
" " Bottom 1022.4 " 63
Beam Trawl, About one bushel of
Material was taken, Soft mud.
25 starfish No vocular were found
One of the starfish was in the act
of devouring a Scapharca transversa
which were numerous. Astarte few.
All common species