

"The Depths of the Sea Text"

"Challenger" 3 1/2 Year Voyager

- (1) Mapped the Ocean 200 Fathoms
- (2) Temperature of the Oceans
- (3) Different Characteristics of different Oceans
- (4) Positions of Islands
- (5) Currents of surface & depths
- (6) Animal life in all layers of the oceans
- (7) New Animals

50 Volumes

Surface on Whalen Artic: Not an MD - ex-medical student Murray took a vacancy on 1st

Challenger expedition. Worked on **5 of 50** volumes.

Deposits

Plankton

Coral reefs

Minimal wealth of Wealth of Christmas Islands in Indian Ocean

1500 Colonists

Phosphate deposits

(Income to Britain paid for Challenger expedition)

"Michael Sars" Voyage in 1900

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Dr. Hjob (financed by Murray)

Depth of the Ocean (1912)

Wyrllle Thompson Ridge

(Northwest Scotland to Farbes)

Temperature Difference

(Temperature) SE H2O 12° warm than NE in NE 30° and flowery or depth (300 fathoms)

Palumbo & Closing Net - lowered closed - open & haul close and draw in

"Vettor Pissam" Voyage

Contemporary Oceanography:

Leadus: (1) Edward Forbes (1815-1854)

(2) Mathews Maury (1806-1813)

Forbes/Manxman - 12 years old "Manual of British Natural History"

Medical Student: Did not take the medical exam instead professor of paleontology, geology, and natural history

Utilized - Drudge for bottom sample

(Aegean - 200 Fathoms)

8-depth zone/Animal Life

Lifeless deep - Agoric below 300 Fathoms

Maury - American Navy Lieutenant

"Pathfinder of the Sea"

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1st text on Oceanography

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