

FIND MARINE LIFE DEEP IN THE OCEAN

Depth of 800 Feet Reached by
Wm. Beebe in New Diving
Apparatus

Details of marine life, in ocean depths, never before reached by human beings, are being recorded by William Beebe's New York Zoological society's expeditions, says a press report from Bermuda Islands.

Beebe has just succeeded in descending 800 feet below the surface of the ocean. The amazing part of this scientific exploit can be comprehended by the fact that the previous record for diving was only 325 feet. Dr. Beebe accomplished his remarkable feat by using a specially constructed steel ball with fused quartz windows. The giant sphere contained a compressed oxygen tank and apparatus for consuming breathed air.

A cable was used to lower the ball from a tug and the great scientist carried on continuous conversation by telephone with his assistants on the surface.

Fish Are Observed

Fish never before observed in their natural surroundings were watched by Beebe and his discoveries are expected to add a brilliant new chapter to man's knowledge of deep-sea life.

The expedition is planning to use its apparatus to make observations at a depth of half a mile. The steel ball was invented by Otis Baron. The present trip is Beebe's 32nd expedition.

To catch fish at these enormous depths, the expert on oceanography plans to use silk nets in his trawling. Two miles of wire are let out because a net is down obliquely. To send it down another mile takes two miles more of wire.

In past years, the nets have been pulled up so slowly that most of the larger fish escaped, but this time, Beebe hopes to expedite the process. Last fall when Dr. Beebe returned from his last trip, he brought back with him nearly 10,000 specimens of 1,000 fish, fewer than 800 of which were known to the scientific world at the time.

New Specimens

There were many illuminated and multi-colored fish in the catch, and all of them lived long enough for the expedition artist to take pictures in their natural surroundings.

One remarkable fish was able to swallow another three times its size and another was fully equipped with a rod, line, light and hooks.

Mrs. Beebe, who is known in the literary world as Ellswoth Thane, will remain with the expedition for a month, then leave for England, to compile material for another book.

On Dr. Beebe's staff are such well-known scientists as John Tee Van, Gloria Hollister, William K. Gregory and Charles J. Fish. The expedition carried with it 180 cases of equipment.

Dr. Beebe says that while the depths of the Atlantic and Pacific have been widely explored, the waters around Bermuda are comparatively virgin fields for scientists.

VOTING PRECINCTS; ELECTION JUDGES

List of Polling Places and Officials in Towns in This Section

Two new voting precincts appear in the list of polling places announced by the Board of Supervisors last week, according to the official designation of judges of election announced by County Clerk Lew A. Hendee.

Benton and Shields townships each have new precincts. The old fourth district in Benton has been divided so that a new voting precinct has been established at the Beach school. Shields has a new voting precinct at the Elmer Atkinson garage at 22nd street and Hervey avenue, North Chicago.

There are 71 precincts in Lake county, 24 of which are in Waukegan.

The list of the polling places and the judges of election designated for the fall election in Shields, Deerfield and West Deerfield townships are as follows:

Shields 1, American Legion, hall, Forest ave., Lake Forest; Judges J. Anderson, J. Duggan, R. Bricknell.

Shields 2, Town hall, Lake Bluff; Judges F. J. Geraghty, E. M. Mawman, Chas. Toomey.

Shields 3, City hall, North Chicago; Judges Thomas Murphy, J. Nelson, H. Tallett.

Shields 4, Gorton school, Lake Forest; Judges E. J. Monahan, F. Hoffman, A. Baker.

Shields 5, Young Men's Recreation building, Lake Forest; Judges J. Kelly, Wm. Kemp, J. Bradley, Jr.

Shields 6, Winter club, Lake Forest; Judges John Spellman, A. D. Jackman, H. Bayes.

Shields 7, Lambert garage, 1050 N. McKinley road, Lake Forest; Judges W. J. O'Neill, A. L. Marwede, R. Ketcham.

Shields 8, Elmer Atkinson garage, 22 and Hervey ave., North Chicago; Judges J. C. Strong, Elmer Atkinson, Homer Redding.

West Deerfield

West Deerfield 1, Town hall, Deerfield; Judges Wm. Steffes, Earl Frost, Alvin Meyer.

West Deerfield 2, Edw. Bleimehl store, Deerfield; Judge James O'Connor, Wm. Plaggie, Geo. Beckman.

West Deerfield 3, Anderson's grocery store, Everett; Judges Joseph Fincutter, Wm. Burns, Wm. Snedden.

Deerfield

Deerfield 1, City hall, Highwood; Judges Robert Smith, A. E. Huestis, M. J. Gibbs.

Deerfield 2, Deerfield-Shields, High school; Judges E. S. Gail, W. E. Bletsch, John Oliver.

Deerfield 3, H. M. Prior's office; Judges H. F. Kelley, Fred Rudolph, W. E. Brand.

Deerfield 4, North Shore Gas office; Judges Martin Ringdahl, Nick Wink, Sam Martin.

Deerfield 5, residence, 381 Roger Williams ave.; Judges Carl Grant, S. S. Stanger, Rose Frost.

Deerfield 6, Vencil Muzik store, Green Bay road; Judges Sol. St. Peter, Frank Parker, A. B. Hill.

Deerfield 7, Brands store, 532 Central avenue, Highland Park; Judges W. J. Obee, Herman Denzel, Herman Schwery.

Deerfield 8, Lincoln avenue school Highland Park; Judges G. L. Vetter, Jack Hart, Fred Tucker.

Deerfield 9, Witty building, 475 Roger Williams ave., West, Highland Park; Judges D. M. Blaiser, Joseph Stipe, Elmer Malmquist.

Governor Signs Most of Bills for Chicago Relief in Finances

Governor Louis L. Emmerson signed all but 11 of the more than 30 measures enacted at the special session of the 56th general assembly for the financial relief of Chicago and Cook county. The remaining 11 bills will be permitted to become laws without the governor's signature. They authorize more than \$62,000,000 in bond issues without referendum.

Governor Emmerson in announcing his refusal to sign the bills declared that he was opposed to bond issues which do not provide a referendum. However, he pointed out that the consequences of vetoing the relief measures would be so appalling that he was unwilling to assume the responsibility for such a course of action.

Provides for Illinois Waterway Completion

The largest and most comprehensive rivers and harbors bill ever formulated has been passed by both the national house and the senate. The measure includes provision for the completion of the Illinois waterway by the federal government at a cost of \$7,500,000. The project, estimated to cost nearly \$40,000,000, was begun by the state of Illinois and carried as far as available funds permitted. Governor Louis L. Emmerson and other state officials have made trips to Washington in the interest of this legislation. Congressman Wm. E. Hull, Peoria, is a member of the rivers and harbors committee, and has been one of the measure's staunchest advocates.

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