SCIENTISTS URGED TO CURE ILL WORL

Their Methods Are Needed is Politics and Economics, Dr. **Butler Tells Geologists**

1,000 IN CONVENTION HER

They Elect Dr. T. W. Vaugha as President-Three Other **Groups Hold Meetings**

If a world confronted by chao and seemingly insoluble problem is to survive and to go on to nev roads of progress, the scientifi method must be applied in studying and in solving the political and ecc nomic enigmas ahead of us, Dr Nicholas Murray Butler, presiden of Columbia University, declare yesterday in welcoming more than 1,000 delegates to the fifty-first an nual meeting of the Geological Sc ciety of America.

day morning at the Hotel Waldor cal Society of America. Astoria. Meeting in conjunctio mopkins University. with the Geological Society are th Paleontological Society, the Mine Dr. W. Maurice Ewing, Lehis Dr. Eugene Callaghan, alogical Society of America and th University. Eastern section.

Geological Society Elects

ington, D. C., was elected president of the Geological Society for 1931 Thomas A. Dr. Vaughan, senior geologist c the United States Geological Suppr. Harry H. Hess, Princeton Un vey, will succeed Dr. Arthur L. Day former director of the Geophysica, Laboratory of the Carnegie Inst tution at Washington. Forty-four fellows, including twDr. Frank S. Hudson, Shell C

women, also were elected. They rep Company. resent educational institutions, mi Dr. Herbert Insley, National B seums, government bureaus and ir reau of Standards. dustrial organizations in every sec Dr. Glenn L. Jepsen, Princeto tion of the United States an University. Canada.

eralogical Society "for meritoriou Dr. Lowell R. Laudon, University achievement in mineralogy an of Tulsa. allied sciences" was presented t Dr. Andrew Leith, Cleveland, Ohi Dr. Waldemar Theodore Schaller Dr. Ernest R. Lilley, New Yor chief mineralogist of the United University. States Geological Survey, at Dr. Arthur C. McFarlan, University luncheon meeting. The presenta of Kentucky. tion was made by Dr. Esper SGeorge Washington Morey, Geo-Larsen, Professor of Petrograph; physical Laboratory, Washington. at Harvard University. Lieut. Comdr. Hall A. Smith o States Geological Survey.

detic Survey presented a paper Montana. prepared in collaboration with the Dr. John C. Reed, United States late Dr. A. C. Veatch, who dies Geological Survey. suddenly last Sunday, explaining Robert I. Roth, Humble Oil and that the Atlantic Ocean had rise Refining Company. and fallen 12,000 feet during the las Dr. John Thomas Rouse, Ohio State 20,000 years. He said the Atlantic University. was now near the peak of one oDr. Loris S. Russell, University of its oscillations.

about 20,000 years ago was probabl. State University. 100 miles or more beyond the shore Clarence W. Sanders, Shell Petroof today.

the continents, the water making Oil Company. up these great ice sheets was reDr. Albert N. Sayre, United States stored in the sea in sufficient quan Geological Survey. tities to raise the sea level abou Dr. Erich M. Schlaikjer, Brooklyn 260 feet to approximately its pres College. ent height," he declared.

Dr. Fred B. Phleger Jr. of Am of Arizona. herst College reported that geoDr. Louis B. Slichter, Massachulogic studies with the remains o setts Institute of Technology. microscopic one - celled animal Paul A. Smith, United States Coast found recently about ten feet belov and Geodetic Survey. the sea floor 125 miles off the At Dr. Alfred K. Snelgrove, Frinceton lantic Coast indicated that 150,00 University. years ago temperatures were com Reuben A. Stirton, University of

parable to those of the present era California. New and rich oil fields are being Dr. Marcellus H. Stow, Washington formed on the sea bottom just of and Lee University the shore oil belt in California, ac and Lee University.

cording to a paper presented by Dr Dr. Eldon M. Thorp, Baylor Uni-Roger Revelle of the Scripps Insti_versity. tution of the University of Califor Earl A. Trager, chief, National nia. Materials rich in organic mat_Park Service. ter which are believed to be th Dr. George Tunell, Carnegie Instisource of oil are being steadily de_tution. posited off California, he said.

hurricane of last Sept. 21, Dr. Rob ert L. Nichols and Dr. Lawrence Goldthwait of Tufts College predict ed that the breaks in the beache. Fourteen scientists were elected caused by the storm would b to fellowships in the Mineralogical partly healed in a few years.

the sea floor was described in an lege. other report, which detailed th Dr. Milton N. Bramlette. United work of a group of scientists led by States Geological Survey. Professor F. P. Shepard of th. Scripps Institution in examining samples taken from the sea floor in the last eighteen months,

Other Officers Chosen

Besides Dr. Vaughan, officers named yesterday by the Geological Society included: Professor Eliot Blackwelder, Stanford University, first vice president; Professor Elwood S. Moore, University of Toronto, second vice president; Dr. C. W. Gilmoer, curator United States National Museum, Washington, third vice president; Professor J. Ellis Thomson, University of Toronto, fourth vice president; Professor Charles P. Berkey, Columbia University, secretary; Professor Edward B. Mathews, Johns Hopkins University, treasurer.

These officers will also be councilors of the society. Other councilors named are: Joseph Stanley Brown, Kew Gardens; Professor A. F. Buddington, Princeton University, and Professor B. S. Butler, University of Arizona.

Professor Maxwell Naylor Short of the University of Arizona was named president of the Mineralogical Society, succeeding Professor J. Ellis Thomson. Other officers are Burnham S. Colburn, Biltmore, N. C., vice president; Professor Paul F. Kerr. Columbia University, secretary: Dr. Waldemar T. Schaller, United States Geological Survey, Washington, treasurer; Professor Walter F. Hunt, University of Michigan, editor; Professor Carl

Professor Ralph W. Chaney of the University of California was chosen president of the Paleontological Society to succeed Dr. C. W. Gilmore. Other officers include: Professor A. S. Romer, Harvard University, vice president; Professor B. F. Howell, Princeton University, secretary; Professor R. R. Shrock, Massachusetts Institute of Technology, treasurer.

Tolman, Washington University,

councilor, 1939 to 1942.

New Geological Fellows

The list of the new fellows of the Geological Society follows: Mrs. K. F. Billings, Wellesley Col-Dr. Madeleine A. Fritz, University of Toronto. Dr. Arthur B. Cleaves, Pennsylva-

nia Topographic and Geologic Survey. Dr. Lewis M. Cline, Iowa State

College. Ronald K. DeFord, Argo Oil Cor-

poration.

MULTIN INTERISTION OF DEPOTO INTERISTIONS OF THE

Professor Maxwell N. Shor Dr. T. Wayland Vaughan, elected Dr. Waldemar T. Schaller, who tend the three-day sessions, whice elected president of the Mineralog president of the Geological Societ received the Roebling Medal of the of America. Mineralogical Society.

chusetts Institute of Technology George C. Gester, Standard C Company of California. Institution. Hendricks, States Geological Survey. versity. Dr. M. King Hubbert, Columb University.

Meredith E. Johnson, State Ged The Roebling Medal of the Min_ogist of New Jersey.

Dr. Charles F. Park Jr., United

the United States Coast and GeoDr. Eugene S. Perry, University of

Toronto. He said the shore of the oceanDr. R. Dana Russell, Louisiana

leum Corporation. "As the glaciers disappeared fron Dr. James O. G. Sanderson, Home

Dr. Maxwell N. Short, University

Dr. Harold E. Vokes, American Mu-Reporting on the havoc cause seum of Natural History. throughout New England by the Dr. Harry V. Warren, University of British Columbia.

Fellows in Mineralogy

Society. They are: A new device to explore beneat Dr. George W. Bain; Amherst Col-

United States Geological Survey. Seismological Society of America Dr. Harold W. Fairbairn, Mass Dr. Harold W. Fairbairn, Massachusetts Institute of Technology. Dr. Cornelius S. Hurlbut, Harvard

Dr. T. Wayland Vaughan of Wast Dr. Roy W. Goranson, Carneg Dr. William Quarrier Kennedy, Geological Survey of Great Britain. Dr. Thomas S. Lovering, University of Michigan. Dr. John P. Marble, United States National Museum. Dr. Thomas N. McVay, University

of Alabama. Dr. William M. Myers, Pennsylvania State College. Dr. Joseph H. Pratt, Chapel Hili N. C. Dr. S. James Shand, Columbia University.

Dr. Jasper L. Stuckey, North Carolina State College.

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