

- Institute for Plant Research—"Light and Green Plants."
- August 29. Dr. William A. White, Superintendent, St. Elizabeth's Hospital—"Mental Hygiene."
- September 5. Mr. Charles L. Mitchell, principal meteorologist and district forecaster, U. S. Weather Bureau—"Tropical Hurricanes."
- September 12. Mr. Watson Davis, managing editor, Science Service, Inc.—"Industrial Revolutions."
- September 19. Dr. A. F. Blakeslee, assistant director, Station for Experimental Evolution of the Carnegie Institution of Washington—"Heredity and Environment."
- September 26. Dr. Paul G. Redington, chief, Bureau of Biological Survey, U. S. Department of Agriculture—"Uncle Sam Watches his Animals."

The talks are given at 3:45 p. m., Eastern Daylight Saving Time, while such time is in effect. After that they will be given at 3:45 p. m., Eastern Standard Time. They are presented from the Columbia studios in New York City, Philadelphia, Washington or Atlantic City.

#### PLANS OF THE SCRIPPS INSTITUTION FOR COOPERATION WITH EASTERN AGENCIES

COOPERATION by the Scripps Institution of Oceanography of the University of California with several eastern organizations has been arranged by Dr. G. F. McEwen, of the institution staff, who has recently returned from Washington and other cities in the East, according to announcement by Director T. Wayland Vaughan. Dr. McEwen made the trip to the Atlantic coast on business connected with preparation of reports on hydrographic observations made by the Carnegie Institution of Washington on the recent cruise of the non-magnetic ship *Carnegie*, and with the development and extension of the work on marine meteorology and weather forecasting by the Scripps Institution.

In the course of this trip a number of preliminary or provisional plans were discussed for closer cooperation between the Scripps Institution and several eastern organizations already active in related work. At Toronto, Ontario, Director J. Patterson, of the Canadian Meteorological Service, agreed to tentative plans for giving the Scripps Institution the use of thermograph records being obtained by four Canadian Pacific liners in regular service across the North Pacific. Each of these ships has a thermograph giving a continuous record of condenser-intake temperatures encountered from port to port.

At Clark University Dr. McEwen had a conference with Dr. C. F. Brooks, meteorologist, in which possibilities of cooperation in use of records and observations was discussed. At the office of the United States Weather Bureau in Washington arrangements with Mr. F. G. Tingley were practically completed, whereby copies of sea surface temperatures, winds and barometric pressures taken by ships will be made from the Scripps Institution to use in its work of forecasting rainfall in California. Similar arrangements were made with Mr. A. B. McManus in charge of the hydrographic records of the hydrographic office of the United States navy, by which copies of records of sea surface temperatures and of wind movements will be available for use by the Scripps Institution in its work of forecasting.

#### THE FOURTH GREENLAND EXPEDITION OF THE UNIVERSITY OF MICHIGAN

LARGELY as a result of the recently announced plans of the British Arctic Air Route Expedition, which is to be based on Angmagssalik in East Greenland, the plans of the Fourth Greenland Expedition of the University of Michigan have been somewhat modified.

The "eastern" party under Carlson instead of basing on Angmagssalik will be located near Upernivik in northwest Greenland. This party consisting of William S. Carlson and his assistant, Max Demorest, sailed July 31 on the Canadian Government steamship *Beothic* from North Sydney, Nova Scotia, direct to Godhavn in North Greenland, from which point it will later proceed to Upernivik on the Danish motorship *Disko*.

This party has material for construction of a house and is provisioned for one year's stay. It is equipped for carrying out upper-air studies, and pilot balloons will be sent up on all fair days for study of the atmospheric circulation. The front of the Cornell Glacier, one hundred and twenty-five miles north of Upernivik, which was surveyed by Tarr's Cornell Expedition more than thirty years ago, will be re-surveyed by Carlson. Dog sled expeditions over the inland-ice will be made by Carlson and special glacial studies carried out.

Evans S. Schmeling, conducting the southern party, will, as already stated, sail from Philadelphia for Ivigtut in extreme south Greenland August 13 on the ore freighter *Wagland* chartered by the Pennsylvania Salt Manufacturing Company of Philadelphia. Schmeling will carry out similar upper-air and glacial observations to those at the north station. The little settlements of Upernivik and Ivigtut are, respectively, about four hundred and fifty miles north and four hundred and fifty miles south of the Mount