

whose work, especially that on the preparation of synthetic reagents from the toluic acids, shows special promise; Danish Ramsay Fellowship to Mr. Kristian Høejendahl, of the University of Copenhagen, who will pursue his research in the University of Liverpool; two Swedish Ramsay Fellowships, to Dr. J. O. G. Lublin and Mr. A. W. Bernton; and two Norwegian Ramsay Fellowships to Mr. Dag Nickelson, who will work at the Imperial College of Science and Technology, and Miss Milda Prytz, who will work at University College, London. A special Ramsay Fellowship of the value of £350, which was placed at the disposal of the National Research Council of the United States of America, has been awarded to Dr. C. S. Piggot, of Baltimore, who will begin work at University College, London, in October.

### UNIVERSITY AND EDUCATIONAL NOTES

At the University of Missouri plans have been practically completed for the new agricultural building for which \$200,000 was appropriated by the last legislature. The building will constitute the center of the agricultural group, including the present agricultural and horticultural buildings, and will serve as the administration headquarters of the college of agriculture.

PROFESSOR M. JULES TISSOT, of the Paris Museum of Natural History, and Mme. Tissot have given 844,483 francs to the museum to endow the chair of physiology.

DR. CHARLES C. BASS has been elected dean of the school of medicine of Tulane University.

DR. H. H. LANE, for fourteen years professor of zoology at Oklahoma University, has been appointed head of the department of zoology at the University of Kansas. He succeeded Dr. B. M. Allen, who has gone to the Southern Branch of the University of California.

DR. WALDO SHUMWAY, assistant professor of biology at Dartmouth College, has been appointed associate professor of zoology at the University of Illinois.

DR. M. KHARASCH, who has held a National Research fellowship at the University of Chicago for the past three years, has been appointed associate professor of organic chemistry at the University of Maryland.

W. T. CHAMBERS, graduate student in the department of geography of the University of Chicago, has been appointed to a newly established instructorship in geography at the University of Tennessee.

MISS MARION BELL has been appointed biochemist in pediatrics and child welfare research at the University of Iowa.

PROFESSOR D. THODAY, of the University of Cape Town, has been appointed to the chair of botany, in succession to Professor R. W. Phillips, who retires after thirty-eight years' service.

J. A. S. WATSON has been promoted to the chair of agriculture and rural economy at Edinborough, in succession to Professor Robert Wallace, retired. Professor Watson was demonstrator in botany under Sir Isaac Bayley Balfour, afterwards continuing his studies in Germany, America, and Canada.

### DISCUSSION AND CORRESPONDENCE

#### THE FOOD HABITS OF SWORDFISH

THE recent note of Mr. C. H. Townsend ("Swordfish Taken on Trawl Lines," *SCIENCE*, Vol. 56, p. 18) brings up the question of whether these fishes descend to considerable depths for food. On this point I have some evidence which may be worthy of record.

The late Captain John Toothaker of South Harpswell, Maine, was always very helpful to the Harpswell Laboratory, and would bring in from his trips any of the peculiar animals he found while sword fishing. Some years ago he turned over to me a couple of deep sea fishes which he had taken in a swordfish stomach. I have forgotten the genus and species, but both belonged to the Scopelidæ, and as I recall looking the matter up, the species had never been taken in less than 800 fathoms. The specimens were quite fresh and the digestive juices had hardly affected the integument, and the phos-