

This report, which was further discussed by several members, was printed in the issue of SCIENCE for January 5.

Other reports were presented, as follows:

Research on the Pacific Coast: Mr. Merrian.
 Research Funds: Mr. Cross.
 The Training of Students for Research: Mr. Brown.
 Mathematics: Mr. Miller.
 Astronomy: Mr. Pickering.
 Physics: Mr. Webster.
 Chemistry: Mr. Stieglitz.
 Engineering: Mr. Kennelly.
 Geology and Geography: Mr. Davis.
 Zoology: Mr. Conklin.
 Anatomy: Mr. Harrison.
 Pathology: Mr. Pearce.
 Physiology: Mr. Cannon.
 Psychology: Mr. Cattell.
 Anthropology: Mr. Boas.

The reports of the chairmen of the subcommittees were in most cases preliminary. They were discussed by various members. Those containing definite results or recommendations will be printed.

It was reported to the committee that, at the request of the National Research Council, the Committee on Policy of the American Association for the Advancement of Science had authorized the appointment by the president of the association of a committee on cooperation to include himself. The other members appointed by the president were: Mr. Nichols, chairman of the Committee on Policy, and Mr. Howard, permanent secretary of the association. Mr. Nichols and Mr. Howard had met in New York with Mr. Noyes and Mr. Conklin, representing the National Research Council, and took the following action:

The Committee on Cooperation recommends (1) that the Committee of One Hundred on Scientific Research of the American Association for the Advancement of Science cooperate with the National Research Council in those research movements in which both organizations are interested and especially in order to avoid duplication of effort that might arise from individual action of the two groups of committees which have already been appointed in the different sciences; (2) that the Committee of One Hundred, of the Association, cooperate with the National Academy of Sciences and the national scientific societies in the forma-

tion of single committees in the various branches of science, with the understanding that the present members of the association committees will become members of these committees of the National Research Council.

On motion of Mr. Noyes, this action was approved, except the final clause "with the understanding that the present members of the association committees will become members of these committees of the National Research Council." Mr. Noyes moved that:

In order to effect the cooperation provided by the preceding vote, the Committee of One Hundred on Research designate through its chairman members of the association to serve as members of the research committees of the National Research Council devoted to the various branches of science, with the understanding that those committees will consist of members designated in equal or approximately equal numbers by the association, the National Academy of Sciences, and the national scientific society representing the branch of research involved.

After discussion this motion was carried.

On motion of Mr. Boas, a subcommittee was authorized on cooperation between municipalities and incorporated institutions engaged in research.

The committee adjourned shortly after five o'clock to meet at two o'clock on the afternoon of the first day of the next annual meeting of the association, which will be on December 28, at Pittsburgh, Pa. J. McKEEN CATTELL,

Secretary

SCIENTIFIC EVENTS

CONGRESS ON MEDICAL EDUCATION, PUBLIC HEALTH AND MEDICAL LICENSURE

THE next Congress on Medical Education, Public Health and Medical Licensure, participated in by the Councils on Medical Education and on Health and Public Instruction of the American Medical Association, the Federation of State Medical Boards of the United States and the Association of American Medical Colleges, will be held at the Congress Hotel, Chicago, on February 5 and 6, 1917. According to the *Journal* of the American Medical Association the program of Monday morning, February 5, will be on medical education. The program follows:

Opening of the Conference, Dr. Arthur Dean Bevan, chairman of the council on medical education, Chicago.

"Progress of the Year in Medical Education," Dr. N. P. Colwell, secretary of the Council on Medical Education, Chicago.

"The Problem of Higher Degrees in Medicine," Dr. Horace D. Arnold, dean, Harvard Graduate School of Medicine, Boston.

Symposium: "Economy of Time in Preliminary and Medical Education." Dr. John L. Heffron, president of the Association of American Medical Colleges, Syracuse, N. Y. Hon. P. P. Claxton, United States Commissioner of Education, Washington, D. C. President Harry Pratt Judson, University of Chicago. Discussion by President George E. Vincent, of the University of Minnesota, Minneapolis, and Professor C. H. Judd, University of Chicago.

On Monday afternoon the general topic will be medical licensure. The program follows:

"Practical Examinations by State Licensing Boards," by Dr. Walter P. Bowers, Secretary of the Massachusetts Board of Registration in Medicine, Boston.

"Minnesota Practical Examinations—As They Are and As We Should Like to Have Them," Dr. Annah Hurd, member of the Minnesota State Board of Medical Examiners, Minneapolis.

Discussion opened by Dr. W. J. Means, chairman, Executive Council, Association of American Medical Colleges, Columbus, Ohio.

Report of Examination Held by the National Board of Medical Examiners, Dr. Isadore Dyer, a member of the National Board and Dean of the Tulane University of Louisiana School of Medicine, New Orleans.

Discussion opened by Dr. John M. Baldy, president, Pennsylvania Bureau of Medical Education and Licensure, Philadelphia.

"The Problem of the Medical Cults," Dr. David A. Strickler, president of the Federation of State Medical Boards and secretary of the Colorado State Board of Medical Examiners, Denver.

Discussion opened by Mr. Harry E. Kelly, formerly attorney for the Colorado State Board of Medical Examiners, Chicago.

On Tuesday morning public health topics will be discussed. The program follows:

Opening of the Conference, Dr. Frank Billings, chairman of the Council on Health and Public Instruction, Chicago.

"Public Health Training in Medical Colleges,"

Dr. George E. Vincent, president, University of Minnesota, and president-elect, Rockefeller Foundation.

"What Training Should the Public Health Officer Receive in Medical Colleges," Dr. Hermann E. Biggs, state commissioner of health, New York.

Discussion opened by Dr. Victor C. Vaughan and Dr. S. J. Crumbine.

On Tuesday afternoon there will be a popular discussion of topics relating to medical licensure. The program follows:

"State Regulation of the Practise of Medicine an Educational Problem," Professor Edmund J. James, president, Illinois State University.

"The State Regulation of the Practise of Medicine as an Executive Problem," Honorable James M. Cox, governor of Ohio.

Discussion opened by Dr. C. St. Clair Drake, Dr. W. B. Hinsdale and Dr. William P. Best.

ADDRESSES AND LECTURES

At the thirteenth annual meeting of the Association of American Geographers held in New York, a symposium on "The Geography of the War," was conducted by Professor Douglas Wilson Johnson, of Columbia University, the program being as follows:

INTRODUCTION

"The Geographic Factor in Military Problems," by Douglas W. Johnson.

THE WAR ON LAND

"The Plains of Northern France," by Sumner W. Cushing.

"Rivers and Marshes of the Eastern Front," by Lawrence Martin.

"The Danube Valley and the Balkan Complex," by Ellsworth Huntington.

"The Carpathian Mountains and Transylvanian Alps," by Emmanuel De Martonne.

THE WAR ON WATER

"Geographic Aspects of the War on Water," by J. Paul Goode.

THE WAR IN THE AIR

"Geographic Aspects of the War in the Air," by R. DeC. Ward.

ECONOMIC EFFECT OF THE WAR

"Economic Geography of the War," by J. Russell Smith.

Dr. S. W. Williston, of the University of Chicago, gave a lecture on "The Earliest