

Since the preparation of the above report the pharmaceutical members of the committee have held a meeting in Rapid City at which it was decided that the committee should continue its efforts to secure contributions from other pharmacy schools and outside sources with which to make a comprehensive survey. The members decided also that the three organizations sponsoring the survey should proceed at once to collect their annual installments.

The committee acknowledges valued financial assistance received from the American Council on Education which paid the expenses of the Council's five representatives in attending the meetings of the Committee on the Study of Pharmacy.

Of the appropriation made by the National Association of Boards of Pharmacy there has so far been expended in survey work the sum of \$978.00. The Association of Colleges has spent thus far the sum of \$840.00. The expenses incurred by the members of the Committee representing the AMERICAN PHARMACEUTICAL ASSOCIATION have been paid by them.

(Signed) L. L. WALTON, *Chairman*.

(Signed) J. G. BEARD, *Secretary*.

After a general discussion it was moved by Dunning that the report be received, that the Committee be continued, that the Council express itself as being in accord with the other Associations interested in the study of Pharmacy and that the Council agrees to furnish as the ASSOCIATION'S subscription to the cost, fifteen thousand dollars (\$15,000) over a period of three years, if and when the additional sum of forty-five thousand dollars (\$45,000) required to match the combined subscriptions of the N. A. B. P., the A. A. C. P. and the A. PH. A. is obtained from other sources under the conditions set out in the report as submitted. The motion was seconded by DuMez and carried.

There being no further business, the Council then adjourned.

E. F. KELLY, *Secretary*.

1929 MEETING OF THE PLANT SCIENCE SEMINAR.

FROM A REPORT BY L. K. DARBAKER.

The seventh annual meeting of the National Plant Science Seminar convened Monday, August 19th, at the Game Lodge Inn in Custer State Park. The meeting was presided over by Dean Charles E. Mollett, with Dr. O. P. M.-Canis, as Secretary-Treasurer.

The Seminar was welcomed to Custer State Park of South Dakota in a well-chosen address concerning the Park and its history by Dr. C. C. O'Harra, President of the South Dakota School of Mines. This was followed by the opening address of Chairman C. E. Mollett. Communications were read from Drs. F. J. Wulling, A. Viehoever and Henry H. Rusby. The address of Chairman Mollett was referred to a Committee composed of Dr. C. C. Plitt, Baltimore, Dr. E. B. Fischer, Minneapolis, and B. V. Christensen, Gainesville, Fla. The meeting then adjourned to explore the camp and the surroundings, with Prof. A. C. McIntosh as guide. After dinner the group entertained with camp-fire stories and singing.

The program of Tuesday was opened with a paper by E. B. Fischer on the "Qualitative Analysis of the Ash Content of the Official Vegetable Drugs;" this was followed by a report of the Committee of the National Research Conference on Pharmaceutical Botany and Pharmacognosy, by the Chairman, H. W. Youngken. Dr. E. N. Gathercoal then gave his paper on "Further Studies on Color Nomenclature of the United States Pharmacopœia and the National Formulary." The meeting then adjourned in order to prepare for the trip to beautiful Sylvan Lake where lunch was served. After lunch the members started on a trip for the collection of botanical specimens and the climb to the summit of Mount Harney, under the leadership of Messrs. McIntosh, Rang and Petry.

The program of Wednesday was started with the reading of a paper on "The Medicinal Plants of Northern Ohio," by Dr. F. J. Bacon and H. V. Truman. Dr. F. J. Peterson, of Omaha, was introduced and invited to participate in the proceedings. Dr. Connolly, of the South Dakota School of Mines, gave a most interesting and instructive talk on the Geology of the Black Hills. A joint paper by Katherine Graham of the Wisconsin Course in Pharmacy and Margaret C. Gallagher of the School of Pharmacy, University of Oklahoma, entitled, "Euphorbia Marginata (the seed pod)," was read. A glossary of Histological Terms, prepared by Dr. H. W. Youngken

was then presented to the Seminar. At the request of Dr. Youngken the Chair appointed a committee consisting of Messrs. Plitt, Canis, Bacon, Fischer and Gathercoal, to assist him in perfecting the glossary to be used as a guide for the Committee of Revision of the U. S. P. and N. F. The report on the Chairman's address was read by Dr. Plitt and the following items were recommended by the Committee for adoption:

First: That the Seminar should encourage the establishment of medicinal plant gardens and medicinal herbariums.

Second: That exchanges of herbarium specimens and live indigenous plants be made by having each member prepare a list of those available for exchange as well as those desired.

Third: That the name of the Seminar be changed to that of the National Plant Science Seminar.

Fourth: That a brief constitution and by-laws be prepared and that a committee be appointed to draft the same and report to the 1930 session. The committee consists of Messrs. Plitt, Darbaker and Canis.

Fifth: That closer coöperation be had with the Scientific Section of the AMERICAN PHARMACEUTICAL ASSOCIATION without losing the identity of the Seminar. A letter from Dr. J. C. Munch of the Scientific Section of AMERICAN PHARMACEUTICAL ASSOCIATION dealing with the question was read and discussed at length. The committee recommended the following: That there is sufficient reason for the separate existence of the Seminar and that thanks be tendered members of the A. Ph. A. for their interest in the Seminar and also the privilege of publishing the papers in their official JOURNAL and that a copy of this recommendation be sent to Chairman Munch.

Sixth-a: That the scope of the term *Materia Medica* be defined. A committee composed of Deans Day and Havenhill and Dr. Fischer was appointed by the Chair to study the question and report at the next annual meeting.

Sixth-b: That more ways and means for vitalizing the teaching of Pharmaceutical Botany and Pharmacognosy be devised. A committee was then appointed by the Chair consisting of Drs. Bacon, Sterling and Rang to study the question and report at the next annual meeting.

Seventh: The committee recommended that the Chairman's address be published in an early edition of the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION. The recommendations were all unanimously adopted with the exception of item three.

Dean Serles of the South Dakota School of Pharmacy and G. A. Bender, Chairman of Publicity, were introduced. The Treasurer's report was read and accepted. Secretary-Treasurer O. P. M.-Canis was reelected and the nomination and election of the next Chairman was left in the hands of the Executive Committee. An evening session was held at which time papers were read as follows: "Tropical Drug Plants," by B. V. Christensen; "Ecology and Pharmacognosy," by O. P. M.-Canis; "Medicinal Flora of Montana and the Yellowstone Park," by C. E. Mollett.

Thursday was spent in a botanical expedition and fishing trip to the Limestone region near Deerfield. A picnic lunch was enjoyed in the Canyon and the members returned to the Game Lodge Inn in the evening where the day's ample catch of lusty trout was served for their dinner.

The meeting was resumed Friday morning. The following delegates to the National Conference on Pharmaceutical Research were appointed: H. W. Youngken, *Chairman*, H. V. Christensen, I. K. Darbaker, O. P. M.-Canis. Suggestions for the program for the next Seminar were offered and comments received. Dr. H. V. Army was called upon and responded with an urgent invitation for all the members of the Seminar to attend the National Conference on Research. Dr. E. L. Newcomb, founder and first chairman of the Seminar, and Prof. D. H. Spencer were introduced. Dr. Newcomb was called upon to address the Seminar and outlined a program for the next annual Pharmacy Week, giving methods by which it could be made more valuable. The Seminar endorsed the display for Pharmacy Week described by Dr. Newcomb. He approved heartily the manner in which the Seminar had been conducted and stated that the original idea for its organization was for research along the lines of pharmaceutical botany and pharmacognosy.

A unanimous vote of thanks was extended to the School of Mines for the valuable assistance rendered the Seminar by Dr. O'Harra, Dr. Connolly and Prof. McIntosh, and to the Superintendent of the Park, C. C. Gideon, and to Mrs. L. V. Thome, manager of the Game Lodge Inn, for their courteous treatment and efficient management.