

BULLETIN OF THE GEOLOGICAL SOCIETY OF CHINA.

PROCEEDINGS OF THE EIGHTH ANNUAL MEETING OF THE GEOLOGICAL SOCIETY OF CHINA HELD IN

NANKING, MAY 2, 3, 4, 1931.

The Annual Meetings of the past years were all held in Peiping. This was the first meeting held at Nanking at the invitation of National Central University. Fifty-four members were present, including Director W. H. Wong of the National Geological Survey, Prof. Y. C. Sun of National University, Peiping, Mr. T. O. Chu, acting Director of Geological Survey of Kwangtung and Kwangsi, Dr. H. C. Chang of Sun Yatsen University, Canton, and Mr. Y. M. Hsu of the Geological Institute of the Academia Sinica.

The first banquet was given by the Science Society at Central Hotel on Friday noon May 1st. President Tsai of the Science Society made an address welcoming the members of the Geological Society, following which Dr. W. H. Wong thanked the hosts on behalf of the Society.

The Annual Dinner took place at 8 P. M. Friday, at Shu Hsia Hotel (蜀峽飯店) at which sixty-four persons including both members and guests were present. Among the guests of the Society were Mr. and Mrs. C. L. Lo 羅家倫, Mr. C. Yang 楊銓 of the Academia Sinica, and Mr. C. C. Chien 錢昌照, President C. H. Chu 朱家驊 acted as toast master.

Speeches were made by Madame Chang, Madame Lo, Messrs. Lo, Yang, Chu, H. C. Chang, 張席禔 and Hsu 徐韋曼. This meeting closed at mid-night.

MORNING SESSION OF SATURDAY, MAY 2.

President Chu Chia Hua in Chair

The first session of the Eighth Annual Meeting was called to order at 9 A. M., Saturday, May 2 in the Lecture Hall of the Geological Department of the Central University, Nanking by President Chu Chia Hua. Fifty-four members were present. President Chu made a short address as follows:

"Our Society was founded just ten years ago. There are two characteristics of the Eighth Annual Meeting. Firstly, the Annual Meetings of the past

years were all held in Peiping, but now we hold the Eighth Annual Meeting at Nanking. Secondly, during past Annual Meetings we had no geological excursions, but now we have arranged geological excursions so that all members may have the opportunity of making acquaintance with one another". Then Dr. Y. C. Sun, the Vice-President, and Dr. W. H. Wong were asked to report on the proceedings of the past year. Dr. Sun having presented the minutes of the four special meetings of the Society pointed out that the total number of members of the Society including corresponding members and associates had increased from 26 charter members during the past ten years to 253.

REPORT OF THE TREASURER

To the council and members of the Geological Society of China, the Treasurer begs to submit the following report of the finances of the Society for the period June 2, 1930—April 18, 1931.

Receipts (June 2, 1930—April 18, 1931)

1. Balance credit, June 2, 1930.	\$ 355.17
2. Valueless bonds & bank notes	\$ 55.00
3. Membership dues	\$ 398.35
4. Life membership dues	\$ 300.00
5. Sale of Bulletins	\$ 651.10
6. Contributions from Geol. Institute, Shanghai (May, 1930-Feb. 1931)	\$ 600.00
7. Contributions from National University of Peking (1930) . .	\$ 400.00
8. Contributions from National Geol. Survey (Jan-Dec, 1930) .	\$ 600.00
9. Contributions from Dr. W. H. Wong	\$ 6.60
10. Interest	\$ 16.35
Total	<u>\$3,382.57</u>

Expenditure (June 2, 1930—April 18, 1931)

1. Printing bulletins Vol. 8, No. 4; Vol. 9, Nos. 1-3	\$2,007.82
2. Binding bulletins	\$ 37.91
3. Postages	\$ 227.81
4. Administration	\$ 160.01
5. Miscellaneous	\$ 18.50
Total	<u>\$2,452.05</u>

Total Expenditures	\$2,452.05
Balance credit	\$ 930.52
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	\$3,382.57
Cash on hand April 18, 1931	\$ 875.52
Valueless bonds and Bank notes	\$ 55.00
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	\$ 930.52

(Signed) S. C. Chien, *Treasurer*.

REPORT OF THE BOARD OF EDITORS

The Geological Society of China began by issuing only one number of Bulletin in its first year in 1922. The second year volume included two numbers and the third year three numbers, viz. about 300 pages. This continued till 1929 for which the eighth volume was issued in four numbers totalling about 400 pages. For the passing year 1930, the Volume Nine will also have four numbers. Owing however to the delay of the printing, only three numbers have been published, the fourth being still in press. The three numbers of the Volume Nine as already issued include 320 pages and many plates. A general classification of the papers published shows 2 papers each on mineralogy, general geology, and structural and physiographical geology, 3 on economic geology, 7 on stratigraphy and regional geology and 8 on palæontology. Of the latter group, 4 papers are on the fossils from the Chouk'outien excavation.

The growing size of the Bulletin of the Society reflects the increasing amount of geological work done in China. Indeed our bulletin counts among its contributors, geologists from all the geological and related institutions in China, widely distributed from Peiping to Shanghai and Canton.

A number of members proposed to publish this year, and promised to contribute to, a special volume in commemoration of both the 60th birth-day of Prof. A. W. Grabau and the 10 years' anniversary of his work in China. This Grabau anniversary volume will be referred to as Vol. X of the Society Bulletin and is now in press.

For the editorial work, thanks are especially due to Mr. T. C. Chow without whose help it would be impossible to print this bulletin at such high standard.

W. H. Wong (*Signed*)

On behalf of the board of editors.

Then a discussion on the constitution of the Geological Society of China followed which resulted in the amendment and adoption of a number of articles of the constitution of the Society. The meeting adjourned at noon.

BANQUET GIVEN BY THE ACADEMIA SINICA

The members of the Society were invited by the Academia Sinica at Shu Hsia Hotel 蜀峽飯店 on Saturday noon May 2. Dr. T'sai Yuan Pei was the Toast Master. After Dr. T'sai had given his address of welcome, President Chu thanked the hosts on behalf of the members of the Society.

AFTERNOON SESSION OF MAY 2.

(Prof. Y. C. Sun Presiding)

The following papers were read:

W. H. Wong:—Evolution of Landform in Szechwan.

J. S. Lee and S. Chu:—Stratigraphical correlation of Lower Yangtze Valley.

Discussed by Messrs. Chu, C. Li, Huang, and Sun.

T. O. Chu:—Note on the Stratigraphy of N. Kwangtung

H. C. Chang:—Discussions on the Gobi Peneplain of C. P. Berkey and F. K. Morris.

Discussed by Mr. Chu.

The following papers were read only by title.

W. Credner:—Das Kräfteverhältnis morphogenetischer Faktoren und ihr Ausdruck in Formbild Südost-Asiens.

A. W. Grabau:—Palæozoic Centers of Faunal Evolution and Dispersal.

A. W. Grabau:—Significance of the Sinal formula of Devonian and post-Devonian Spirifers.

Arnold Heim:—The Structure of Minya Gongkar, preliminary sketch with section.

BANQUET GIVEN BY MINISTRY OF INDUSTRY

The Ministry of Industry invited the members of the Society to the World Hotel on Saturday May 2, at 7 o'clock. P. M. Dr. Cheng, the Vice-Minister, was the toast master who gave an address of welcome. Speeches were made by Messrs. L. F. Chen 陳立夫, P. Y. Hu 胡博淵, Y. H. Chang 張翼後 and Dr. C. F. Wang 王正徵 to which President Chu responded with thanks.

GEOLOGICAL EXCURSION

On Sunday morning, May 3, members of the Geological Society went to Chihsiashan under Mr. C. Y. Liu's guide, seventeen members joined that trip, including Dr. Wong of Geological Survey, Dr. H. C. Chang of Sun Yatsen University, Mr. P. Y. Hu of the Ministry of Industry, and Messrs. T. K. Huang, 黃汲清, Y. S. Chi 計榮森 and L. K. Chang 常隆慶 of the Geological Survey of China.

The geology of Chihsia region has recently been surveyed in detail by Messrs. S. Chu and C. Y. Liu under the direction of Prof. J. S. Lee, the Director of the Geological Institute of the Academia Sinica. Not only were the different formations of Chihsia region recognized, but much interest in the overthrust of Devonian quartzite upon Mesozoic sandstone was also aroused. The party returned to Nanking by train at 9 o'clock P. M.

MORNING SESSION ON MAY 4

(Vice-President Dr. Sun in Chair)

The Meeting was reconvened at 9 o'clock, forty-eight members were present.

The following papers were read:

T. K. Huang:—Migration of the Tsinling Geosyncline.

T. O. Chu:—An interpretation of the history of the Development of Chientang-kiang, Chekiang.

Supplemented by Prof. C. P. Chang (張正平).

Discussed by Dr. Wong, Messrs. C. Lee and T. Y. Yu (俞德淵).

C. C. Yu:—Lower Carboniferous corals of China.

Y. S. Chi:—On the occurrence of the fossil *Estheria* in China and its geological significance.

The following paper were read by titles:

- S. S. Yoh:—On the occurrence of Gigantopteris flora in Chekiang province.
 V. K. Ting:—Permian of S. W. China.
 C. Y. Hsieh and C. C. Sun:—The Iron Ore Deposits of S. Anhui.
 H. C. Chang:—A brief summary on the Tertiary formations in Mongolia and the Correlations with Europe and N. America.
 E. Ahnert:—The possibility to find important Fossiliferous Deposits in N. Manchuria.
 H. T. Lee:—Igneous rocks near Nanking.
 T. Y. Yu:—Geological History of the igneous rocks at Chengkiang.
 K. L. Feng:—Origin of the Stromatolitic structure of Hsuanlung Iron Ore.
 S. Chu:—Hercynian Orogenic movement of S. Anhui.
 T. C. Lee:—The Genesis of the Manganese Deposits of Chihhsien (欽縣), Kwangtung.
 C. S. Li:—The Geological Structure between Lengchi (冷溪) and Hsing-miaotzu, on the boundary of Hsikang and Szechuan.

BANQUET GIVEN BY THE NATIONAL CENTRAL UNIVERSITY.

National Central University, Nanking invited the members of the Society on Monday evening at Shu Hsia Hotel. Dr. P. Y. Hu representing chancellor Chu Chia Hua gave a speech of welcome. Speeches were also made by Dr. Shao, the Chairman of Legislative Council, Minister Lee of the Ministry of Education/ Dr. Y. C. Sun, the Vice-President, thanked the hosts and guests. The meeting closed at mid-night.

CONSTITUTION OF THE GEOLOGICAL SOCIETY OF CHINA

Revised and passed by the Eighth Annual

Meeting May 1st, 1931.

- Art. I. This Society shall be known as the Geological Society of China.
 Art. II. The object of this Society shall be the advancement of geology and its allied sciences.
 Art. III. The membership of the Society shall consist of members, associates, corresponding members, and honorary members.