

GEOLOGY AND MINERAL RESOURCES OF THE FAR EAST

Edited by
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VOLUME ONE

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PREFACE

The geologist's units are often continents and oceans, centuries and millenia. Within the vast scope of geology, this book is devoted to China, Korea and Manchuria. It complements other English-language studies of Asian geology by Japanese geologists: *Geology of Japan* (1963), *Geology and Palaeontology of Southeast Asia* (volume I, 1964; volumes II and III forthcoming), and *Geologic Sheet Maps of the Far East* (1964).

This volume is derived from the formation of a committee in March, 1950, by the Tokyo Geographical Society, which had the purpose of compiling material on the geology and mineral resources of the Far East. Inaugurating a program for the preservation, compilation, and publication of such data, the committee collected articles from more than 200 specialists who had been repatriated after the war, and edited a three-volume series, *Toa Chishitsu Kosan Shi* (Geology and Mineral Resources of the Far East). One volume was devoted to each of the major areas, China, Manchuria, and Korea.

The series was published in 1952 and is now out of print. Since it was the committee's hope that the study be made accessible to Western as well as Japanese scholars, it is considered appropriate to publish an English version of the series rather than a second edition in Japanese.

The present volume consists of a selection of seventeen articles from the 1952 edition. It deals with stratigraphy, geology and mineral resources in the three areas. The remaining articles will be translated and edited for future publication.

Much of the basic research data were gathered before and during World War II. The intervening years have been ones of accelerating scientific research with the development of new tools and techniques, but since all of China and Manchuria and the northern half of the Korean Peninsula is now closed to Western—and Japanese—geologists, and since a few decades are minute in terms of geologic time, the value of the studies based on these data and included here have increased. Some articles were, of necessity, written from memory due to the destruction of data.

Publication of the Japanese and English editions was made possible by grants from the Ministry of Education and the generosity of the United States Geological Survey, which supplied the committee with topographic base maps and continued assistance in translating and editing.

The editors have striven for consistency in Romanization, particularly of place names. Some names conform to U.S. Board of Geographic Names style but no

feasible way of obtaining complete consistency was available. A glossary is, however, provided.

Because of the trying conditions under which some of the articles were written, it was not always possible to include an extensive bibliography.

We would like to acknowledge with gratitude the assistance of the following staff members of the U.S. Geological Survey who, while they were stationed in Tokyo, were especially active in the promotion of the committee's work: Messrs. T. KUROSAKA, S. K. NEUSCHEL, M. E. WING, C. S. JOHNSON, Helen L. FOSTER, D. H. DOAN, G. CORWIN, and R. C. KEPFERLE.

We would also like to thank Miss Reiko FUSEJIMA who prepared the glossary and Miss Ellen LOGAN who edited the English text.

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CONTENTS

Preface

KOREA

Synopsis of the Geological Systems of Korea	Iwao TATEIWA	3
Geology of South Korea	Teiichi KOBAYASHI	25
Volcanic Geology of the Cenozoic Alkaline Petrographic Province of Eastern Asia	Tōru TOMITA	139
On the Cenozoic Vertebrates in Korea	Fuyuji TAKAI	203
The Yōnch'ōn System Containing Cyanite and Andalusite Deposits	Takao YAMAGUCHI	209
On "Kotoite" and "Suanite"	Takeo WATANABE	236

MANCHURIA

A Summary of the Columnar Sections	Riuji ENDO	271
The Quaternary Period	Tokio SHIKAMA	298
Metallic Deposits	Tsutomu OGURA	337
On the Gold Ore Deposit of Chia-pi-kou and Lao-chin-chang	Hiroshi OZAKI	342
Banded Iron Ore Deposits of An-shan and Other Districts . .	Goro ASANO	357
Aluminous Shale	Takao SAKAMOTO	370
Nonmetallic Deposits	Takao SAKAMOTO	380

CHINA

Upper Paleozoic Formations of Coal Fields in North China	Yoshio ONUKI	395
The Huangtu Formation and the Loess of North China	Eigo SAKAI	438
General Review of the Coal Fields in Central and South China	Misaburo SHIMAKURA	464
Fluorite Deposits in the Vicinity of Hsiang-shan, Che-kiang Province	Zennojō IGARASHI	471
Place Names		479