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THE GOVERNMENT OF THE PHILIPPINE ISLANDS
DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
BUREAU OF AGRICULTURE

ADRIANO HERNANDEZ, *Director*

BULLETIN NO. 38

**MINDANAO AND THE SULU ARCHIPELAGO:
THEIR NATURAL RESOURCES AND OP-
PORTUNITIES FOR DEVELOPMENT**

By

P. J. WESTER

Agricultural Advisor

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FOREWORD

During his service as agricultural advisor in the Department of Mindanao and Sulu in 1917-1919, the author made an effort to gather especially data having a bearing upon the natural resources and the economic development of Mindanao from which as a basis a series of articles were written for *The Philippine Agricultural Review* in 1920-21. After eliminating the descriptions of fruit trees and the lists of the food plants, these have here been brought together in bulletin form, to which descriptions of Misamis and Surigao have been added for completion.

The need of more specific information relative to the subject under discussion is by no one more keenly realized than the author, but it is hoped that until more detailed knowledge shall have been accumulated relative to Mindanao the present publication will be found a useful forerunner.

The author is under obligations to former Governor F. W. Carpenter, Department of Mindanao and Sulu, for access to the provincial annual reports for 1914 to 1918, and to Colonel Ole Waloe, Philippine Constabulary, for the opportunity to consult the Constabulary provincial monographs, from which latter much of the geographical information has been obtained. Mr. Carl M. Moore, then Superintendent of Schools, Mindanao and Sulu, assisted with reports on Davao and the Cotabato Valley, by W. F. L. Asimont, which have also been drawn upon for information. The projected railroad routes on the map of Mindanao were traced with the assistance of former Major G. O. Fort, Philippine Constabulary, than whom no one is better informed relative to the topography of that Island. He also has corrected several geographical errors which crept in in the articles when first published. Except where stated otherwise the rainfall tables have been prepared from publications issued by the Weather Bureau, Manila. The agricultural statistics have been furnished by Mr. Antonio Peña, chief, division of statistics of this Bureau. Mr. H. E. Neibert, formerly supervising surveyor, Bureau of Lands, provided blueprints from which the provincial maps were traced. All the marine charts have been furnished by the Director, United

States Coast and Geodetic Survey, who also presented a map of Mindanao used in tracing that shown on Plate I. The photographs for Plates II, III, IV, V, VIII *b*, IX, X, XI, XXVII, XXXVI, and XXXVII have been obtained from the Bureau of Science. All others have been made from photographs taken by the author.

P. J. WESTER

MANILA, P. I., *February 7, 1922*



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CONTENTS

	Page
GENERAL STATEMENT	9
AGUSAN	13
BUKIDNON	25
COTABATO	35
DAYAO	48
LANAO	61
MISAMIS	71
SURIGAO	74
ZAMBOANGA	77
THE SULU ARCHIPELAGO	90

ILLUSTRATIONS

	Facing page
PLATE I. Map of Mindanao	8
II. Map of Agusan Province	12
III. Scene on upper Agusan in the lake region	14
IV. Virgin timber forest on the lower Agusan River	14
V. Typical river view on lower Agusan	14
VI. Map of Agusan River entrance and Nasipit Harbor	22
VII. Map of Bukidnon Province	24
VIII. (a) View on the road from the coast to Central Bukidnon. Makahalar Bay in the distance	26
(b) Falls of the Pulangi (Cotabato) River, near Mara- mag, Bukidnon	26
IX. (a) View in the interior of Bukidnon	30
(b) Adlay, near Malaybalay	30
X. Arabian coffee in the third year. Sumilao, Bukidnon	32
XI. (a) A herd of cattle. Tankulan, Bukidnon	32
(b) Native ponies. Bukidnon	32
XII. Map of Cotabato Province	34
XIII. (a) Typical scene on the Cotabato River between the town of Cotabato and Fort Pikit	36
(b) Sago Palms, <i>Metroxylon sago</i> , on the banks of Cota- bato River near Cotabato	36
XIV. (a) Entrance to Parang Bay. Bongo Island in the dis- tance	46
(b) The village of Parang, 1919	46
XV. Map of Parang Bay (Pollac Harbor) and entrance to Co- tabato River	46
XVI. Map of Davao	48
XVII. (a) Landing and bodega of the Culaman Plantation Com- pany. Malita, Davao	56
(b) Road through the abaca plantation of the Ohta De- velopment Company. Mintal, Davao	56
XVIII. (a) Near view of abaca. Mintal, Davao	56
(b) Abaca ready for harvesting. Mintal, Davao	56
XIX. (a) Hydro-electric and ice plant of the Ohta Develop- ment Company. Mintal, Davao	56
(b) Hospital for plantation laborers operated by the Ohta Development Company. Mintal, Davao	56
XX. Map of the Northern part of Davao Gulf	58
XXI. Map of Malalag Bay and Vicinity	58
XXII. Map of Lanao Province	60
XXIII. (a) Typical view of the settled region near Lake Lanao	62
(b) Typical view of the shore line of Lake Lanao at Ganasi	62

XXIV. (a) Giant bamboos on the road from Ganasi to Lake Dapao, Lanao	62
(b) Vegetation on the shore of Lake Dapao	62
XXV. (a) Lake Lanao from the bridge over Agus River, Camp Keithley to the right	66
(b) Young coconut plantation near Malabang, Lanao	66
XXVI. Lumber yard. Kolambugan, Lanao	68
XXVII. Map of Port Kolambugan and Misamis	70
XXVIII. Map of Cagayan Anchorage	70
XXIX. Map of Surigao	74
XXX. Map of Zamboanga	76
XXXI. Birds eye view of the Basilan rubber and coconut plantation	82
XXXII. Para rubber in the fourth year. Basilan, Zamboanga	82
XXXIII. Coffee and coconut plantation. Patalon, Zamboanga	82
XXXIV. Map of vicinity of Zamboanga, Masinlok Anchorage and Caldera Bay	84
XXXV. Map of the Sula Archipelago	90
XXXVI. (a) Old city gate to Jolo seen from the dock	92
(b) Jolo from the dock	92
XXXVII. Trepang, or Bêche de Mer, one of the marine products of Jolo	104



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