

**OREGON GEOLOGY. A REVISION  
OF "THE TWO ISLANDS".  
WITH A FEW TRIBUTES TO THE  
LIFE AND WORK OF THE AUTHOR**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649663750

Oregon Geology. A Revision of "The Two Islands". With a Few Tributes to the Life and Work of the Author by Thomas Condon & Ellen Condon McCornack

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.  
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

[www.triestepublishing.com](http://www.triestepublishing.com)

**THOMAS CONDON & ELLEN CONDON MCCORNACK**

**OREGON GEOLOGY. A REVISION  
OF "THE TWO ISLANDS".  
WITH A FEW TRIBUTES TO THE  
LIFE AND WORK OF THE AUTHOR**





*THE AUTHOR.*

*J. K. Gill*

# OREGON GEOLOGY

A REVISION  
OF  
"THE TWO ISLANDS"

BY  
THOMAS CONDON, Ph. D.  
Professor of Geology, University of Oregon

---

WITH A FEW TRIBUTES TO THE LIFE AND WORK OF THE AUTHOR

---

EDITED BY  
ELLEN CONDON McCORNACK

Portland, Oregon  
The J. K. Gill Company  
1910

24

208978

Copyrighted 1916  
By ELLIS CONDON MCCORMACK

STANFORD LIBRARY

Printed by  
The Irwin-Hodson Company  
Portland, Oregon

## TABLE OF CONTENTS

	Page
Sketch of the Author's Life . . . . .	18
CHAPTER I	
The Stone Quarry . . . . .	31
CHAPTER II	
Sources of Materials . . . . .	37
CHAPTER III	
Oregon's First Land . . . . .	44
CHAPTER IV	
The Land of Siskiyou . . . . .	52
CHAPTER V	
The Land of Shoshone . . . . .	67
CHAPTER VI	
Introduction to Life of Lakes . . . . .	84
CHAPTER VII	
Life of Lower Lake Region . . . . .	96
CHAPTER VIII	
Life of Upper Lake Region . . . . .	109
CHAPTER IX	
Seals . . . . .	117
CHAPTER X	
The Pleistocene . . . . .	120
CHAPTER XI	
The Willamette Sound . . . . .	134
CHAPTER XII	
The Rocks of the John Day Valley . . . . .	148
CHAPTER XIII	
An Indian Legend . . . . .	168
CHAPTER XIV	
The Development Theory . . . . .	167
Index . . . . .	i
Tributes, Incidents and Characteristic Sayings . . . . .	vii
Glossary . . . . .	xv



7

## ILLUSTRATIONS

Frontispiece—The Author	Opp. Page
Plate I Fragment of Miocene Sea Beach . . . . .	32
Plate II Trigonias . . . . .	36
Plate III Fragment of Cretaceous Sea Beach . . . . .	44
Plate IV Ammonites . . . . .	48
Plate V Aralia Leaf . . . . .	52
Plate VI Skull of Fossil Seal . . . . .	60
Plate VII A Heap of Bones . . . . .	64
Plate VIII Oreodon, Type Head . . . . .	68
Plate IX Oreodon, Broad Triangular Crown . . . . .	76
Plate X Oreodon, Long Nasal Bone . . . . .	80
Plate XI Comparison of Camel and Auchenia Bones . . . . .	84
Plate XII Oreodon, size of Fox . . . . .	92
Plate XIII Rhinoceros Head, Side View . . . . .	96
Plate XIV Rhinoceros Head, Upper Molars . . . . .	100
Plate XV Rhinoceros Lower Jaw . . . . .	108
Plate XVI Entelodon Head . . . . .	112
Plate XVII Bothriolabis Head . . . . .	116
Plate XVIII Canis rurestris . . . . .	124
Plate XIX Canis, a Smaller Type . . . . .	128
Plate XX Felis . . . . .	132
Plate XXI (1) Donkey Bone . . . . .	140
(2-8) Hipparion Bones . . . . .	144
Plate XXII Anchitherium Jaws and Teeth . . . . .	144
Plate XXIII (1) Distal of Radius, Touched Horse . . . . .	148
(2) Anchitherium Molar Teeth . . . . .	148
Plate XXIV Hipparion Foot . . . . .	156
Plate XXV Hipparion Molar Teeth . . . . .	160
Plate XXVI Ulna and Radius of Camel . . . . .	164
(2) Same of Dray Horse . . . . .	164
Plate XXVII Leg and Foot of Auchenia . . . . .	172
Plate XXVIII (1-3) Mylodon Toes . . . . .	176
(2) Mastodon Tooth . . . . .	176
Plate XXIX Bos Latifrons (Broad-faced Ox) . . . . .	180
Plate XXX Mammoth Tooth . . . . .	188

