RUDIMENTS OF MINERALOGY: DESIGNED FOR YOUNG PERSONS, WITH REFERENCES TO THE COLLECTION OF MINERALS IN THE BRITISH MUSEUM. TO WHICH AS ADDED, A SHORT INTRODUCTION TO THE STUDY OF FOSSILS

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649502752

Rudiments of Mineralogy: Designed for Young Persons, with References to the Collection of Minerals in the British Museum. To Which as Added, a Short Introduction to the Study of Fossils by Mary Anne Venning

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.

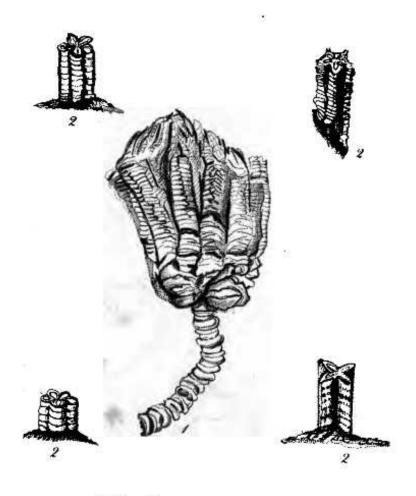
www.triestepublishing.com

MARY ANNE VENNING

RUDIMENTS OF MINERALOGY: DESIGNED FOR YOUNG PERSONS, WITH REFERENCES TO THE COLLECTION OF MINERALS IN THE BRITISH MUSEUM. TO WHICH AS ADDED, A SHORT INTRODUCTION TO THE STUDY OF FOSSILS

Trieste 👘

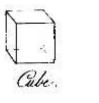
Frontispiece.



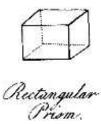
1 The Encrimite or stone lity. 2 Columnar star-stones.

Forms of Crystals.





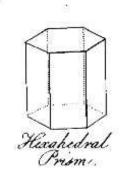






Right rhomboida. Prism.







Dodecahedron.

虚 25

S.

8 0₈

和 満

<u>9</u>9

RUDIMENTS

0F



MINERALOGY:

DESIGNED FOR

٠

YOUNG PERSONS,

WITH REFERENCES TO THE COLLECTION OF MINERALS IN THE BRITISH MUSEUM.

TO WEICH IS ADDLD.

A short Uniroduction to the Study of fossils.

BY MARY ANNE VENNING,

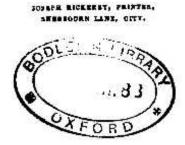
AUTHOR OF "RUDIMENTS OF CONCHOLOGY," &c.

LONDON:

PRINTED FOR HARVEY AND DARTON, GRACECHURCH-STREET.

1830.

18842. e. 17.



CONTENTS.

CHAPTER L

Page 1 to 16.

INTRODUCTORY—Soil near London—Iron Sand— Green Sand—Chalk Beds—Minerals—Acids—Crystals—Collections of Minerals.

CHAPTER II.

CLASS 5.

Page 17 to 37.

Earthy Minerals—Calcareous—Tests for Minerals—Characters and arrangement of Minerals— Earths—Carbonates of Lime—Chalk, at Dover, Deal, North and South Forelands, the Needles— Whiting — Mortar — Quick-lime — Compact Limestone—Shell Limestone—Marbles—Lucullite—Use of the Glass Rod—Flexible Marble—Rock Milk— Calcareous Spar—Crystallized Lime on Coals— Stalactitics—Stalagmites—Satin Spar—Arragonite— Tuffa—Oölite—Pea Stone—Swine Stone—Vesuvian —Magnesian Limestone—Pearl Spar—Dolomite— Flexible Limestone—A walk—Shells and Coral—

CONTENTS.

Calcium-List of Carbonates of Lime-Varieties of Chalk.

CHAPTER III. Page 38 to 45.

Earthy Minerals continued—Apatite—Asparagus Stone—Chemical Tests—Fluor Spar—Fluate of Lime in teeth—Gypsum—Plaster of Paris—Fibrous Gypsum—Selenite—Red Marle Rock—Nitrate of Lime—List of Calcarcous Minerals.

CHAPTER IV.

Page 46 to 55.

Magnesian Minerals—Amianthus—Serpentine attracts the needle—Magnesia—Green colour of Minerals—Precious Serpentine—Cornish Heath— Steatite—Spanish Chalk—Potstone—Sea-foam—Asbestus—Rock Wood—Rock Cork—Mountain Leather — Tremolite — Actinolite — Talc — Nacrite — French Chalk—Terra Verte—Chlorite—Diallage— Nephrite—Axe Stone—List of Magnesian minerals.

CHAPTER V.

Page 58 to 71.

Siliceous Minerals—A Visiter—Building Materials —Yorkshire Stone—Chalk moss—Siliceous Earth— Flints, with Quartz and Chalcedony—Flinty Masses— Pebbles—Ball Sand-stone—Chert—Quartz—Rock Crystal—Cornish diamond—Bristol Stone—Quartz on Galena—Onyx—Carnelian—Rottingdean Pebbles —Agate—Mocha Stone—Lydian Stone—Garnet—

iv