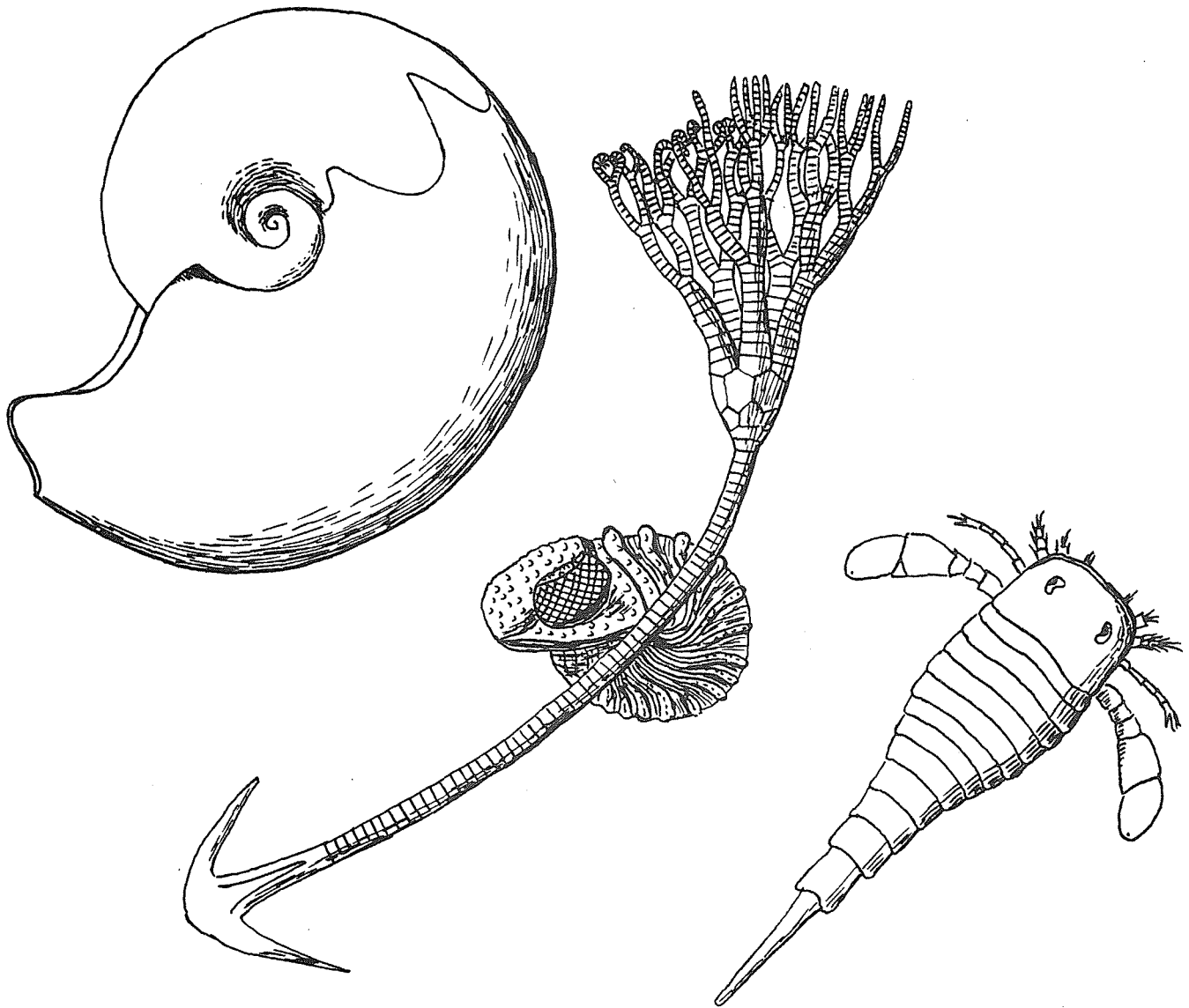


GUIDE BOOK

GEOLOGY OF THE CAYUGA LAKE BASIN



NEW YORK STATE GEOLOGICAL ASSOCIATION

31ST ANNUAL MEETING

CORNELL UNIVERSITY, MAY 8-9, 1959

1
2
3
4
5
6
7
8
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10
11
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14
15
16
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GEOLOGY OF THE CAYUGA LAKE BASIN

A Guide for the 31st Annual Field Meeting of the
New York State Geological Association

prepared by
Staff and Students of the Department of Geology
Cornell University

".... We must especially collect and describe all the organic remains of our soil, if we ever want to speculate with the smallest degree of probability on the formation, respective age, and history of our earth."

----- C. S. Rafinesque, 1818

Second (Revised) Edition

Ithaca, New York

May, 1959

PREFACE

Ten years have passed since Cornell was host to the New York State Geological Association. In the intervening years we have attended the annual meetings and field trips at other places with pleasure and profit. Therefore, we take this opportunity to express our appreciation and thanks to all of those who have made these meetings possible. We not only welcome you to Cornell and the classic Cayuga Lake Basin, but we sincerely hope you will enjoy and profit by your brief excursions with us.

This guide is a revision of one prepared for the 1949 annual meeting. Professor John W. Wells assumed most of the responsibility for its preparation, ably assisted by L. R. Fernow, F. M. Hueber and K. N. Sachs, Jr. Without their efforts in converting ideas into diagrams and maps this guidebook would have been sterile.

We hope that before you leave us, you will agree with Louis Agassiz, who said in one of his lectures during the first year of Cornell, "I was never before in a single locality where there is presented so much material in so many branches of Natural History as here in this beautiful valley."

Let us go and observe!

W. Storrs Cole

CONTENTS

	Page
Summary of Geologic History	1
Geomorphology	3
Stratigraphy	7
Structural Geology	12
Igneous Rocks	14
Economic Geology	16
References	18
Field Trips	
A. Enfield Glen	21
B. Cayuga Inlet Trough	23
C. Around Cayuga Lake	26
Description of Stops, Trip C	29

MAPS AND DIAGRAMS

Areal Geology and Drainage	opp. 1
North-South Section	2
Physiographic Diagram, Cayuga Lake Basin	opp. 3
Physiography of Ithaca Region	4
Valley Formation, Ithaca Region	6
Geologic Column	opp. 7
East-West Relations, New York Devonian	opp. 8
Devonian Faunal Relations, Central New York	9
Structure Map	opp. 12
Joint Pattern	13
Enfield Glen	opp. 21
Taughannock Falls	opp. 29
Early Middle Devonian Paleogeology	opp. 33
Portland Point Quarry	opp. 35

