

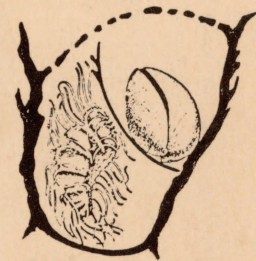
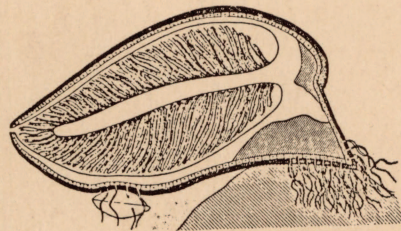
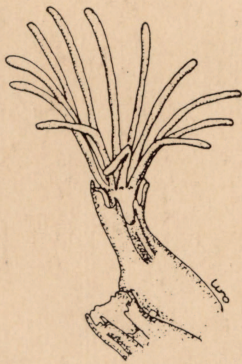
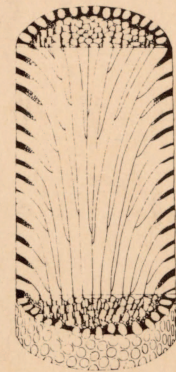
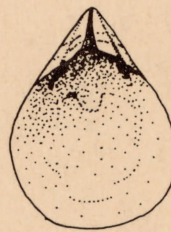
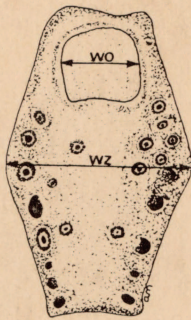
LOPHOPHORATES

NOTES FOR A SHORT COURSE

Organized by

J. T. Dutro, Jr. and R. S. Boardman

1981



UNIVERSITY of TENNESSEE
DEPARTMENT of GEOLOGICAL SCIENCES
STUDIES in GEOLOGY 5

Edited by T. W. Broadhead

Prepared for the Short Course on Lophophorates sponsored by
the Paleontological Society,
Cincinnati Museum of Natural History and
Department of Geology, University of Cincinnati
held at Cincinnati, Ohio, November 1, 1981

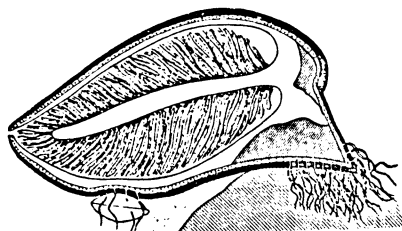
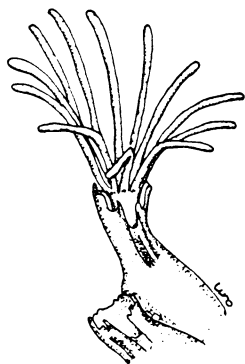
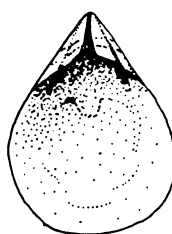
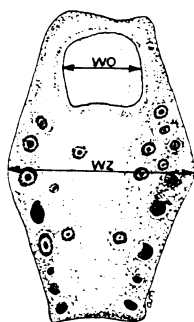
LOPHOPHORATES

NOTES FOR A SHORT COURSE

Organized by

J. T. Dutro, Jr. and R. S. Boardman

1981



UNIVERSITY of TENNESSEE
DEPARTMENT of GEOLOGICAL SCIENCES
STUDIES in GEOLOGY 5

Edited by T. W. Broadhead

Prepared for the Short Course on Lophophorates sponsored by
the Paleontological Society,

Cincinnati Museum of Natural History and
Department of Geology, University of Cincinnati
held at Cincinnati, Ohio, November 1, 1981

CONTENTS

Program	inside front cover
Preface	ii
Participants	iv
Introduction by Kenneth E. Caster	appendix
Feeding Behavior of Modern Bryozoans by Judith E. Winston	1
Competitive Interactions between Bryozoans and other Organisms by J. B. C. Jackson	22
Paleoecology of Bryozoa by Daniel B. Blake	37
Evolutionary Trends of Zooidal Shape by Frank K. McKinney	52
Coloniality and the Origin of Post- Triassic Tubular Bryozoans by Richard S. Boardman	70
Biostratigraphy of Bryozoa by Ernest H. Gilmour	90
The Origin of the Brachiopods by A. J. Rowell	97
Ecology of Living Brachiopods by Charles W. Thayer	110
Living Habits of Ancient Articulate Brachiopods by Richard E. Grant	127
Biogeography and Community Analysis by Arthur J. Boucot	141
Biostratigraphic and Paleoenvironmental Relations: a Late Silurian Example by Thomas W. Amsden	154
Physiology of the Brachiopod Digestive System by Helen M. McCammon	170
The Lophophorate Condition by James W. Valentine	190
References	205