



Invertebrate Zoology

RCALLISTO
REFERENCE 

Jean Wilkinson

Invertebrate Zoology

Editor: Jean Wilkinson



www.callistoreference.com

Callisto Reference,
118-35 Queens Blvd., Suite 400,
Forest Hills, NY 11375, USA

Visit us on the World Wide Web at:
www.callistoreference.com

© Callisto Reference, 2018

This book contains information obtained from authentic and highly regarded sources. All chapters are published with permission under the Creative Commons Attribution Share Alike License or equivalent. A wide variety of references are listed. Permissions and sources are indicated; for detailed attributions, please refer to the permissions page. Reasonable efforts have been made to publish reliable data and information, but the authors, editors and publisher cannot assume any responsibility for the validity of all materials or the consequences of their use.

ISBN: 978-1-64116-036-0 (Paperback)

The publisher's policy is to use permanent paper from mills that operate a sustainable forestry policy. Furthermore, the publisher ensures that the text paper and cover boards used have met acceptable environmental accreditation standards.

Trademark Notice: Registered trademark of products or corporate names are used only for explanation and identification without intent to infringe.

Printed in China.

Cataloging-in-Publication Data

Invertebrate zoology / edited by Jean Wilkinson.
p. cm.

Includes bibliographical references and index.

ISBN 978-1-64116-036-0

1. Invertebrates. 2. Animals. 3. Zoology. I. Wilkinson, Jean.

QL362 .I58 2018

592--dc23

00077555

Table of Contents

| | | |
|-----------|--|------------|
| | Preface | VII |
| Chapter 1 | An Introduction to Invertebrate Zoology | 1 |
| Chapter 2 | Invertebrates and their Types | 5 |
| | • Invertebrate | 5 |
| | • Insect | 13 |
| | • Crustacean | 38 |
| | • Coral | 44 |
| | • Arachnid | 58 |
| Chapter 3 | An Integrated Study of Marine invertebrates | 75 |
| | • Marine Invertebrates | 75 |
| | • Echinoderm | 88 |
| | • Cnidaria | 123 |
| | • Tunicate | 138 |
| Chapter 4 | Phylum of Invertebrate Animal | 151 |
| | • Ctenophora | 151 |
| | • Flatworm | 165 |
| | • Annelid | 175 |
| | • Mollusca | 189 |
| | Permissions | |
| | Index | |

Invertebrate Zoology

About the Book

As a sub-part of zoology, invertebrate zoology refers to the study of animals without backbones, commonly called invertebrates. This is a vast category of animals which includes tunicates, sponges, arthropods, worms, echinoderms, molluscs, etc. There are many sub-divisions of this field namely malacology, arthropodology, helminthology, invertebrate paleontology, etc. This book presents the complex subject of invertebrate zoology in the most comprehensible and easy to understand language. It unfolds the innovative aspects of this field which will be crucial for the holistic understanding of the subject matter. For someone with an interest and eye for detail, the text covers the most significant topics in the field of invertebrate zoology.

About the Editor

Jean Wilkinson received his Master of Science (MS) in Zoology from Colorado State University, United States of America. He has conducted works on invertebrate zoology. He is a renowned lecturer of undergraduate programs and travels extensively for educating students across the globe. Wilkinson has excelled in his professional life, and is currently working for the progress of the scientific community.