

# **General Biology Textbook**

Enger/Ross/Bailey:  
Concepts in Biology is a  
relatively brief

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*general-biology-textbook*

introductory general  
biology text written for  
students with no  
previous science  
background. The authors  
strive to use the most  
accessible vocabulary

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and writing style  
possible while still  
maintaining scientific  
accuracy. The text  
covers all the main  
areas of study in  
biology from cells

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*general-biology-textbook*

through ecosystems.  
Evolution and ecology  
coverage are combined in  
Part Four to emphasize  
the relationship between  
these two main subject  
areas. The new, 13th

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*general-biology-textbook*

edition is the latest  
and most exciting  
revision of a respected  
introductory biology  
text written by authors  
who know how to reach  
students through

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engaging writing,  
interesting issues and  
applications, and  
accessible level.  
Instructors will  
appreciate the books  
scientific accuracy,

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complete coverage and  
extensive supplement  
package.

GENERAL BIOLOGY:

Investigating Life is an  
introductory level  
college biology textbook

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that provides students with an accessible and engaging look at the fundamentals of biology. Written for a two-term, undergraduate course of mixed majors and non-

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majors, this reader-friendly text is concept driven vs. terminology driven. That is, the text is based on the underlying concepts and principles of biology

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rather than strict  
memorization of  
terminology. Written in  
a student-centered,  
conversational style,  
this educational  
research-based textbook

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uniquely connects  
students and our society  
to living things from  
various  
perspectives—economic,  
ecologic, medical, and  
cultural, exploring how

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the biological world and human realm are intimately intertwined. End-of-chapter questions challenge students to think critically and creatively while

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incorporating science  
process skills and  
biological principles.  
Photo Atlas for General  
Biology  
Keys to Nearctic Fauna  
Exploring Creation with

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Biology

Mt Hood Community

College Biology 101

BRS Cell Biology and

Histology

***(Chapters 1-17) See Preview for  
full table of contents. ""College***

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***Biology,"" adapted from  
OpenStax College's open (CC  
BY) textbook ""Biology,"" is  
Textbook Equity's derivative to  
ensure continued free and open  
access, and to provide low cost  
print formats. For manageability***

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***and economy, Textbook Equity created three volumes from the original that closely match typical semester or quarter biology curriculum. No academic content was changed from the original. The full text (volumes 1***

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***through 3)is ""designed for multi-semester biology courses for science majors."" Contains Chapter Summaries, Review Questions, Critical Thinking Questions and Answer Keys Download Free Full-Color PDF,***

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***An introduction to biology***

***describes the discipline's***

***history, explains its basic***

***theories and concepts,  
demonstrates modern methods  
and research tools, and  
discusses noteworthy  
discoveries.***

***6 Practice Tests + Complete  
Content Review + Strategies &***

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***Techniques  
Organisms and Ecology  
A Textbook for College Students  
A Textbook of General Biology.  
3rd Rev. Ed  
General Biology  
Solomon, Martin, Martin and***

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*Berg's BIOLOGY--often described as the best majors' text for learning Biology--is also a complete teaching program. The integrated, inquiry-based learning system guides students through every chapter with key*

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*concepts at the beginning of each chapter and learning objectives for each section. End-of-section Checkpoint questions encourage students to review key points before moving on. A chapter summary further*

*Page 22/91*

*reinforces learning objectives, followed by an opportunity for students to test their understanding. The eleventh edition offers expanded integration of the text's five guiding themes of Biology--the*

Page 23/91

*evolution of life, the transmission of biological information, the flow of energy through living systems, interactions among biological systems and the inter-relationship of structure and function. Important Notice: Media*

*Page 24/91*



*content referenced within the product description or the product text may not be available in the ebook version.*

*BI101A is a survey course that introduces the discipline of cellular biology, exploring topics*

*Page 25/91*

*including the scientific method, parts of a cell, and how cells function. This book focuses on putting those topics into an appropriate context for students who are not biology majors.*

*Science*

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*Documenting Domestication*  
*Laboratory Manual for General*  
*Biology*  
*General Biology Laboratory*  
*Manual*  
*Principles and Applications*  
***The Principles of Biology***

*Page 27/91*

*sequence (BI 211, 212 and 213) introduces biology as a scientific discipline for students planning to major in biology and other science disciplines. Laboratories and classroom activities introduce techniques used to*

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*study biological processes  
and provide opportunities  
for students to develop  
their ability to conduct  
research.*

*"A genetic revolution has  
transformed the study of the  
domestication of plants and*

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*animals. Documenting Domestication presents the best research and resolves issues that had been intractable in the past."*—Richard I. Ford,  
University of Michigan  
*Biological Systematics*

*Page 30/91*

*Biology*

*Principles of Biology*

*Biology 211, 212, and 213*

*Concepts of Biology*

**Featuring a clear format and a  
wealth of illustrations, this lab  
manual helps biology majors  
learn science by doing it. This**

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**manual includes numerous inquiry-based experiments, relevant activities, and supporting questions that assess recall, understanding, and application. The exercises support any biology text used in a majors course.**

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**Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for**

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**students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way**

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**that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded**

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**on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad**

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**discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the**

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**approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.**

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**Textbook of General Biology. 2nd  
Ed  
College Biology Volume 1 of 3  
The Basics of Biology  
Textbook of General Biology  
A Textbook of General Biology ...  
Second Revised Edition  
Thorp and Covich's Freshwater**

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**Invertebrates: Keys to Nearctic Fauna, Fourth Edition** presents a comprehensive revision and expansion of this trusted professional reference manual and educational textbook—from a single North American tome into

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*general-biology-textbook*



**a developing multivolume series  
covering inland water  
invertebrates of the world.  
Readers familiar with the first  
three editions will welcome this  
new volume. The series, now  
entitled Thorp and Covich's**

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**Freshwater Invertebrates, (edited by J.H. Thorp), began with Volume I: Ecology and General Biology, (edited by J.H. Thorp and D.C. Rogers). It now continues in Volume II with taxonomic coverage of inland water**

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**invertebrates of the Nearctic zoogeographic region. As in previous editions, all volumes of the fourth edition are designed for multiple uses and levels of expertise by professionals in universities, government agencies,**

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**and private companies, as well as by undergraduate and graduate students. Features zoogeographic coverage for all of North America, south to the general area of the Tropic of Cancer, and Greenland and Bermuda Provides keys to**

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**families of freshwater insects**  
**Provides keys to all other inland**  
**water invertebrates at the**  
**taxonomic level appropriate for**  
**the current scientific knowledge**  
**Includes multiple taxonomic keys**  
**in each chapter that progress**

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**from higher to lower taxonomic levels, thereby allowing users to work up to their level of need and expertise Presents additional material in each chapter on group introduction, limitations to the keys, terminology and**

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**morphology, material preparation  
and preservation, and references  
PREMIUM PRACTICE FOR A  
PERFECT 5—WITH THE MOST  
PRACTICE ON THE MARKET!  
Ace the 2022 AP European  
History Exam with this Premium**

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**version of The Princeton Review's comprehensive study guide. Includes 6 full-length practice exams, thorough content reviews, targeted test strategies, and access to online extras. Techniques That Actually Work. • Tried-and-true**

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**strategies to help you avoid traps  
and beat the test • Tips for pacing  
yourself and guessing logically •  
Essential tactics to help you work  
smarter, not harder Everything  
You Need to Know to Help  
Achieve a High Score. • Fully**

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**aligned with the latest College  
Board standards for AP®  
European History • Detailed  
review of the source-based  
multiple-choice questions and  
short-answer questions •  
Comprehensive guidance for the**

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**document-based question and long essay prompts • Access to study plans, a handy list of key terms and concepts, helpful pre-college information, and more via your online Student Tools Premium Practice for AP**

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**Excellence. • 6 full-length practice tests (4 in the book, 2 online) with complete answer explanations • End-of-chapter questions for targeted content review • Helpful timelines of major events in European history**

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**General Biology I: Survey of  
Cellular Biology  
Concepts and Investigations  
The Science of Life  
Ecology and General Biology  
Laboratory Manual for Majors  
General Biology**

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GENERAL BIOLOGY is an introductory level college biology textbook that provides students with an understandable and engaging encounter with the fundamentals of biology. Written for a two-semester

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undergraduate course of  
biology majors and presented  
as a bound set of two  
distinct volumes, this  
reader-friendly textbook(s)  
is concept driven vs.  
terminology driven. That is,  
the book(s) are based on the

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underlying concepts and principles of biology rather than the strict memorization of biological terms and terminology. Written in a student-centered and conversational style, this educational research-based

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book(s) connects students to all aspects of biology from the molecular to the biosphere. End-of-chapter questions challenge students to think critically and creatively while incorporating science

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process skills and  
biological principles.  
Readers familiar with the  
first three editions of  
Ecology and Classification  
of North American Freshwater  
Invertebrates (edited by  
J.H. Thorp and A.P. Covich)

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will welcome the  
comprehensive revision and  
expansion of that trusted  
professional reference  
manual and educational  
textbook from a single North  
American tome into a  
developing multi-volume

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series covering inland water invertebrates of the world. The series entitled Thorp and Covich's Freshwater Invertebrates (edited by J.H. Thorp) begins with the current Volume I: Ecology and General Biology (edited

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by J.H. Thorp and D.C. Rogers), which is designed as a companion volume for the remaining books in the series. Those following volumes provide taxonomic coverage for specific zoogeographic regions of the

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world, starting with Keys to Nearctic Fauna (Vol. II) and Keys to Palaearctic Fauna (Vol. III). Volume I maintains the ecological and general biological focus of the previous editions but now expands coverage

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globally in all chapters,  
includes more taxonomic  
groups (e.g., chapters on  
individual insect orders),  
and covers additional  
functional topics such as  
invasive species, economic  
impacts, and functional

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ecology. As in previous editions, the 4th edition of Ecology and Classification of North American Freshwater Invertebrates is designed for use by professionals in universities, government agencies, and private

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companies as well as by  
undergraduate and graduate  
students. Global coverage of  
aquatic invertebrate ecology  
Discussions on invertebrate  
ecology, phylogeny, and  
general biology written by  
international experts for

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each group Separate chapters  
on invasive species and  
economic impacts and uses of  
invertebrates Eight  
additional chapters on  
insect orders and a chapter  
on freshwater millipedes  
Four new chapters on

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collecting and culturing  
techniques, ecology of  
invasive species, economic  
impacts, and ecological  
function of invertebrates  
Overall expansion of ecology  
and general biology and a  
shift of the even more

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detailed taxonomic keys to  
other volumes in the  
projected 9-volume series  
Identification keys to lower  
taxonomic levels  
Life Science  
Thorp and Covich's  
Freshwater Invertebrates

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Molecules, Cells and Genes  
Practical Biology  
General Biology Lecture  
Notes

*Biological Systematics: Principles  
and Applications draws equally  
from examples in botany and*

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*zoology to provide a modern account of cladistic principles and techniques. It is a core systematics textbook with a focus on parsimony-based approaches for students and biologists interested in systematics and comparative biology. Randall*

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***T. Schuh and Andrew V. Z. Brower***  
***cover: -the history and philosophy***  
***of systematics and nomenclature;***  
***-the mechanics and methods of***  
***analysis and evaluation of results;***  
***-the practical applications of results***  
***and wider relevance within***

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*biological classification, biogeography, adaptation and coevolution, biodiversity, and conservation; and -software applications. This new and thoroughly revised edition reflects the exponential growth in the use of*

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*DNA sequence data in systematics. New data techniques and a notable increase in the number of examples from molecular systematics will be of interest to students increasingly involved in molecular and genetic work.*

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*One of the best ways for your students to succeed in their biology course is through hands-on lab experience. With its 46 lab exercises and hundreds of color photos and illustrations, the **LABORATORY MANUAL FOR GENERAL***

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***BIOLOGY, Fifth Edition, is your students' guide to a better understanding of biology. Most exercises can be completed within two hours, and answers to the exercises are included in the Instructor's Manual. The perfect***

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*companion to Starr and Taggart's  
BIOLOGY: THE UNITY AND  
DIVERSITY OF LIFE, Eleventh  
Edition, as well as Starr's  
BIOLOGY: CONCEPTS AND  
APPLICATIONS, Sixth Edition,  
and BIOLOGY: TODAY AND*

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***TOMORROW, this lab manual can also be used with any introductory biology text.***

***Biology 2e***

***GENERAL BIOLOGY I***

***General Biology II***

***New Genetic and Archaeological***

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## *Paradigms*

### *A College Textbook of General Biology*

The Photo Atlas for General  
Biology is an excellent source of  
supplemental information for  
laboratory and lectures in

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biology, botany and zoology courses. The atlas provides insight into living organisms that abound all around us but we seldom have the opportunity to study on a gross or microscopic level. New and updated images

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have been incorporated into this latest edition.

Molecular Biology, Second Edition, examines the basic concepts of molecular biology while incorporating primary literature from today ' s leading

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researchers. This updated edition includes Focuses on Relevant Research sections that integrate primary literature from Cell Press and focus on helping the student learn how to read and understand research to

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prepare them for the scientific world. The new Academic Cell Study Guide features all the articles from the text with concurrent case studies to help students build foundations in the content while allowing them to

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make the appropriate connections to the text. Animations provided deal with topics such as protein purification, transcription, splicing reactions, cell division and DNA replication and SDS-

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PAGE. The text also includes updated chapters on Genomics and Systems Biology, Proteomics, Bacterial Genetics and Molecular Evolution and RNA. An updated ancillary package includes flashcards,

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online self quizzing, references with links to outside content and PowerPoint slides with images. This text is designed for undergraduate students taking a course in Molecular Biology and upper-level students studying

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Cell Biology, Microbiology,  
Genetics, Biology, Pharmacology,  
Biotechnology, Biochemistry,  
and Agriculture. NEW: "Focus On  
Relevant Research" sections  
integrate primary literature from  
Cell Press and focus on helping

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the student learn how to read and understand research to prepare them for the scientific world. NEW: Academic Cell Study Guide features all articles from the text with concurrent case studies to help students

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build foundations in the content while allowing them to make the appropriate connections to the text. NEW: Animations provided include topics in protein purification, transcription, splicing reactions, cell division

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and DNA replication and SDS-PAGE Updated chapters on Genomics and Systems Biology, Proteomics, Bacterial Genetics and Molecular Evolution and RNA Updated ancillary package includes flashcards, online self

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quizzing, references with links to outside content and PowerPoint slides with images. Fully revised art program

A Textbook of General Biology.  
With ... Illustrations  
Molecular Biology

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Princeton Review AP European  
History Premium Prep, 2022  
Explorations in General Biology  
Laboratory

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