### Description

*The Earth Through Time, 11th Edition*, by Harold L. Levin and David T. King chronicles the Earth’s story from the time the Sun began to radiate its light, to the beginning of civilization. The goal of The Earth Through Time is to present the history of the Earth, and the science behind that history, as simply and clearly as possible. The authors strived to make the narrative more engaging, to convey the unique perspective and value of historical geology, and to improve the presentation so as to stimulate interest and enhance the reader’s ability to retain essential concepts, long after the final exam.

### About the Author

Harold ("Hal") Levin began his career as a petroleum geologist in 1956 after receiving bachelor’s and master’s degrees from the University of Missouri and a doctorate from Washington University. His fondness for teaching brought him back to Washington University in 1962, where he is currently professor of geology and paleontology in the Department of Earth and Planetary Sciences. His writing efforts include authorship of seven edition of The Earth Through Time, four editions of Contemporary Physical Geology; Essentials of Earth Science and co-authorship of Earth: Past and Present, as well as eight editions of Laboratory Studies in Historical Geology; Life Through Time, and more recently, Ancient Invertebrates and Their Living Relatives.
For his courses in physical geology, historical geology, paleontology, sedimentology, and stratigraphy, Hal has received several awards for excellence in teaching. The accompanying photograph was taken during a lecture on life of the Cenozoic Era. The horse skull serves to illustrate changes in the teeth and jaws of grazing animals in response to the spread of prairies and savannahs during the Miocene and subsequent epochs.

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### NEW TO EDITION

- Revised numerous figures and updated large passages of text to include the newest developments in the ever-changing field of the geological history of the Earth.

- Covers new discoveries about the history of growth and development of supercontinents, especially during Proterozoic, and the temporal and spatial distribution of ice ages and related expansion of glacial ice sheets through time has been added to this edition.

- Includes new discoveries regarding impact events on Earth, as well as new findings about the causes and effects of Earth’s great mass extinctions.

### FEATURES

- The authors strived to make the narrative more engaging, to convey the unique perspective and value of historical geology, and to improve the presentation so as to stimulate interest and enhance the student’s ability to retain essential concepts, hopefully, long after the final exam.
• **Questions for Review** allow students to test their understanding of material in a chapter and to further process what they have learned.

• **Chapter Summaries.** Each chapter ends with a summary of essential concepts, affording students the condensed “meat” of a topic. If the summary statement is not fully understood, it is a cue to revisit the topic in the chapter.

• **Key Chapter Concepts.** Each chapter begins with a list of Key Chapter Concepts so that students can anticipate what lies ahead.

• Most chapters include one or more special sections that expound on the geological features in the Geology of National Parks and Monuments. The geology of these selected parks and monuments connects with the topic of the chapter where they occur.

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