

About the cover . . .



The front cover of this text presents a photograph of a moose, *Alces alces*, taken in Grand Teton National Park. The name moose was taken from the Algonquian language name for this animal, *mòz*, meaning "twig eater." The European name for the animal is "elk." As herbivores, their diet consists of twigs, grass, nuts, leaves, bark, stems, and berries. Moose are ruminants that have a four-chamber stomach, which contains microorganisms that break down cellulose. Adults stand about 1.9 meters (6 feet) tall at the shoulder, weigh between 550 and 700 kilograms (1200-1500 pounds), and live between 15 and 25 years. Moose live in the northern parts of North America, Europe, and Asia in northern boreal and mixed deciduous forests where there is snow cover. They are common around lakes, bogs, swamps, streams, and ponds. These mammals belong to the Order Artiodactyla also known as 'even-toed' animals because the number of digits is reduced by the loss of the first digit. The second and fifth digits are small; and the third and fourth digits are large and bear the weight of the animal. The males (called bulls) grow broad and flat antlers that can stretch 1.2-1.5 meters (4 to 5 feet) across. These bony protrusions that are shed yearly are used in combat with other males for mating rights during breeding season. The females have a gestation of about eight months, giving birth in the spring or summer to only one calf.

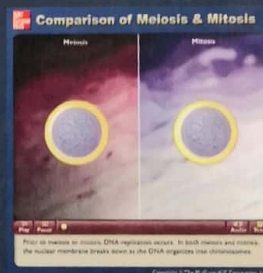
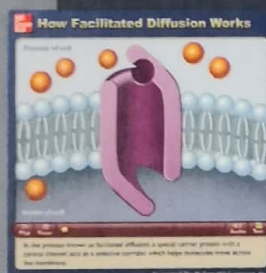
Biology Comes Alive

More than 50 animations and more than 200 videos are available to harness the visual impact of various biological concepts and processes.

Instructors

Capture student attention, enrich your lectures, and create customized assignments using animations and videos. These assets are available on the Presentation Center for Concepts in Biology, Thirteenth Edition at www.mhhe.com/enger13e and are correlated to textbook chapters.

Additional videos are available on the McGraw-Hill Digitized Video Clips DVD. This media product provides a description and background information for each video, in addition to a sophisticated search engine. Ask your sales representative for more information.



Students

Visit www.mhhe.com/enger13e to use animations and videos as study tools! Each asset includes a quiz and is correlated to a specific textbook chapter.

The McGraw-Hill Companies



McGraw-Hill
Higher Education

ISBN 978-0-07-340343-4
MHID 0-07-340343-1
Part of
ISBN 978-0-07-722996-2
MHID 0-07-722996-7



www.mhhe.com