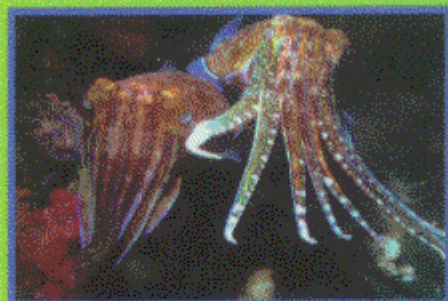


ABOUT THE COVER

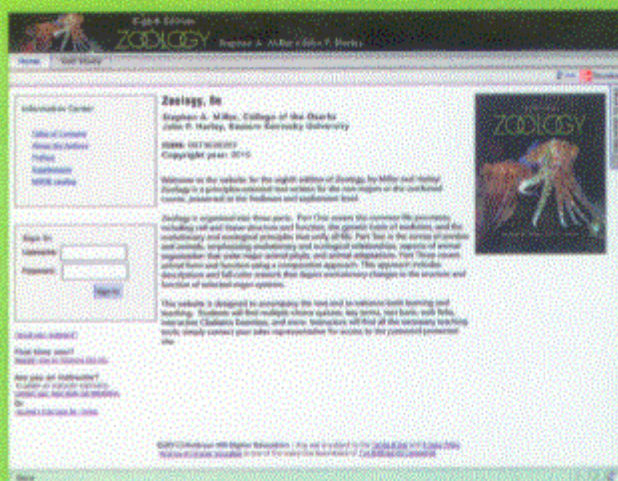
The broadclub cuttlefish (*Sepia latimanus*) is a cephalopod mollusk that is found throughout the Indo-Pacific, the Great Barrier Reef of Australia, the Coral Sea, and South-Pacific islands. Normally it is brown or yellow, but is capable of dramatic color changes using special cells called chromatophores. This cuttlefish is associated with coral reefs, where it hides from predators in coral crevices and caves. They are found at depths up to 30 meters, but move to shallower water to mate between January and May. Courtship involves striking color changes. A male transfers sperm packets, called spermatophores, into a female's mantle cavity. Eggs are fertilized and placed into coral crevices where they harden as protection from predators. Color changes are also used in camouflage and possibly during feeding to momentarily distract their crustacean and fish prey.



Study Online – anytime – with the Zoology website

www.mhhe.com/millerharley8e

This convenient website takes studying to a whole new level. **Students** will find multiple choice quizzes, key terms, test bank, web links, interactive Cladistics Exercises, and more. **Instructors** will appreciate a password-protected **Instructor's Manual**, **Laboratory Resource Guide**, and access to the **illustrations**, **photographs**, and **tables** from the text organized by chapter in convenient PowerPoint files.



Castro/Huber: *Marine Biology*, Eighth Edition
ISBN: 978-0-07-352416-0 (MHID: 0-07-352416-6)

Kardong: *An Introduction to Biological Evolution*, Second Edition
ISBN: 978-0-07-305077-5 (MHID: 0-07-305077-6)

Kardong: *Vertebrates: Comparative Anatomy, Function, Evolution*, Fifth Edition
ISBN: 978-0-07-304058-5 (MHID: 0-07-304058-4)

Linzey: *Vertebrate Biology*, First Edition
ISBN: 978-0-697-36387-9 (MHID: 0-697-36387-2)

Pechenik: *Biology of the Invertebrates*, Sixth Edition
ISBN: 978-0-07-302826-2 (MHID: 0-07-302826-6)

Roberts/Janovy: *Foundations of Parasitology*, Eighth Edition
ISBN: 978-0-07-302827-9 (MHID: 0-07-302827-4)

The McGraw-Hill Companies



Higher Education

ISBN 978-0-07-302620-0
MHID 0-07-302620-7



www.mhhe.com