

Teacher's Manual • Unit 8

6. Some insects like the bee, ladybug, and praying mantis are helpful to man by providing food, killing harmful insects, and pollinating flowers. Many insects destroy crops and vegetation.
7. arachnid, catching and killing insects
8. The web serves as a net to catch insects. They teach us the greatness of God in creating a small animal capable of producing the delicate web design.
9. scorpion, tick
10. Although insects and spiders are very small, God has created them to take care of themselves. They exist almost everywhere.
11. Crustaceans have a very rough exoskeleton.
12. shrimp, crabs, lobsters
13. The names "hundred" and "thousand" are used here to mean "so many it looks like a hundred and a thousand." The centipede pictured on page 278 has about 14 pairs of legs.

Study Exercises: *Group J* (285)

1. All vertebrates have an internal skeleton containing a backbone made of vertebrae. A bundle of nerves called the spinal cord runs through a hole in vertebrae sections of the backbone.
2. (a): (2), (3), (5), (13); (b): (1), (2), (5), (10); (c): (1), (2), (3), (4), (14); (d): (7), (8), (10), (12); (e): (6), (7), (9), (11).
3. The body temperature of a cold-blooded animal changes with the changes in the temperature of its environment.
4. The tadpole is the young water-living stage of a frog.
5. No. Most snakes are helpful by killing insects and field rodents. Only a few are poisonous.
6. Birds were created to fly. They have hollow bones, a streamlined body, and a light feather body covering. Birds can build nests for their young. Many birds migrate seasonally over long distances.
7. Man, like mammals, is warm-blooded, has hair, breathes with a diaphragm, feeds milk to his young, and has a backbone made of vertebrae.
8. Man has superior abilities to think and to work with his hands. Man is a living soul. Man has dominion over the other created living things.
9. Man raises many kinds of mammals for food and clothing. Many mammals provide power to do work for man. James 3:3 is very