REEFS IN PERIL PAGE 18

DIRECTIONS: Choose words or phrases from the box below to correctly fill in the blanks in the following sentences. Each word or phrase should be used only once.

<table>
<thead>
<tr>
<th>algae</th>
<th>bleaching</th>
<th>death</th>
<th>humans</th>
<th>mutualism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia</td>
<td>breeding</td>
<td>El Niño</td>
<td>hurricanes</td>
<td>skeleton</td>
</tr>
<tr>
<td>Australia</td>
<td>coral polyps</td>
<td>filaments</td>
<td>larva</td>
<td>symbiosis</td>
</tr>
</tbody>
</table>

1. The world's largest living structure is built by ____________________________ ____________________________

2. The Great Barrier Reef is located off the east coast of ____________________________

3. A reef is made from the hard ____________________________ of marine organisms.

4. Coral ________________ is a process in which reefs turn white.

5. A warm climate pattern called ________________ ________________ affects the Pacific Ocean every few years.

6. Corals get their colors from ____________________________ that live inside their tissues.

7. Two organisms living closely together and benefiting from one another is called ________________

8. Corals use harpoon-like ____________________________ to catch food.

9. A ________________ is the juvenile form of a coral polyp.

10. Scientists are ________________ corals that can withstand bleaching events.

EYE TO EYE PAGE 20

DIRECTIONS: Match each item in the left column below with its definition in the right column.

1. pupil  a. eye trait typically found in prey animals
2. predator  b. animal that is attacked and eaten by other animals
3. prey  c. trait that helps an animal survive in its environment
d. adaptation in the eye typical of ambush predators
e. animal that attacks and eats other animals
f. opening in a camera that lets light in
g. opening in the eye that lets light in
h. colored part of the eye
i. area that an animal can see around itself
j. ability to focus two eyes on a single object

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PUP ON PATROL PAGE 8

DIRECTIONS: Read each statement and decide whether it is true (T) or false (F). Write your response in the space provided.

1. Herding breeds of canines are being used to chase away wildlife at airports.
2. The number of collisions between airplanes and wildlife is generally decreasing.
3. Most bird strikes cause disruptions in airplane flights.
4. Birds are attracted to airports because of the sounds of airplane engines.
5. Scientific evidence supports the theory that removing or replacing certain plants around an airport can decrease bird strikes.

DIRECTIONS: Read the "Science News" section on pages 2-7. Then test your knowledge, filling in the letters next to the correct answers below.

1. Japan’s new invisible train has a mirrored exterior that ________.
   A. diffracts light
   B. refracts light
   C. reflects light
   D. absorbs light

2. Scorpions, like spiders, are ________.
   A. insects
   B. arachnids
   C. vertebrates
   D. reptiles

3. Some animals, like scorpions, glow or ________ under UV light.
   A. radiate
   B. fluoresce
   C. decay
   D. implode

4. Plants make food through the process of ________.
   A. photosynthesis
   B. decomposition
   C. carbon sequestration
   D. fertilization

5. Negatively charged particles are known as ________.
   A. protons
   B. neutrons
   C. electrons
   D. atoms

6. A(n) ________ is a mix of a metal and one or more other elements.
   A. compound
   B. solution
   C. metalloid
   D. alloy

7. ________ is not thought to be a cause of the decreasing monarch butterfly population.
   A. weather
   B. habitat loss
   C. food availability
   D. infertility

8. Migration describes a species’ ________.
   A. seasonal movement
   B. reproductive pattern
   C. population growth
   D. habitat loss

9. A study found that the most common cause of traumatic brain injury in children and teens from 2003 to 2012 was ________.
   A. skiing
   B. horseback riding
   C. contact sports
   D. roller-skating

10. The same study found that the most common cause of traumatic brain injury in adults from 2003 to 2012 was ________.
    A. horseback riding
    B. contact sports
    C. snowboarding
    D. water sports