

Teacher Supplement for Adaptations to the Environment: a Living Fossil - the American Horseshoe Crab

- ❖ The background information in the lesson plan is fairly extensive, but here are a few suggestions if you would like to expand on the horseshoe crab lesson.
 - This lesson can be a pre-site introduction if you are planning a field trip to the aquarium as horseshoe crabs are usually kept in the hands-on tanks (petting tanks) of most aquariums.
 - If you have a saltwater tank already setup, you can order a horseshoe crab from Carolina Biological and keep it in the classroom along with other marine invertebrates and maybe even a few fish year round.
 - If you live near the coast, you could take your students to a beach known for horseshoe crab nesting during May or June. Although they like coming out at night at the highest tides (check the local tide calendar), there will probably be a few stragglers that your students can observe. According to the State Park Service, horseshoe crabs have been known to nest all along the South Carolina coast, though not in as great a number as they do further north.

- ❖ Special slides in the presentation
 - Slide 5 - Click on the image to see the first movie. If no movie starts, download the movie file “movie 1” from our website. To do this, right click on “movie 1”, choose SAVE TARGET LINK AS, and then save the movie file to your desktop. Insert the movie file into the presentation again by choosing INSERT, MOVIES AND SOUNDS, and MOVIE FROM FILE. Choose “movie 1” from your desktop.
 - Slide 6 - Click on the image to see the first movie. If no movie starts, download the movie file “movie 2” from our website. To do this, right click on “movie 2”, choose SAVE TARGET LINK AS, and then save the movie file to your desktop. Insert the movie file into the presentation again by choosing INSERT, MOVIES AND SOUNDS, and MOVIE FROM FILE. Choose “movie 2” from your desktop.
 - Slide 8 - Click on the image to see the first movie. If no movie starts, download the movie file “movie 3” from our website. To do this, right click on “movie 3”, choose SAVE TARGET LINK AS, and then save the movie file to your desktop. Insert the movie file into the presentation again by choosing INSERT, MOVIES AND SOUNDS, and MOVIE FROM FILE. Choose “movie 3” from your desktop.
 - Slide 11 - Click on the image to see the first movie. If no movie starts, download the movie file “movie 4” from our website. To do this, right click on “movie 4”, choose SAVE TARGET LINK AS, and then save the movie file to your desktop. Insert the movie file into the presentation again by choosing INSERT, MOVIES AND SOUNDS, and MOVIE FROM FILE. Choose “movie 4” from your desktop.