

**Gorilla Forest Seek & Find  
(Grades 9 & Up)**



1. During your visit along the Gorilla forest trail you will encounter numerous signs of animal life. List at least 3 things that can be seen that indicate the presence of animals along the trail.  
a) \_\_\_\_\_ b) \_\_\_\_\_ c) \_\_\_\_\_
2. The world's largest frog can be spotted along the trail. What is the world's largest frog and how big can it get?
3. Describe a bai. (pronounced "Bye")
4. The average gorilla will consume up to \_\_\_\_\_ pounds of vegetation in a day.  
What percentage of a full grown, 400 lb. male gorillas weight, does this represent? \_\_\_\_\_%  
Compare this to your weight. How much would you have to eat in a day to eat an equivalent % of your own weight?  
Weight\_\_\_\_\_ Equivalent Amount\_\_\_\_\_
5. What adaptations do gorillas have to help them process this large amount of food?
6. What is the role of the silverback male in the Gorilla family unit?
7. The average Pygmy Hippo weighs about 1/10 that of the more common Nile Hippo? If a Nile Hippo weighs about 2 1/2 tons, what is the weight of the average Pygmy Hippo? \_\_\_\_\_ lbs.
8. What is the main threat to the Pygmy Hippo's survival?
9. What is "Bushmeat"? What is leading to the expansion of this trade?
10. From the information portrayed along the "logging road", what do you recognize as the differences between subsistence farming and commercial hunting and forestry?
11. What behaviors were you able to observe while watching the gorillas? Using the information on the signs in the area, what do some of these behaviors mean?
12. Who was Dian Fossey? What type of gorillas did she study?
13. What is the purpose of the training that takes place in the Gorilla Forest, with both the Pygmy Hippos and the Gorillas?
14. What similarities exist between the forests of Africa and our forests in Kentucky?

**ANSWER SHEET**

1. Answers will vary. Examples include footprints, bones, dung, nests, disturbed vegetation.
2. The Goliath Frog. Up to 7 pounds.
3. A clearing in the forest Low wet area frequented by animals.
4. 40 lbs/day. 10% of adult Male. Various answers relative to person.
5. Large belly has extra long intestines for processing the vegetation.
6. He is the leader. All others follow his lead and direction.
7. 500 lbs.
8. Bushmeat trade & Habitat Destruction
9. Bushmeat is the illegal taking of wild species for commercial sales of meat. The commercial logging industry is opening up the forest for the bushmeat traders.
10. Various perceptions. Subsistence farming allows the forest to recover, whereas commercial forestry can cause permanent loss of species and damage to the rain forest.
11. Will vary.
12. A researcher who spent her life working with Mountain Gorillas.
13. Answers & Perceptions will vary. Training of large animals in the Zoo helps with their vet care and relieves problems and stress on both animals and keepers.
14. Answers will vary. Both represent diverse ecosystems with wide ranging interactions between all the species that live there.