Secret Yosemite Video Notes

1. How high can redwood trees be? How much can they weigh?
2. What are the largest living things that have ever existed on Earth?
3. What type of rock is El Capitan made out of? What is unique about it (give one thing)?
4. What natural force causes the massive rock that is El Capitan to rise?
5. Why are storms dangerous when climbing things like El Capitan or Half Dome?
6. How much power can one bolt of lightning generate?
7. Why did Adrian only escape the storm with minor injuries, while his friends were injured/killed?
8. What is Yosemite’s “engine of change?” How does it change Yosemite?
9. Why does the climber tap on the rocks as he is climbing?
10. What is the Texas Flake?
11. How large were the slabs of rock that broke off of Glacier Point? At what speed did they hit the ground?
12. Describe what happened to the surrounding forest as a result of this slab collapsing?
13. How can global warming affect the livelihood of sequoia trees?
14. How much water is pumped up sequoia trees each day?
15. How old are some of the oldest Sequoia trees?
16. Why are foliage samples collected at the very top of the trees?
17. How could sequoia trees die due to global warming?
18. How does the climber get from one crack system to another once the first one runs out?
19. Initially fires in Yosemite were put out. What was the result of doing this?
20. Why were no sequoias growing when all the fires were being put out?
21. How do sequoias prevent being burned by the flames?
22. How have fires helped other plants and animals?
23. How were vertical cliffs created in Yosemite?
24. How long until the Yosemite Glacier will be gone?
25. Aside from global warming, what other factor has caused a disruption in the Yosemite ecosystem?