Ninja Species Project: Decorate and Elaborate

**You get to be an expert on a species!**

**Goal**: Take a known Ninja Species, a species with crazy awesome adaptations, and evolve that. You can create any life history characteristics you want, you just need to justify them scientifically.

* Basically decorate your Species and make a presentation to include: (please go in order of this sheet in your presentation)

|  |
| --- |
| **Basic** |
| Name the species: * Common name
* Scientific name (Genus species)

What is its closest extant (living) relative? * How do you know?

What is its closest extinct (non-living) relative? * This is where you include some research on the real species that you modified.
 |
| **Habitat** |
| Explain where you are likely to find them? – Be specific to biomeWhy do they look the way they do?Adaptations: To their biome * Size, feet, scales/skin/feathers neck, tail,
* Sensory structures/features?
* Unique feature

Why do they look the way they do?* Sexual selection (because the ladies like it)
* Camouflage
* Predator avoidance method
 |
| **Life History** |
| Social?* Social or solitary?
* What is a group of them called?

Reproduction * How do they signal to mates?
* Do they have any courtship rituals?
* Development? Direct, indirect... Elaborate
* Maternal instinct? Maternal/paternal care
 | Diet * Eating habits
* Tooth morphology
* Predator or prey?
* Greatest threats to species?

Sounds:* When does it vocalize? :Screen shot 2013-03-10 at 9.19.56 PM.png
 |

|  |  |  |
| --- | --- | --- |
| **Category** | **Points** |  |
| Content and Creativity/Originality |
| **Basic**A = Creative and Correct |
| Name the species: * Common name
* Scientific name (Genus species)
 | /4 |  |
| What is its closest extant (living) relative? * How do you know?
 | /3 |  |
| What is its closest extinct (non-living) relative? * This is where you include some research on the real species that you modified.
 | /3 |  |
| **Habitat** |
| Explain where you are likely to find them? – biome  | /2 |  |
| Why do they look the way they do?Adaptations: * Size, feet, scales/skin/feathers neck, tail,
* Sensory structures/features?
 | /4 |  |
| Unique feature |  /2 |  |
| Why do they look the way they do?* Sexual selection (because the ladies like it)
* Camouflage\
* Predator avoidance method
 | /2 |  |
| **Life History** |
| Social?* Social or solitary?
* What is a group of them called?
 | /2 |  |
| Reproduction * How do they signal to mates?
* Do they have any courtship rituals?
* Development? Direct, indirect... Elaborate
* Maternal instinct? Maternal/paternal care:
 | /5 |  |
| Diet * Eating habits
* Tooth morphology
* Predator or prey?
* Greatest threats to your species?
 | /3 |  |
| Sounds:* When does it vocalize?
 | /2 |  |
| **Presentation** |
| Oral Presentation* Figure out what each was responsible for before hand
* Don’t read
 | /5 |  |
| Visual* Did you use pictures to support your claims?
 | /5 |  |
| **Your Beautifully Decorated Species** |
| Creativity of decorations/”adaptations” | /8 |  |
| Notes/Comments:Total\_\_\_\_\_\_\_\_\_\_\_\_/50 |

/12

/8

/10

/10

/10