

# Ecology Website Rubric

HQ = High Quality work. Information is complete and/or detailed.

MQ = Medium Quality. Information is mostly complete and/or detailed.

LQ = Low Quality work. Information is incomplete and/or incorrect.

None = Information is not there and/or copied (plagiarized)

<b>Page 1: Background (15%)</b>				
#1. What is your species? (genus and species):	HQ: 3%	MQ: 2%	LQ: 1%	None
#2. Describe the biome/habitat in which your species lives.	HQ: 3%	MQ: 2%	LQ: 1%	None
#3. What is your species' niche?	HQ: 3%	MQ: 2%	LQ: 1%	None
#4 What is the current status of your species (endangered, threatened etc.) When was it classified as endangered/threatened?	HQ 2%	MQ 1.0%	LQ 0.5%	None
#5 What are the estimated remaining numbers of your species?	HQ 2%	MQ 1.0%	LQ 0.5%	None
#6 Include at least one picture of your species.	HQ 2%	MQ 1.0%	LQ 0.5%	None

<b>Page 2: Evolution (15%)</b>				
#1 What are close relatives of your species? What makes them close relatives (what evidence)? Are any of them also endangered?	HQ 3%	MQ 2%	LQ 1%	None
#2 What are some of the adaptations of your species? [Describe at least 3 (and explain how they are an adaptation that aids survival). Include at least one picture].	HQ 4%	MQ 2.5%	LQ 1%	None
#3 Is there any evidence of your species' environment changing? How has that or how might that affect your species? Explain.	HQ 4%	MQ 2.5%	LQ 1%	None
#4 Make a prediction about the potential of your species to adapt to its changing environment (Do you think it's possible that your species can change before they go extinct)? Have scientists made any predictions? If yes, what have they predicted?	HQ 4%	MQ 2.5%	LQ 1%	None

<b>Page 3: Niche Requirements (15%)</b>				
#1 What are the energy requirements of your species?	HQ 4%	MQ 2.5%	LQ 1%	None
#2 What climate (temperature range etc.) does your species require?	HQ 4%	MQ 2.5%	LQ 1%	None

#3 What type of shelter does your organism require (cave, burrow etc.)? If your organism is a plant, what type of soil does it require?	HQ 4%	MQ 2.5%	LQ 1%	None
#4 Include at least one picture.	HQ 3%	MQ 2%	LQ 1%	None

<b>Page 4: Outlook (15%)</b>				
#1 What factors have contributed to the decline of your species? (Include a picture of the main problem for your species. For example, is an invasive species competing with it? Is it being hunted? Is it losing habitat? etc.).	HQ 5%	MQ 3%	LQ 1%	None
#2 What is the range of your species? (include required habitat size for a healthy population).	HQ 5%	MQ 3%	LQ 1%	None
#3 What is the likelihood of long term survival of your species? (Have scientists made predictions about the likelihood of extinction)?	HQ 5%	MQ 3%	LQ 1%	None

<b>Page 5: Management Plan (15%)</b>				
#1 What is the goal of your management plan?	HQ 3%	MQ 2%	LQ 1%	None
#2 What is your plan to protect your species? (Include detailed steps)	HQ 3%	MQ 2%	LQ 1%	None
#3 What resources are necessary?	HQ 3%	MQ 2%	LQ 1%	None
#4 Who are your stakeholders? (What people and/or agencies are involved)?	HQ 3%	MQ 2%	LQ 1%	None
#5 What is your timeline?	HQ 3%	MQ 2%	LQ 1%	None

<b>Creativity of Website: 25%</b>			
High Creativity: 25%	Medium Creativity: 18%	Low Creativity: 10%	No Creativity: 0%
Lots of creativity on the site, including extra pictures, organization, proper grammar, and/or use of color.	Moderate use of extra pictures and use of color. Some grammatical errors and/or moderate organization.	Minor use of extra pictures and/or color. Many grammatical errors and poor organization.	Extreme Bare minimum/No extra thought or quality placed on the web page. Extremely difficult to understand/find the information.