Assessing species extinction risks

INSTRUCTIONS: To complete this assignment, please search the web for a species that lives in North America and has reliable data to answer the following 10 questions.

1. What is your species common name (e.g. Wood frog)?
2. What is your species scientific name (e.g. *Lithobates sylvaticus*)?
3. What is the maximum temperature (measured as C, not F) that your species can survive in? Please include a website link to the source of your information.
4. What is the minimum temperature (measured as C, not F) that your species can survive in? Please include a website link to the source of your information.
5. What is the optimal temperature (measured as C, not F) for your species? Please include a website link to the source of your information.
6. What is the northern most distribution of your species? What is the southernmost distribution of your species? (Include a map of your species distribution here.)
7. Select a location along the northernmost distribution of your species range and look up the average annual maximum and minimum temperatures ((measured as C, not F).
8. Select a location along the southernmost distribution of your species range and look up the average annual maximum and minimum temperatures ((measured as C, not F).
9. Calculate the warming tolerance of your species in both localities.
10. Calculate the thermal safety margin of your species in both localities.