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| **Key Points / Questions** | **Reading Questions** |
| As you watch/read the assigned videos and readings, record any key terms, concepts, or ideas in the space below. Document any questions that arise as well. | 1. What is phenology? Provide examples for clarification. |
| 1. What is a phenological mismatch? Provide an example. |
| 1. Based upon Table 1 in Robinson et al. (2009), what are the ways in which climate change may affect migratory fishes? |
| 1. What questions are there regarding the timing of arrival and adaptation by migratory species to warming temperatures? |
| 5. Predict how increased temperatures would affect migratory redhorses. Draw a figure that shows your prediction. |
| **Summary/Reflections** | |

You were assigned the task of finding two scientific, peer-reviewed articles on phenological shifts in migratory fishes. Using the space below, summarize the two articles IN YOUR OWN WORDS and reflect upon the significance of the findings. Each summary should consist of at least 100 words. Include the title for each paper.

Title of first paper:

Summary of first paper:

Title of first paper:

Summary of first paper: