

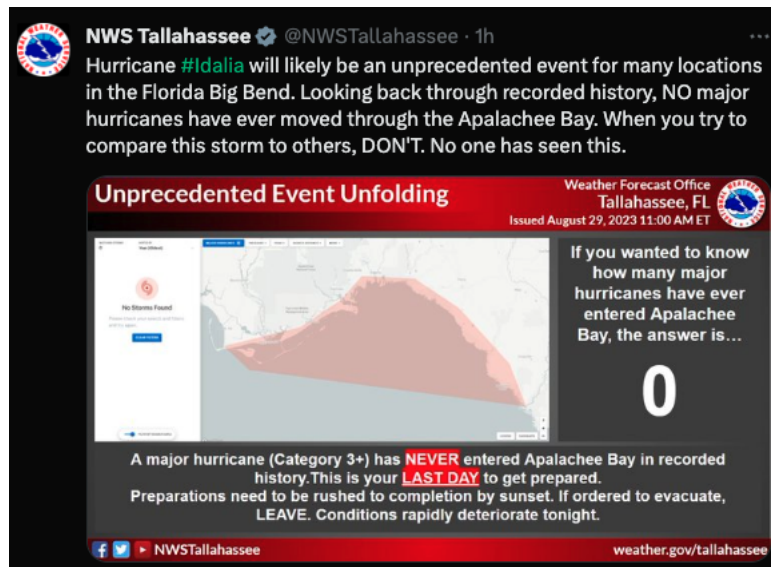
Name:

## Mini-Quiz 1

BIOL 4301/6301

August 31, 2023

- 1 What is ecosystem ecology and what makes it an important field of ecology?**
- 2 In his description of the state factors controlling ecosystems and their processes, Jenny did not include humans. How should this framework be modified based on what you've read from the Chapin book and Vitousek paper?**



- 3** The tweet (X?) above indicates that Hurricane Idalia will impact a region in Florida (Apalachee Bay) that has never experienced a major hurricane. Create a systems diagram to explain how Hurricane Idalia will influence ecosystem services in the Apalachee Bay. Denote any amplifying or stabilizing feedbacks in your diagram.