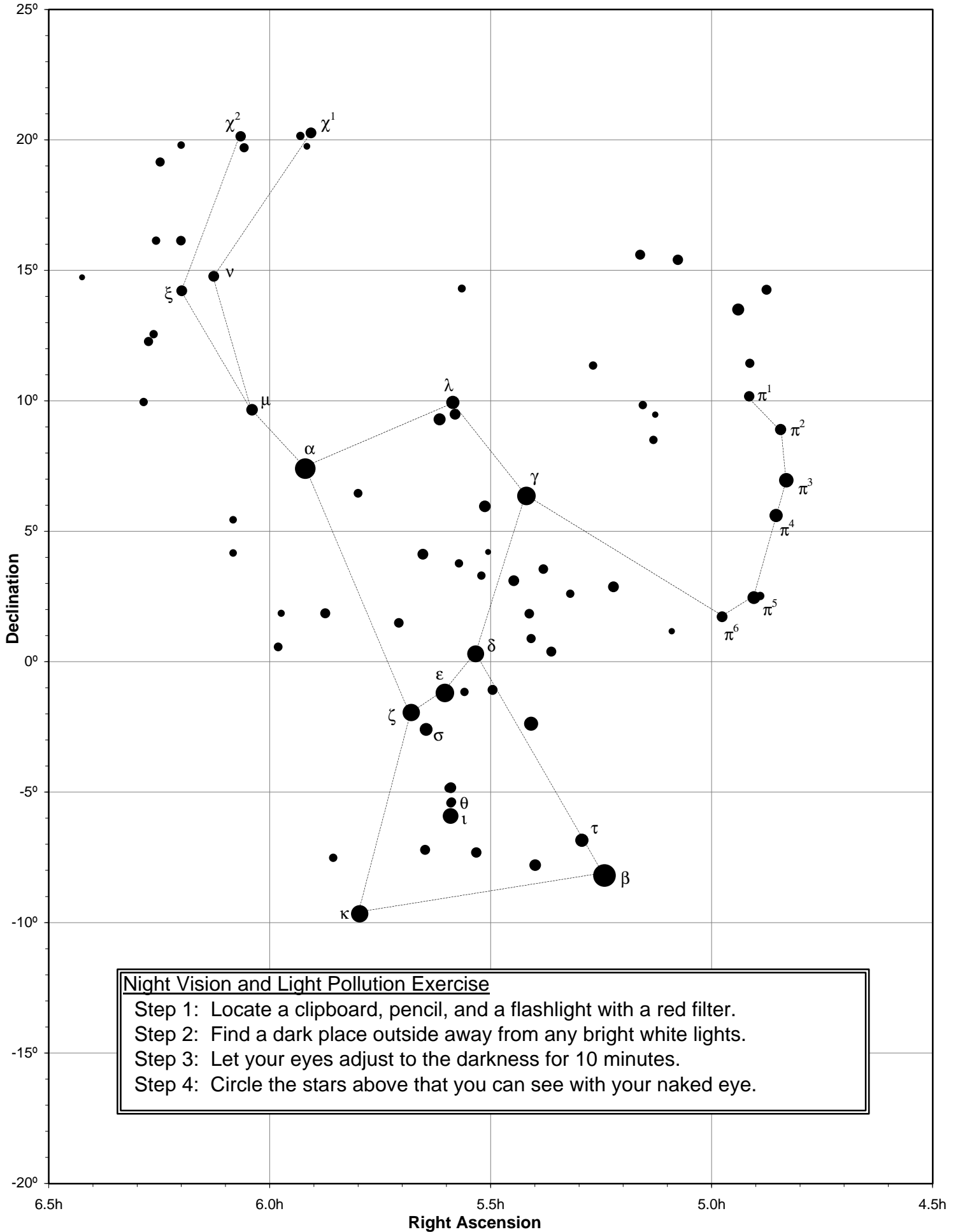




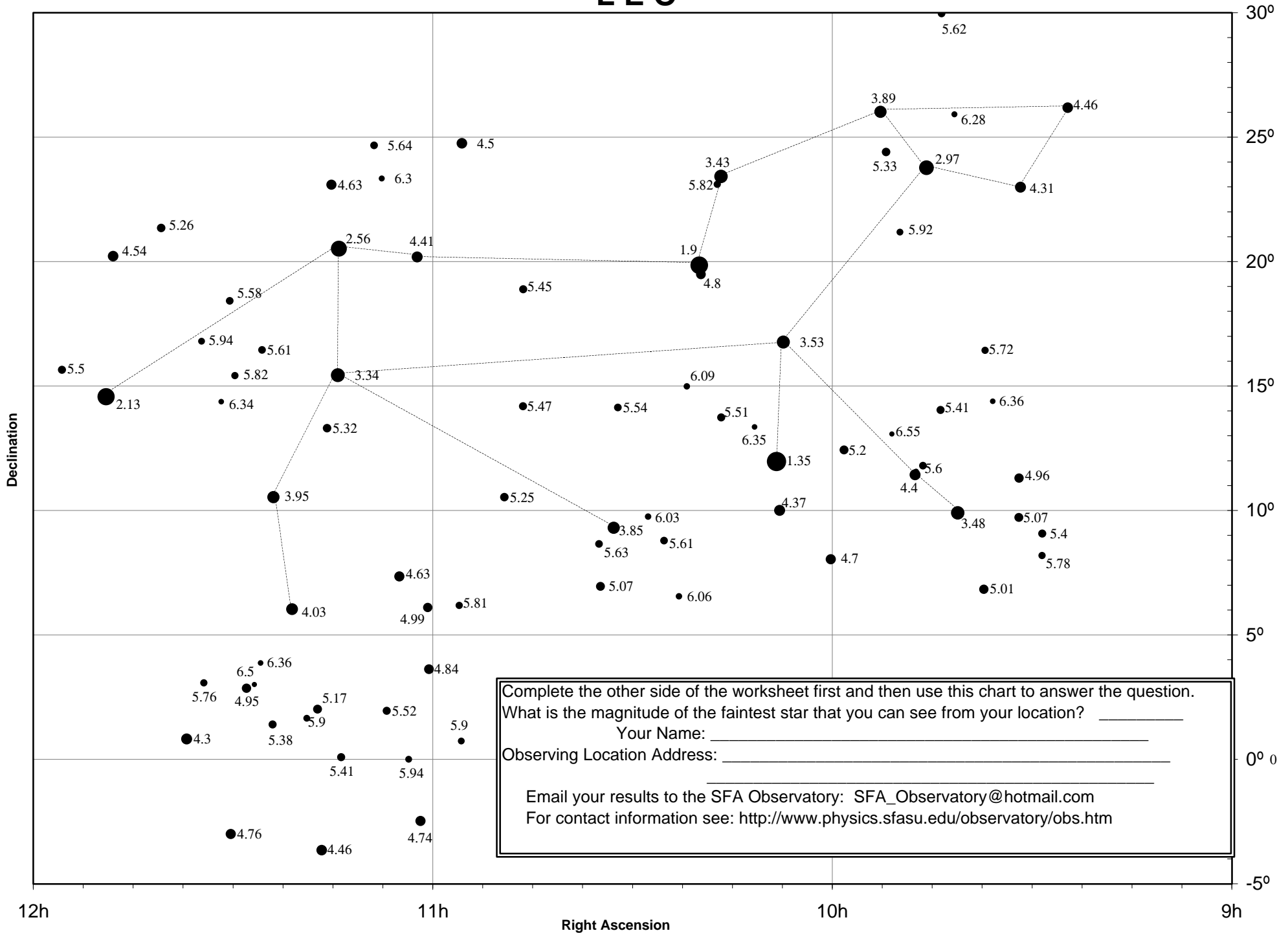
# ORION



## Night Vision and Light Pollution Exercise

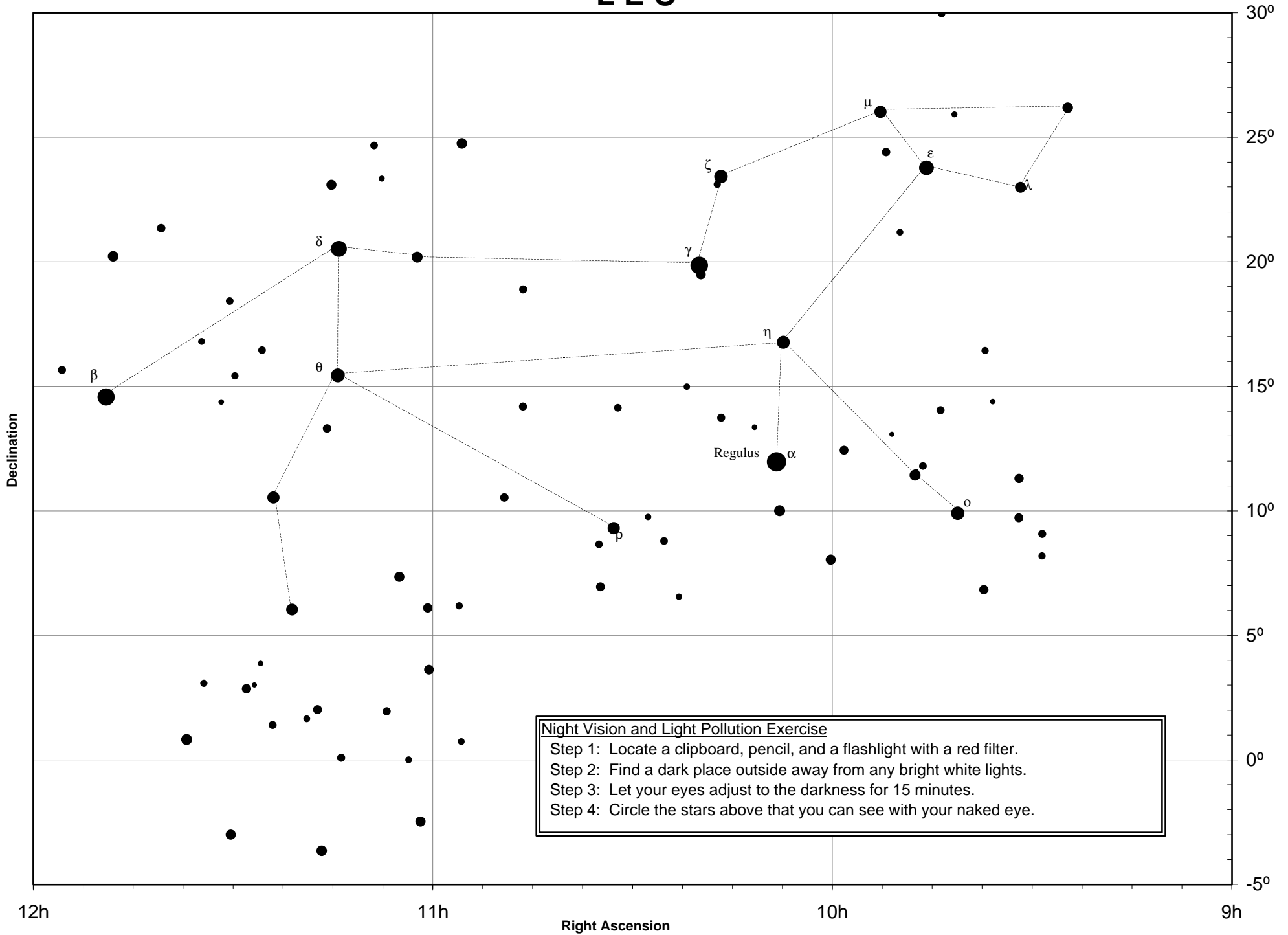
- Step 1: Locate a clipboard, pencil, and a flashlight with a red filter.
- Step 2: Find a dark place outside away from any bright white lights.
- Step 3: Let your eyes adjust to the darkness for 10 minutes.
- Step 4: Circle the stars above that you can see with your naked eye.

# LEO

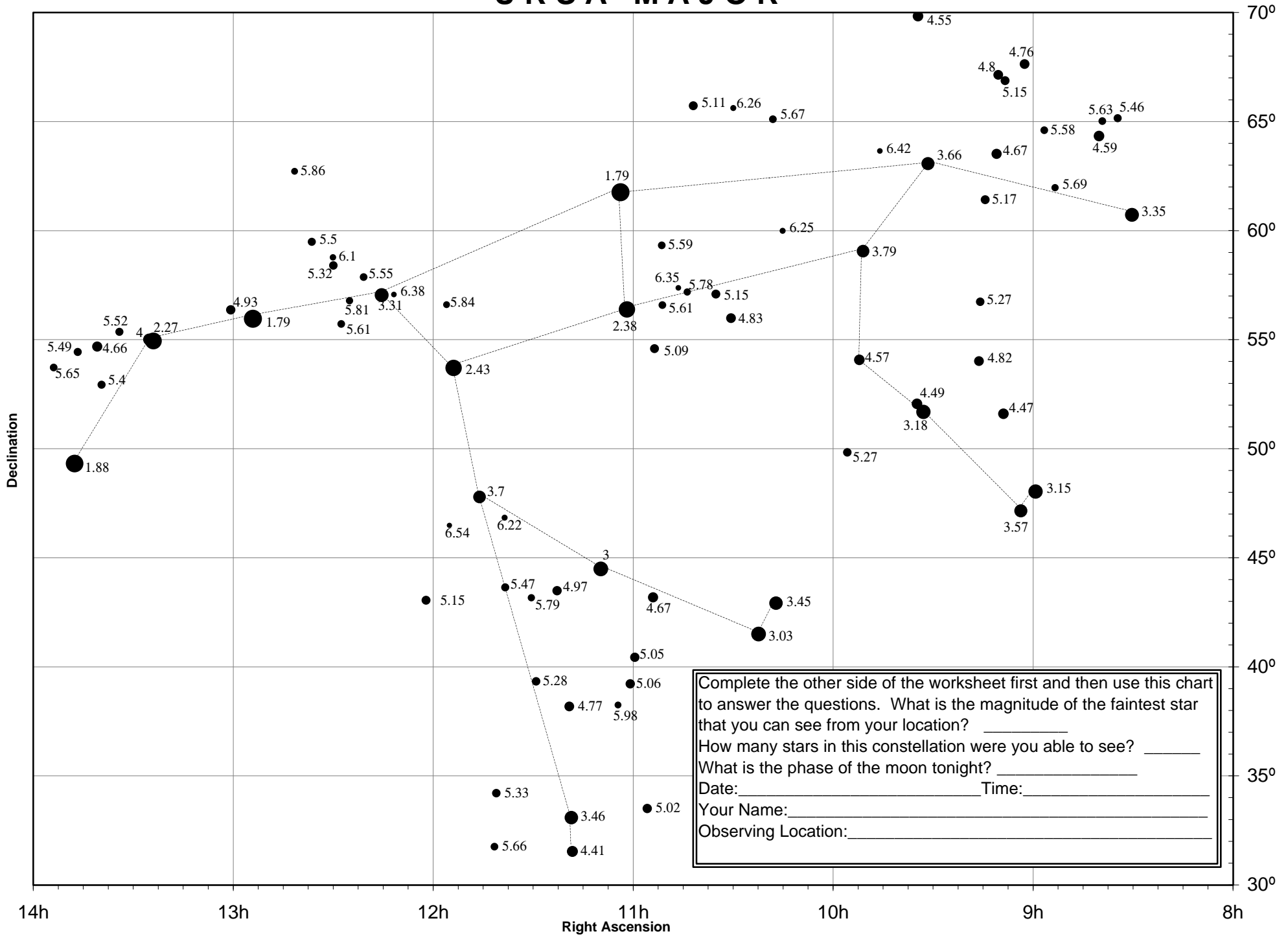


Complete the other side of the worksheet first and then use this chart to answer the question.  
 What is the magnitude of the faintest star that you can see from your location? \_\_\_\_\_  
 Your Name: \_\_\_\_\_  
 Observing Location Address: \_\_\_\_\_  
 Email your results to the SFA Observatory: SFA\_Observatory@hotmail.com  
 For contact information see: <http://www.physics.sfasu.edu/observatory/obs.htm>

# LEO



# URSA MAJOR



Complete the other side of the worksheet first and then use this chart to answer the questions. What is the magnitude of the faintest star that you can see from your location? \_\_\_\_\_  
 How many stars in this constellation were you able to see? \_\_\_\_\_  
 What is the phase of the moon tonight? \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Your Name: \_\_\_\_\_  
 Observing Location: \_\_\_\_\_

# URSA MAJOR

