

LAB C (Topographic Interp.) (50 points)

BIOL 324 - LAB B Post Lab Exercise

Consult your detailed topographic map of the “Edward’s Tract” to answer the following:

- A. What is the elevation (in feet) difference between the index contour lines? _____
- B. What is the contour interval? (in feet) _____
- C. What direction would the right edge of your map be? (north?, south?, east?, west?) _____
- D. What is the highest indicated “spot” elevation point on your map? _____
- E. What is the lowest indicated “spot” elevation point on your map? _____
- F. What is highest elevation contour line on your map? _____
- G. What is the lowest elevation contour line on your map? _____
- H Are the watercourses represented on your map perennial , or intermittent? _____
- I. How many significant valleys are indicated on your map? _____
- J. Which slope is steeper? Between points C and D? Or, between points E and F? _____
- K. What is the aspect of the slope represented:
 - a) between points C and D _____?
 - b) between points E and F _____?
- L. Given the distance scale of the map, and knowing that 1acre of land area contains 43,560 square feet, what is the total area (acres) of the Edwards Tract as bounded by the 3 roads: on the north, west and east; and the black dashed line on the south? _____ (within 5 acres; show your calculations to potentially receive partial credit)