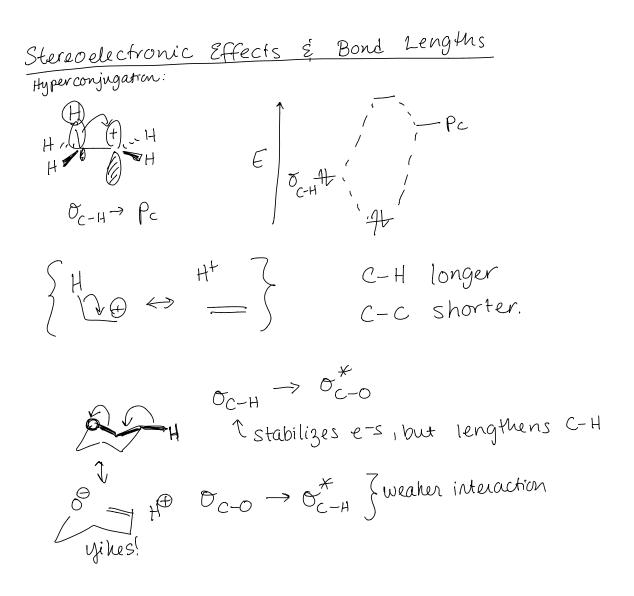
Lecture 11: Conformational Analysis (continued)

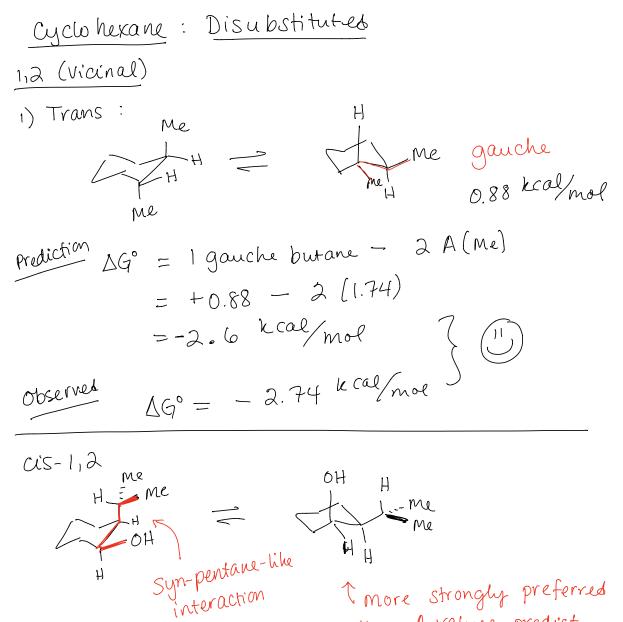
Announcements:

- Midterm 1 on Thursday.
 Material included: everything through last week (not today's class).
 Items allowed: pen or pencil, model kit
- Office hours: Wed 2:30-3:30 (208 LDL, Mary) Thurs 10-11 (220 BRL, Scott)

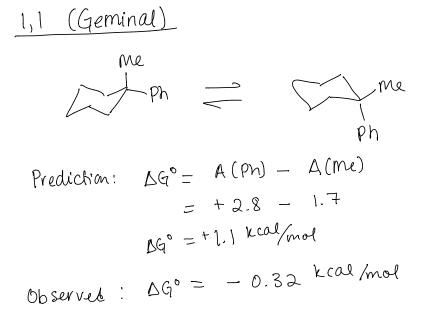
Today:

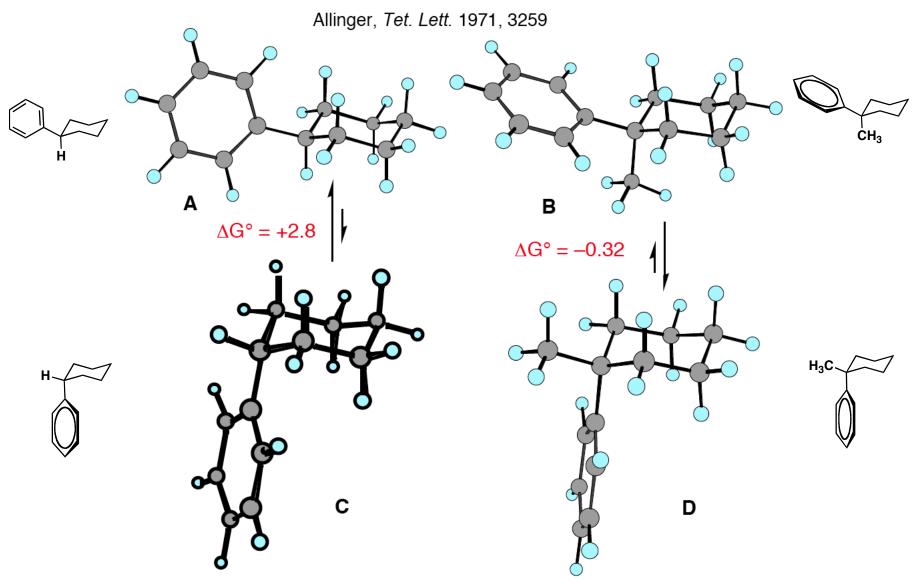
- Stereoelectronic effects that lengthen or shorten bonds (review)
- Conformational Analysis of Cyclic Systems (continued)



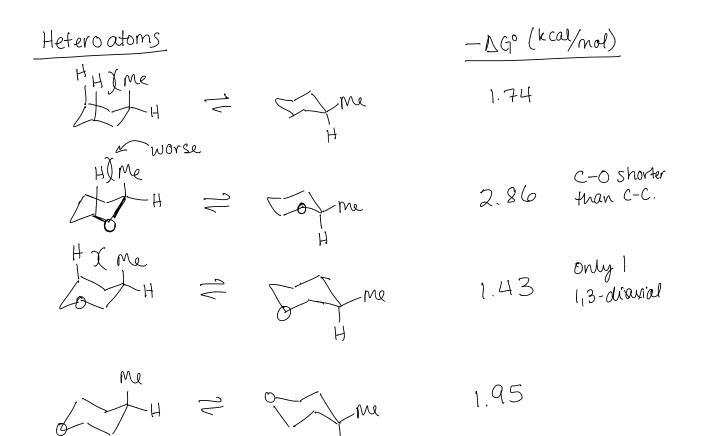


1 more strongly preferred than A-values predict



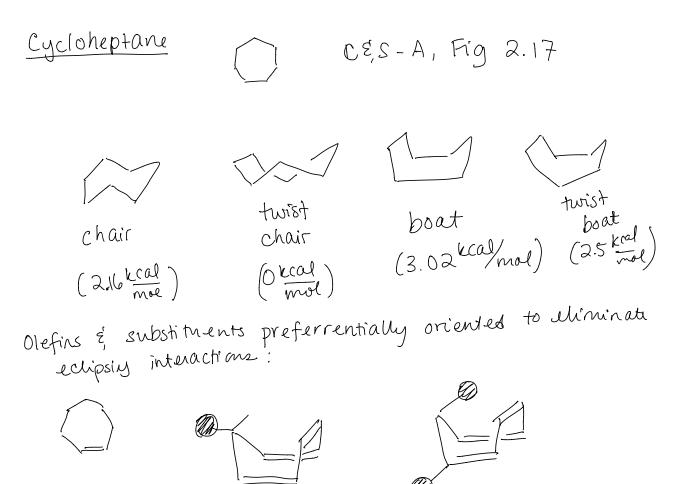


Note the difference in the Ph substituent in **A** & **B**.



H

Similar w/ NH instead of O.



 $\overline{\nabla}$

Cyclooctane

