# BIOMETRY, CLASS EXERCISE 2

(1) Given 200 measurements ranging from 1.31 to 2.95, how would you group them into a frequency distribution with 6 classes? Give the class limits as well as the class midpoints.

(2) You were lucky enough to be dispatched to study the Southern Royal Albatross population. A sample of 30 albatrosses had the following wingspans ($cm$):

> 324  291  286  290  365  294  311  336  288  299
>
> 277  307  314  296  288  301  278  328  321  279
>
> 321  330  319  298  287  324  308  316  294  312

Organize this data into a frequency table with 6 classes. Draw a histogram of the wingspans.

(3) Consider the following 24 measurements of interorbital width of a sample of domestic pigeons.

> 12.2  12.9  11.8  11.9  11.6  10.9  11.1  12.3
>
> 12.7  13.0  11.4  11.6  11.6  10.0  11.7  12.8
>
> 11.2  12.3  13.1  12.9  12.6  10.4  11.0  11.6

Organize this data into a stem-and-leaf display.