**Purpose:** Simple plot of time series of condition factor, meat weight, shell height and potentially other data.

**Version Control:** Multiple versions exist, usually duplicates of each other but no guarantees.

**Required packages**:

**Function Arguments Summary**

1. **data**: The data to plot
2. **x**: name of the x data. Default = names(data[1]),
3. **y**: name of the y data. Default = names(data[2]),
4. **ylab**: y axis label. Default = y
5. **xlab**: x axis label. Default = x
6. **mean**.**line**: Plot the mean of the lines. (T/F) default = F
7. **graphic**: What plotting device to open. Default ="R", "pdf" will produce a figure and save it to

specified directory.

1. **width**: width of the plot window. Default = 8
2. **height**: height of the plot window. Default = 6
3. **labcx**: Magnification of labels. Default = 1.25
4. **ylim**: the upper and lower y bounds, missing by default so automatically added by R
5. **xlim**: the upper and lower x bounds, missing by default so automatically added by R
6. **col**: The color of the points/lines added to figure. Unique color for each by default, which is

rep(1,length(y)),

1. **pch**: The symbols to add to the figure. Unique symbols for each point by default, which is 1:length(y)
2. **lty**: The line types to add to the figure. Unique line types for each point by default, which is 1:length(y)
3. **type**: The type of plot, default ='o' which is overplotting (draws full line and points). See ?plot for options.
4. **titl**: Title for the plot. Default is blank
5. **cex.mn**: Magnificaiton of the plot title. Default = 1.2
6. **axis.cx**: Magnification of the axes. Default = 1
7. **tx.ypos**: Position of the margin text for y axis. Default = 5.3

**Section 1**

Nice straightforward function used to plot condition factor, average meat weight and shell height each year.

**Function Index**

abline

colMeans

dev.off

function

if

length

lines

missing

mtext

par

plot

pdf

range

unlist

windows

with