**exploit.plt.r**

**Purpose**  This generates a figure which can include the modeled Exploitation rate, natural moratily for fully recruited and natural mortality for recruits.

**Version Control**  Likely several versions of this exist, but I’m sure you agree this is the bestest version going.

**Required packages** None

**Locally Derived Functions** None

**Section 1**

Takes the results of a model run and plots the exploitation of fully recruited scallops. Options to add the natural mortality of either fully recruited and/or recruit scallop to the figure.

***Argument(s)***

1. output The results from the model, either Bayesian or MLE model acceptable
2. years The years the model was run.
3. plt Which plots to produce."f" gives fishing mortality (exploitation rate). "m" gives

natural mortality of fully recruited 'mR' is the mortality of the recruits. Default is c('f','m') so exploitation and fully recruited mortality.

1. graphic The graphic device. Default ="screen" which plots to the screen, optionally can

save as a pdf.

1. type The type of model the data came from. Default ="mcmc", i.e. WinBUGS or

similar, optionally can be "mle" for a max likelihood

1. path The path to put the figure if saved as a pdf. Default is blank