Metadata for:

DENSITY DEPENDENCE AND POPULATION REGULATION IN MARINE FISH A LARGE-SCALE, LONG-TERM FIELD MANIPULATION; Hixon, Mark; Anderson, Todd; Buch, Kevin; Johnson, Darren; McLeod, J. Brock; Stallings, Christopher

I. Population Time Series Data: Figures 2 & 3 (by Mark Hixon):

Figure 2: STPA grand expt N vs time FINAL.jnb: SigmaPlot graph file

Figure 3: STPA grand expt R vs time FINAL.jnb: SigmaPlot graph file

II. Demographic Data: Tables 1 & 2, Figures 4, 5, 6, & 7 (by Darren Johnson):

10 text files

Many of the column heads will be self-explanatory, based on the following heading shorthand: For the survival data, “id” is the tag identifier. “Est.dissappearance.date” is the estimated date of disappearance (mortality). It was calculated as the midpoint of the interval between date last seen and date of the first census when it was absent. “comm” is just a column containing notes – here they were used to help identify individuals. “IDcom” is an individual identifier, generated by concatenating head, tag, any additional notes (“found 1mW”, etc.) and sometimes a sequential letter. It’s ugly, but it was a quick and easy way of making a unique identifier. “gap” is the width of the interval between date last seen and date noted absent. In a sense, this gives a measure of uncertainty in the disappearance date. “seas” is a dummy variable coding for season (1=winter, .5 = Spring or Fall, 0 = summer). For the growth data, “ID” is a unique identifier. “gpd” is growth per day.

III. Environmental Data: Figure 8 (by Mark Hixon):

Figure 8A: Habitat Complexity Scores updated.xls: raw data

Figure 8A: Habitat Complexity Scores updated.snb: SigmaStat analysis file

Figure 8B: STPA between adult distances.xls: raw data

Figure 8B: STPA between adult distances.snb: SigmaStat analysis file

Figure 8CD: Predators & Territorials Censuses.xls: raw data

Figure 8CD: Predators & Territorials Censuses.snb: SigmaStat analysis file

Figure 8E: hab-expt.xls: raw & summary data

Figure 8: Habitat Territorials Predators Res & Trans updated.jnb: Sigmaplot graph file

IV. Tag Effects Data (by Todd Anderson):

STPATAG.xlw: raw data

STPA elastomer validation.sas: SAS analysis code

Elastomer tagging study survival with summary stats.xls: summary statistics