Development of life-stage specific

Despite typical high fluctuations in blue crab (*Callinectes* *sapidus*) mean annual abundance and commercial landings, both fisheries independent and dependent data have shown declines in populations in recent years. Data from several long-term South Carolina Department of Natural Resources fisheries independent and dependent blue crab surveys were analyzed to assess trends in life-history and to develop predictive models of fisheries independent and dependent abundance and landings. Ordinary Least Squares regression models were developed with single and multiple life-history size and sex/maturity variables used to predict Indices of relative abundance and