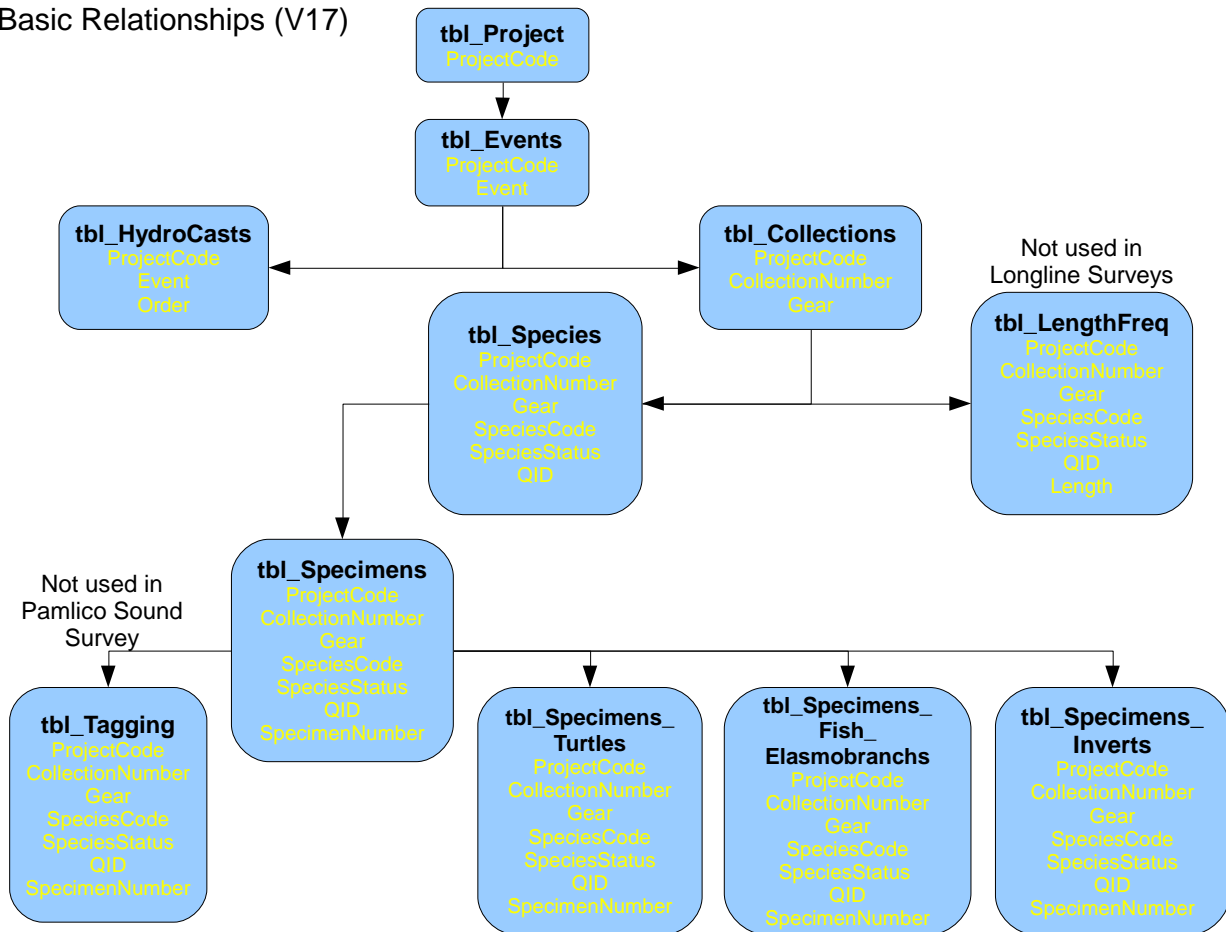


## Basic Relationships (V17)



The bubble diagram shows the relationship of the different tables and variables to one another.

The database operates on the relationship of Event→Collection→Species→Specimen. For query requests, the selection or 'filtering' options [Type of Data](#) are organized in this same relationship, with choices of: Event Information, Abundance and Biomass, Length Frequency, Individual Specimen, or Specimen Tag Information. The output from the request is supplied as a .csv file containing flat records constructed of the limited data variables from applicable data tables. For species included in an Abundance and Biomass query, the output will include the entire set of Events (effort) for the selection parameters in the query, whether or not the species of interest was taken in an Event (i.e. zero catches). This query also contains both the total CatchWeight (all species weights combined) as well as SpeciesTotalWeight (weight for a species in the sample). Additional information on the database schema and variable definitions can be found in SEAMAP-SA Data Management Guidance Plan.