

Entity Diagram for the Relational Data Tables

Geographic Themes

BENTHIC (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
BIRDS (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
FISH (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
HABITATS (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
HERP (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
INVERT (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
M_MAMMAL (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)
T_MAMMAL (POINTS, LINES, POLYS) ID (Double) RARNUM (Long Integer) MAPRAR (Long Integer)

Data Tables

SOURCES SOURCE_ID (Long Integer) ORIGINATOR (Text, 255 chars) DATE_PUB (Long Integer) TITLE (Text, 255 chars) DATA_FORMAT (Text, 80 chars) PUB_PLACE (Text, 255 chars) PUBLISHER (Text, 255 chars) PUBLICATION (Text, 255 chars) ONLINE_LINK (Text, 255 chars) SCALE (Text, 20 chars) TIME_PERIOD (Text, 34 chars)
BIORES RARNUM (Long Integer) SPECIES_ID (Long Integer) CONC (Text, 20 chars) MAPPING_QUALIFIER (Text, 25 chars) SEASON_ID (Long Integer) G_SOURCE (Long Integer) S_SOURCE (Long Integer) ELEMENT (Text, 10 chars) EL_SPE (Text, 6 chars) EL_SPE_SEA (Text, 8 chars)

STATUS ELEMENT (Text, 10 chars) SPECIES_ID (Long Integer) STATE (Text, 2 chars) S (Text, 1 char) F (Text, 1 char) S_DATE (Long Integer) F_DATE (Long Integer) EL_SPE (Text, 6 chars)
SEASONAL ELEMENT (Text, 10 chars) SPECIES_ID (Long Integer) SEASON_ID (Long Integer) JAN (Text, 1 char) FEB (Text, 1 char) MAR (Text, 1 char) APR (Text, 1 char) MAY (Text, 1 char) JUN (Text, 1 char) JUL (Text, 1 char) AUG (Text, 1 char) SEP (Text, 1 char) OCT (Text, 1 char) NOV (Text, 1 char) DEC (Text, 1 char) EL_SPE_SEA (Text, 8 chars)
BREED EL_SPE_SEA (Text, 8 chars) MON (Long Integer) BREED1 (Text, 1 char) BREED2 (Text, 1 char) BREED3 (Text, 1 char) BREED4 (Text, 1 char) BREED5 (Text, 1 char)
SPECIES SPECIES_ID (Long Integer) NAME (Text, 35 chars) GEN_SPEC (Text, 45 chars) ELEMENT (Text, 10 chars) SUBELEMENT (Text, 10 chars) GRANK (Text, 8 chars) GRANKDATE (Long Integer) EL_SPE (Text, 6 chars)

Biology Layers

All of the biological elements may also be mapped as points and lines. The associated attributes will remain the same, ID, RARNUM, and MAPRAR. The convention is to append “PT” (points) or “L” (lines) to the layer name as shown above. As an example, habitats mapped as points would be in the layer HABITATSPT; as a line they would be in HABITATSL. The exceptions to this rule are the mammal layers For these, MAMMAL is reduced to MAM, so terrestrial mammals mapped as points would be in a layer named T_MAMPT; marine mammals mapped as lines would be in M_MAML.