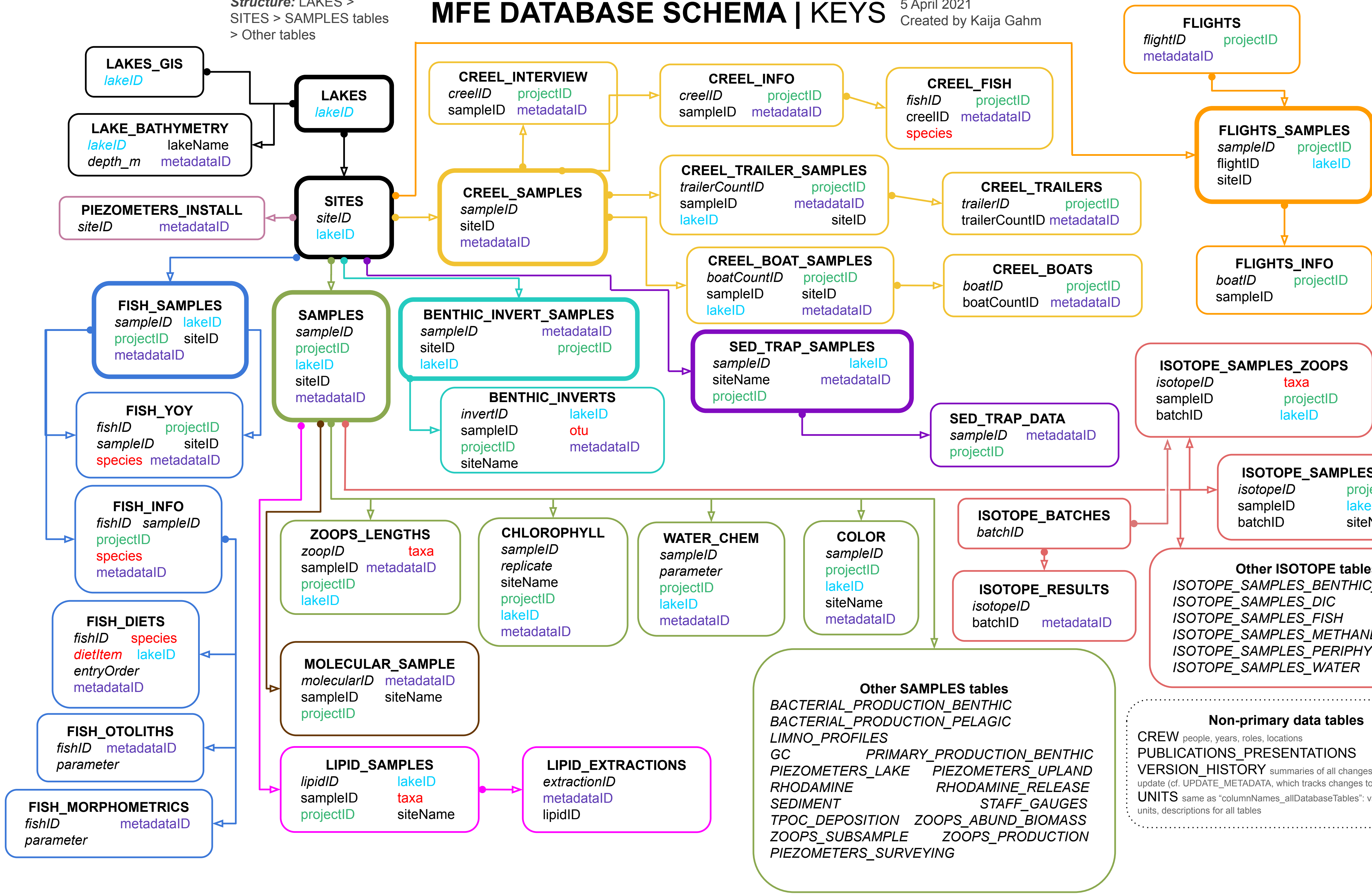


MFE DATABASE SCHEMA | KEYS

5 April 2021
Created by Kaija Gahm

Structure: LAKES >
SITES > SAMPLES tables
> Other tables



- NOTES:
- Variable ID's with matching colors indicate a linkage in the absence of an arrow.
 - Borders/arrows with matching colors indicate groups of tables containing related information (e.g. blue = fish tables; yellow = creel tables). Variable ID colors are not intended to relate to border/arrow colors.
 - Variables listed are *primary* or foreign keys. Non-key variables are omitted. 'updateID' is omitted from the diagram for brevity, though it is a column in all tables. Multiple italicized variables form a composite primary key.
 - Arrows show types of dyadic relationships: a dot indicates "one"; an empty arrowhead indicates "many". In one-to-many relationships, the joining variable is the primary key in the "one" table and a primary or foreign key in the "many" table. In one-to-one relationships, the joining variable is the primary key in both tables.

ZOOPS_COEFFICIENTS
taxa
equations for zoop mass (ug) in terms of body length

OTU
otu
Taxonomic names/groups for organisms

METADATA
metadataID
Documentation of field and lab procedures, sampling, etc.

PROJECTS
projectID
Descriptions, years, personnel, etc. for projects/experiments

UPDATE_METADATA
updateID
Documentation for each table version/update: tracking changes. NOTE: To save space, I haven't listed updateID in each table's column names, but each table should have an 'updateID' column.

DRY_MASS_EQUATIONS
otu
Literature-derived equations for calculating dry mass of inverts etc.

LAB_EXPERIMENTS
Descriptions of experiments conducted in the lab, not represented elsewhere in the database, and links to files.