

Measurements

uuid

lab_name

lab_name unique

measurements_id

file_location

Variable Name example:

Macronutrient: N, P, K

Protein: total protein, ...

lignin, cellulose, ...

dry_weight: measured in say grams

fresh_weight: measured in say grams

For Chemical Traits: Variable Types:

Pigment: Chlorophyll a/b, xanthophylls,

leaf_area, water_thickness, water_content

Micronutrient: Ca, Mg, Zn, Fe, Mo, Cu, Na...

Carbohydrate: Sugars, starches, fiber (maybe

split?) sucrose, glucose, ... amylose, trehalose, ...

Lipid: fat/fatty acids, oils (?), steroids (?), ...

Thermodynamic: metabolizable energy

For Physical Traits: Variable Types: weight, area,

Measurements

measurement_type enum(physical,