## data homogenization processing summary and QC check results: $sev.134.265065\_151026075960510582$ notes included with key file:

| source   | Var_long                                    | var               | var_notes<br>sev.134.265065_151026075960510585 |  |  |
|----------|---|-------------------|--|--|--|
| location | Google Directory                            |                   |  |  |  |
| location | Network (e.g. LTER, CZO, DIRT, NutNet, etc) | network           | LTER   |  |  |
| location | Site code (e.g. LUQ) or name                | $site\_code$      | SEV  |  |  |
| location | Location name                               | location_name     | The Fertilizer Study                           |  |  |
| location | number of treatments                        | number_treatments | control(C), fertilized (high and               |  |  |
|          |   |                   | low; F, H, L) & burned (B). Also,              |  |  |
|          |   |                   | bridges (B) under location =                   |  |  |
|          |   |                   | manipulation to look at erosion.               |  |  |
| profile  | Experimental Level 1(top level)             | L1                | east, west and 'bridges'                       |  |  |
| profile  | Experimental Level 2                        | L2                | modified to get ride of location /             |  |  |
|          |   |                   | block name                                     |  |  |
| profile  | Experimental Level 3                        | L3                | Indicates if sample was taken                  |  |  |
|          |   |                   | under vegetation or in the open,               |  |  |
|          |   |                   | may not be useful, with strings                |  |  |
|          |   |                   | and numerics mixed                             |  |  |
| profile  | $Treatment_1_level$                         | $tx\_L1$          | Treatment of N amendment, or                   |  |  |
|          |   |                   | Fertilized, or burned                          |  |  |
| profile  | Layer Top                                   | layer_top         | added by ww from metadata                      |  |  |

## files processed:

| type             | filename                   |
|------------------|----------------------------|
| provided data    | sev134_nmin_20150610       |
| homogenized data | sev134_nmin_20150610_HMGZD |

## variable conversion

| source   | var       | Var_long                             | $given\_unit$ | $target\_unit$ | factor | varNotes         |
|----------|-----------|--------------------------------------|---------------|----------------|--------|------------------|
| location | anpp      | aboveground net primary productivity | g/m2/y        | gDM/m2/y       | 0.5    | converted        |
| location | map       | Mean Annual<br>Precipitation         | mm            | mm             |        | NOT<br>converted |
| profile  | lyr_loi   | Bulk Layer Loss on<br>Ignition       | %             | percent        |        | NOT<br>converted |
| profile  | layer_bot | Layer Bottom                         | cm            | cm             |        | NOT<br>converted |
| profile  | layer_top | Layer Top                            | $\mathrm{cm}$ | cm             |        | NOT<br>converted |

QC results: location data

location data checks passed

QC results: profile data, data range

profile data range checks passed

QC results: profile data, data type

profile data type checks passed