data homogenization processing summary and QC check results: NEON_periodicRoots_all

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		NEON_periodicRoots_all
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	NEON
profile	Site code (e.g. LUQ) or name	site_code	siteID is the unique location identifier, can be used to join climate data (I already did this)
profile	Location name	location_name	WW created this, also useful to use siteID for location name
profile	Experimental Level 1(top level)	L1	plotID is a unique plot identifier, can be used to join physiographic data (I already did this) and plant data (not done); also, b.d. from initial characterization
profile	root biomass	bgb	raw data are reported as g and devided by core area = g DW/cm2. WW converted data to g/m2 by multiplying raw data * 1e4.
profile	root biomass lower diameter cutoff	bgb_lowerdiam	WW split from "sizeCategory"
profile	root biomass upper diameter cutoff	bgb_upperdiam	WW split from "sizeCategory"
profile	root biomass C	bgb_c	convert to gC/m2 by multiplying bgb by vaues here

files processed:

type	filename
provided data	periodic_roots
homogenized data	periodic_roots_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	bgb_c	root biomass C	%	mg g-1		NOT converted
profile	bgb_n	root biomass N	%	mg g-1		NOT converted
profile	layer_bot	Layer Bottom	cm	cm		NOT converted
profile	layer_top	Layer Top	cm	cm		NOT converted
profile	bgb	root biomass	gDM m-2	gDM m-2		NOT converted
profile	bgb_lowerdiam	root biomass lower diameter cutoff	mm	mm		NOT converted

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	bgb_upperdiam	root biomass upper diameter cutoff	mm	mm		NOT 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