

data homogenization processing summary and QC check results: LUQ elevation gradient soil C and N

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		LUQ elevation gradient soil C and N
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	LUQ
location	Location name	location_name	East Peak elevation gradient
location	Name of Person Entering Data	curator_PersonName	These are for 4 upper elevation forest types in Luquillo. Note that concentrations and mass data are in this file. I am only calling out the mass and nutrient content in this key key.
location	Mean Annual Precipitation	map	sites span elevation gradient, mean value given here
location	Mean Annual Temperature	mat	sites span elevation gradient, mean value given here
location	merging datafiles required? please add details to alignment notes	merge_align	see accompanying files

files processed:

type	filename
provided data	East Peak Soil C and N and Bulk Density.xlsx
homogenized data	East Peak Soil C and N and Bulk Density_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	lyr_soc_stock	Bulk Layer Organic Carbon (CN analyzer) stock	g C m-2	t ha-1	100	converted
location	map	Mean Annual Precipitation	mm	mm		NOT converted
profile	lyr_n_tot	Bulk Layer Total Nitrogen concentration	%	percent		NOT converted
profile	lyr_soc	Bulk Layer Organic Carbon (CN analyzer) concentration, inorganic C removed or not present	%	percent		NOT converted
profile	layer_bot	Layer Bottom	cm	cm		NOT converted

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	layer_top	Layer Top	cm	cm		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