

data homogenization processing summary and QC check results: CWTgradient_forestfloor

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		CWTgradient_forestfloor
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	CWT
location	Location name	location_name	Coweeta basin
profile	Observation Date_1	observation_date_1	year samples were collected
profile	Observation Date_2	observation_date_2	month samples were collected
profile	Bulk Layer Organic Carbon (CN analyzer) stock	lyr_soc_stock	(mass*%C)/900
profile	Bulk Layer Total Nitrogen stock	lyr_n_tot_stock	(mass*%N)/900
profile	Horizon	hzn	Samples were collected using a 30 × 30 cm frame. All forest floor within the 0.09 m2 frame was separated into L, F, and H layers; these layers correspond to Oi, Oe, and Oa horizons as described in soil taxonomy.

files processed:

type	filename
provided data	CWTgradient_forestfloor_all
homogenized data	CWTgradient_forestfloor_all_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
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	lyr_n_tot_stock	Bulk Layer Total Nitrogen stock	g cm-2	g N m-2		NOT converted
profile	lyr_soc_stock	Bulk Layer Organic Carbon (CN analyzer) stock	g cm-2	g C m-2		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