data homogenization processing summary and QC check results: NWT_SnowFence_soils_2015

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		NWT_SnowFence_soils_2015
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	NWT
location	Location name	location_name	Saddle snow fence
location	Treatment initiation	tx_start	64 2 x 2 m plots were placed in dry and mesic sites both within and outside of the snowfence area, so that 4 replicates of each treatment (nitrogen addition, phosphorus addition, nitrogen and phosphorus addition, and control)
location	includes time-series data	time_series	only for AGB data
location	is a gradient study	gradient	vegetation communities show gradients of snow cover
location	includes experimental manipulations	experiments	fertilization (N,P,NP x snow manipulation)
location	merging datafiles required? please add details to alignment notes	merge_align	align on plot
profile	Experimental Level 1(top level)	L1	large heterogeniety in aboitic factors reflected in vegetation communities at site dry, moist, and wet meadow (DM, MM, WM)
profile	Treatment_1_level	tx_L1	in/out of snow fence effects
profile	Treatment_2_level	tx_L2	control, +N, +P, +NP
profile	Horizon	hzn	2 samples / plot 0-10 cm and whole A hzn

files processed:

type	filename
provided data	Copy of saddferb_1.ts.data
provided data	WW_Copy_soils_pH_2015.csv
homogenized data	Copy of saddferb_1_HMGZD
homogenized data	WW_Copy_soils_pH_2015_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	agb	aboveground biomass	g m-2	gDM m-2	0.5	converted
location	map	Mean Annual Precipitation	mm	mm		NOT converted
profile	lyr_n_tot	Bulk Layer Total Nitrogen concentration	%	percent		NOT converted

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source	var	Var_long	given_unit	target_unit	factor	varNotes
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
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