

**data homogenization processing summary and QC check results: PNW\_HJA\_Forest reference stands**

**notes included with key file:**

source	Var_long	var	var_notes
location	Google Directory		PNW_HJA_Forest reference stands
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	HJA
profile	Longitude	long	W. Wieder made negative for W. values
profile	Bulk Layer Organic Carbon (CN analyzer) stock	lyr_soc_stock	LECO Carbon Nitrogen Sulfur analyzer % and bulk density from 0-100 cm used to create Stock
profile	Dominant Plant Species	dominant_species	forest stands
profile	aboveground biomass	agb	sum of Dead branch, Foliage, Stem bark, Stem wood, shrubs, herbs (Mg C ha-1)
profile	root biomass	bgb	sum of Fine roots, Live coarse roots, Dead coarse roots (Mg C ha-1)

**files processed:**

type	filename
provided data	Smithwick_2002_UpperBoundsofCstoresinPNW_a
homogenized data	Smithwick_2002_UpperBoundsofCstoresinPNW_a_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
profile	agb	aboveground biomass	g m-2	t ha-1	100	converted
profile	bgb	root biomass	gDM m-2	t ha-1	200	converted
profile	layer_bot	Layer Bottom	cm	cm		NOT converted
profile	layer_top	Layer Top	cm	cm		NOT converted
profile	map	Mean Annual Precipitation	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