

CONCURRENT III-C - ROOM 290, 10:30 A.M. - 12:15 P.M. HEARST MEMORIAL MINING BUILDING

JOHN LA SALLE, ROBINA SANDERSON, HAMISH HOLEWA, ATLAS OF LIVING AUSTRALIA

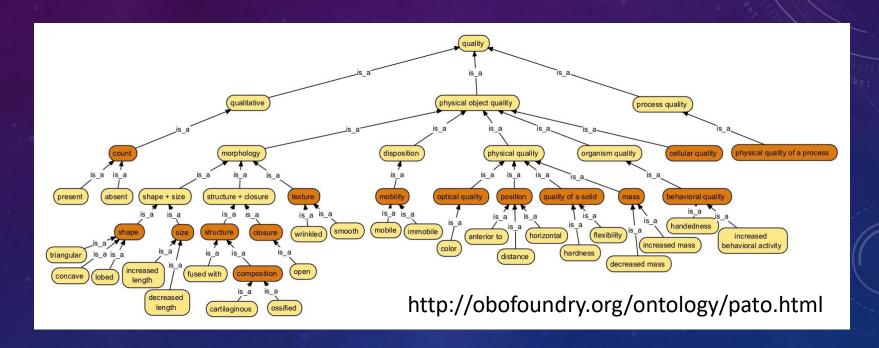
MODERATOR/TIMEKEEPER: MOLLY PHILLIPS

Meeting the research challenges of the Anthropocene

TRAITS -

TRY Data Explorer Output 2018-6-5		
Trait List		
TraitID Trait ObsNum ObsGRNum AccSpecNum		
3124 Aboveground woody biomass per ground area 25 25 1		
2137 Absorptive fine root 12 phenol content per absorptive fine root C content 21 21 1		
2120 Absorptive fine root acid hydrolyzable extractives per absorptive fine root dry mass 105 105	35	
2054 Absorptive fine root arsenic (As) content per absorptive fine root dry mass 18 18 6		
2123 Absorptive fine root bound phenol content per absorptive fine root C content 21 21 1		
2098 Absorptive fine root branching intensity by length: number of root tips devided by total absorptive	204	204 182
2097 Absorptive fine root branching intensity: number of absorptive fine roots per higher order absorptiv	165	165 109
2055 Absorptive fine root cadmium (Cd) content per absorptive fine root dry mass 18 18 6		
2056 Absorptive fine root calcium (Ca) content per absorptive fine root dry mass 82 82 82		
2134 Absorptive fine root carbon (C) content not hydrolyzable in acid extractives per absorptive fine roo	26	26 20
2039 Absorptive fine root carbon (C) content per absorptive fine root dry mass 302 280 153		
2273 Absorptive fine root carbon content per ground area 27 27 3		
2272 Absorptive fine root carbon content per soil dry mass 3 3 1		
2057 Absorptive fine root carbon/nitrogen (C/N) ratio 366 344 202		
2108 Absorptive fine root cellulose carbon (C) per absorptive fine root carbon (C) content 3 3	1	
2058 Absorptive fine root chromium (Cr) content per absorptive fine root dry mass 18 18 6		
2124 Absorptive fine root cinnamyl phenol content per absorptive fine root C content 3 3 1		
2117 Absorptive fine root C1- ion content per absorptive fine root dry mass 6 6 1		
2227 Absorptive fine root color 8 8 4		
2093 Absorptive fine root conduit cell wall thickness 15 15 5		
2086 Absorptive fine root conduit density: number of conduits per stele cross-section area 15 15	5	
2089 Absorptive fine root conduit diameter 21 21 6		
2059 Absorptive fine root copper (Cu) content per absorptive fine root dry mass 18 18 6		
2075 Absorptive fine root cortex thickness 138 132 104		
2287 Absorptive fine root debris decomposition rate constant 8 8 8		
2165 Absorptive fine root decomposition: fraction of absorptive fine root dry mass not decomposed to orig	108	108 16
2038 Absorptive fine root diameter 1093 975 282		
2263 Absorptive fine root dry mass fraction in respective root order 63 63 16		
2133 Absorptive fine root dry mass not hydrolyzable in acid extractives per absorptive fine root dry mass	105	105 35
2051 Absorptive fine root dry mass per ground area 251 227 22		
2135 Absorptive fine root dry mass soluble in nonpolar extractives per absorptive fine root dry mass 105	105	35
2138 Absorptive fine root dry mass soluble in polar extractives per absorptive fine root dry mass 105	105	35
2210 Absorptive fine root dry mass turnover 16 16 2		
2211 Absorptive fine root dry mass turnover rate 2 2 1		
2076 Absorptive fine root exodermal wall thickness 18 8 6		
2077 Absorptive fine root exodermis passage cell frequency per length of absorptive fine root circumferen	18	8 6
2101 Absorptive fine root fractal dimension 34 34 34		
2136 Theoretine fire most fuse phonels contest non character fire most 6 contest 21 21 1		

QUALITY & ATTRIBUTE ONTOLOGY (PATO) 2,713 TERMS



^{*}can be used in conjunction with other ontologies such as the Gene Ontology (GO), an anatomical ontology, or environmental ontology. Examples of qualities are red, ectopic, high temperature, fused, small, edematous and arrested.

TRAIT ANNOTATION WITH ONTOLOGIES

Traits





Taxon	Anatomy	Quality
species 1	Maxilla	large
	Scales	silver
species 2	Head	flat
	Adipose fin	present

Anatomy ontology terms

Quality ontology terms