iDigBio Traits workshop

Discussion Session 60 minutes

Title: Using trait data to support biodiversity research
This session will explore current systems which bring trait data into the digital environment to enable novel research outcomes. It will provide background information and use cases to inform the Wednesday workshop "Next generation biodiversity data: developing an international traits system".
Organisers: John La Salle, Robina Sanderson, Hamish Holewa

Concurrent session agenda

Time	Topic	Speaker	Notes
5 min	Scene setting/ Introduction	Paula Mabee	● Our definition of a trait is very broad and is inclusive - an attribute of a thing ● Traits as an ecosystem rather than individual initiatives - through collaboration and cooperation we will achieve more towards our common goals than individually ● By developing a community of practice and shared goals we present a better funding argument ● Wide range of work in this area and introduction to speakers
7-10 minute short talks	Trait measurement and collation	Rachael Gallagher	Focussing on lessons learnt collating plant traits for AusTraits database
	Trait aggregation and standardisation	Jen Hammock/Katja Schulz	Terms and identifiers and making data interoperable
	Collection of traits to investigate	Pam Soltis	Uses of trait data to support phylogeny and challenges in aggregating traits

	the distribution of plant functional traits across regional-scale phylogenies		
	Genomics	Craig Moritz	New area with new opportunities and challenges
	Species interaction	Jorrit Poelen	Relationships between organisms
5 minute	Wrap up and questions	Paula Mabee	Possible themes from the presentations: ● Diversity of trait data ● Difficulty identifying data sets ● Difficulty standardising and harmonising ● Obstacles to sharing Questions may include: ● What is the value of a traits ecosystem? ● What would it look like? ● Who needs to be involved? ● Where are the current gaps? ● What sort of governance should be involved?