



COLLEMBOLA COLLECTION AND IDENTIFICATION WORKSHOP

IPM Initiative,
Department of Conservation Ecology and Entomology
Stellenbosch University



All topics presented by Dr. Charlene Janion-Scheepers, Iziko South African Museum
(unless stated otherwise)

Monday, 6 Nov 2017 - Venue: JS Marais Building Room 2025

Time	Talk title/Speaker
9:00-10:30	Introduction to soil biota
10:30-11:00	Tea/coffee break
11:00-12:30	Introduction to Collembola: physiology, diet, reproduction and ecology Introduction to Collembola orders and families, with a focus on Collembola of South Africa
12:30-13:30	Lunch break
13:30-15:00	Introduction to Collembola orders and families, with a focus on Collembola of South Africa
15:00-15:30	Tea break
15:30-17:00	Collembola sampling and extraction methods Preparation for field work

Tuesday, 7 Nov 2017 - Venue: JS Marais Building Room 2025

Time	Talk title/Speaker
9:00-14:00	Sampling methods (litter and soil samples, beating): Jonkershoek Nature Reserve – includes a packed lunch for Jonkershoek Nature Reserve
13:00-14:00	Lunch break at Jonkershoek Nature Reserve
14:00-15:15	Laboratory practice: setting up of extraction in the laboratory, processing collected samples
15:30-15:35	Tea break
15:35-17:00	Laboratory practice: setting up of extraction in the laboratory, processing collected samples continued

Wednesday, 8 Nov 2017 – Venue: JS Marais Building Room 2025

Time	Talk title/Speaker
9:00-13:00	Sampling methods (litter and soil samples, beating): Jonkershoek Nature Reserve
13:00-14:00	Lunch Break at Jonkershoek Nature Reserve
14:00-15:15	Laboratory practice: Sorting of samples, floatation technique
15:15-15:35	Tea break
15:35-17:00	Laboratory practice: Sorting of samples, floatation technique continued

Thursday, 9 Nov 2017 – Venue: JS Marais Building Room 2025

Time	Talk title/Speaker
9:00-10:30	Collembola systematics: taxonomic characters
10:30-11:00	Tea/coffee break
11:00-12:30	Slide preparation demonstration
12:30-13:30	Lunch break
13:30-15:00	Laboratory practice: Sorting of samples/slide preparation
15:00-15:30	Tea break
15:30-17:00	Laboratory practice: Sorting of samples/slide preparation

Friday, 10 Nov 2017 – Venue: JS Marais Building Room 2025

Time	Talk title/Speaker
9:00-10:30	Introduction to barcoding Presenter: Ms. Amy Liu
10:30-11:00	Tea/coffee break
11:00-12:30	Laboratory practice: barcoding
12:30-13:30	Lunch break
13:30-15:00	Laboratory practice: group requests
15:00-15:30	Tea break
15:30-16:30	Conclusions