SAAB 50th Conference Programme Outline

14h15 – 15h15

TEA15h45 – 17h00

19h00

Ecology

Ecology



Prof. Wayne Twine 9h15 – 10h30 NRMC Biotechnology Medicinal Plants Ecology Biotechnology TEA 11h00 – 12h30 Physiology Evolution & Medicinal Plants Ecology Biotechnology & Physiology LUNCH Systematics Medicinal Plants Ecology Biotechnology & Physiology	RHINO HALL
Prof. Wayne Twine 9h15 - 10h30 NRMC Biotechnology Medicinal Plants Ecology Biotechnology TEA 11h00 - 12h30 Physiology Evolution & Medicinal Plants Ecology Biotechnology & Physiology LUNCH 13h30 - 14h15 Pollination Biology Medicinal Plants Evolution & NRMC & Systematics TEA 15h45 - 17h00 Pollination Biology Medicinal Plants Ecology Systematics Biotechnology Systematics Biotechnology Medicinal Plants Ecology — 17h15 - 18h30 POSTER SESSION (Outside RHINO HALL) STUDENT FUNCTION (RHIND HALL) THURSDAY 3 July HONGONYI PHIVU RHINO HALL 8h20 - 9h10 PLENARY SESSION Prof. Andrew Leitch	WILL O LIVE
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TEA 11h00 – 12h30 Physiology Evolution & Medicinal Plants Ecology & Physiology LUNCH 13h30 – 14h15 Pollination Biology Medicinal Plants Evolution & Systematics Prof. Itumeleng Moroenyane 14h15 – 15 h15 Pollination Biology Medicinal Plants Evolution & Systematics Biotechnology TEA 15h45 – 17h00 Pollination Biology Medicinal Plants Ecology — 17h15 – 18h30 POSTER SESSION (Outside RHINO HALL) STUDENT FUNCTION (RHIND HALL) THURSDAY 3 July HONGONYI PHIVU RHINO HALL 8h20 – 9h10 PLENARY SESSION Prof. Andrew Leitch	Dr. Ilia Leitch
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Systematics LUNCH 13h30 – 14h15 Plenary Session: Prof. Itumeleng Moroenyane 14h15 – 15 h15 Pollination Biology TEA 15h45 – 17h00 Pollination Biology Poster Session (Outside RHINO HALL) THURSDAY 3 July HONGONYI Phivu RHINO HALL 8h20 – 9h10 Systematics Revolution & NRMC & Biotechnology Medicinal Plants Ecology Tecology Student Function (RHINO HALL) Plenary Session Prof. Andrew Leitch	
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8h20 – 9h10 PLENARY SESSION Prof. Andrew Leitch	
Prof. Andrew Leitch	
9h15 – 10h30 SAAB AGM	
TEA	
11h00 – 12h30 Evolution & — Physiology	
Systematics	
LUNCH	
13h30 – 14h15 — PLENARY SESSION:	
Dr. Edith Singini	

Physiology

Physiology

GALA DINNER

SAAB 50th Conference Programme



			TUESDAY				
8.20-9.10	Prof Wayne Twine A synthesis of 32 years of "people and plants" research at the Wits Rural Facility (Rhino Hall)						
Hong	gonyi	Speaker	Title	Phivu	Speaker	Title	
9h15- 9h30		C. Geldenhuys	Observations of demographic changes in eight populations of <i>Aloidendron dichotomum</i> over a 14-year continuous survey period		E. Badenhorst	Optimisation of an enzyme-linked immunosorbent assay for the biochemical characterisation of the plant cell wall & automation of data processing	
9h30- 9h45		T. Swemmer	Life after plantations: Long-term vegetation dynamics reveal passive restoration of montane grasslands in South Africa		T. Wallace	Controlling Fusarium oxysporum: Mechanistic investigation of caffeic acid against crown and root rot	
9h45- 10h00	NRMC	J. Fisher	Best practice for mapping aboveground carbon in Afrotemperate forests	ВІОТЕСН	L. Trerise	Mechanistic insight into the antifungal potential of gallic acid against <i>Fusarium oxysporum</i>	
10h00- 10h15		M. Tshisikhawe	Non-timber forest products of Hamutsha Village in Makhado Local Municipality, Limpopo Province		L. Mula	Athrobacter sp. isolated from Hordeum marinum improves wheat tolerance to salinity by inducing ascorbate peroxidase and catalase activities	
10h15- 10h30		A. Engelen	Poaching exacerbates the effects of climate change on the long-term viability of an endemic South African succulent plant species		A.E.E. Ali	Physiological and proteomic responses of contrasting soybean genotypes to combined drought and salinity stress	
Rhine	o Hall	Speaker	Title				
9h15- 9h30		N. Debeila	Characterization of phytochemical constituents and phytopharmacological activities of the South African freshwater medicinal plant Cyperus laevigatus			SAAB 2025	
9h30- 9h45		C. Mooki	Exploring the antidepressant mechanisms of Leonotis leonurus (L.) R. Br through network pharmacology and molecular docking				
9h45- 10h00	MED PLNT	A. Mpungose	Indigenous knowledge on the uses and morphological variation among <i>Strychnos gerrardii</i> N.E.Br. morphotypes at Emkhandlwini area, KwaZulu-Natal, South Africa				
10h00- 10h15		K. Dolezal	What orangutans can teach us: plants used for self-medication as a potential source of bioactive substances with antiparasitic activity			Wits Rural	
10h15- 10h30		A. Raghoonanadan	Fungal intruders meet floral enforcers: The Pelargonium Showdown			50 th Conference	
10h30	-11h00			TEA			

			TUESDAY	continued		
Hong	gonyi	Speaker	Title	Phivu	Speaker	Title
11h00 - 11h15		N. Ndhlovu	Protection of photosystem II from photoinhibition in the mosses <i>Atrigum</i> androgynum and <i>Dicranella subsulata</i>		B. du Preez	Toward a revision of the genus <i>Indigofera</i> in South Africa – six years of progress
11h15 - 11h30		N. Ntjabane	Invertase mediates <i>Puccinia triticina</i> proliferation, leading to cell wall collapse in susceptible wheat		Z. Shaik	Phylogeny inference under time-decaying migration
11h30 - 11h45	PHYS	T. Khuzwayo	Short-turn effects on non-photochemical quenching of a combined light and chilling stress in Lichens	EVOL &	D. Berger	Molecular systematics of the endemic tree genus <i>Greyia</i> – novel DNA barcodes
11h45 - 12h00	PHIS	T. Mathabe	Plant Defence Plasticity: Investigating changes in chemical defence under varying abiotic stress conditions in African savanna grass species	SYST	M. Jackson	The systematics of <i>Nemesia</i> (Scrophulariaceae)
12h00 - 12h15		EUCA	Advancements in gas exchange: The Dynamic Assimilation Technique		S. Boatwright	Systematic studies of <i>Argyrolobium</i> (Genisteae, Fabaceae)
12h15 - 12h30					K. Mengel	Lineage diversification and long-term preservation in the Greater Cape Floristic Region
Rhino	Hall	Speaker	Title			
11h00- 11h15		A. Ndhlala	Indigenous monkey orange (<i>Strychnos spinosa</i> Lam.) fruit as an ingredient to develop a healthy fermented wine beverage			SAAB 2025
11h15- 11h30		A. Dumani	Effect of propagation techniques on the seedling establishment of medicinal cannabis (<i>Cannabis sativa</i>) found in Lusikisiki, Eastern Cape, South Africa			
11h30- 11h45	MED	B. Mpambani	Medicinal plants used for the management of various ailments and disorders in the Eastern Cape, South Africa: A review			
11h45- 12h00	PLANT	B-E. van Wyk	An updated review of ethnobotanical studies in South Africa			
12h00- 12h15		B. Ramagoma	Exploring plant-derived alternatives for sustainable bovine mastitis management: compound isolation and nanotechnology application			Wits Rural 50th Conference
12h15- 12h30		R. Basirat Olabisi	Ethnobotanical knowledge and cross-cultural utilisation of plants in Southwestern Nigeria: Insights from Ogun, Oyo, and Ondo States			
12h30-	-13h30			LUNCH		

			TUESDAY c	ontinued		
13h30-14h15 Prof. Itumeleng Moroenyane, From Holobionts to Resilient Crops through Evolutionary Systems Biology for African Agriculture (Rhino						
Hong	gonyi	Speaker	Title	Phivu	Speaker	Title
14h15- 14h30		R. Cozien	Different strokes for different folks: Floral trait differences among pollination ecotypes reflect characteristics of contrasting pollinators		K.T. Moloi	Mapping the current and future distribution of invasive alien shrubs in South Africa's high-elevation grasslands
14h30- 14h45	POLL	S. McCarren	Sex-specific negative frequency-dependent selection maintains equal morph ratios of mirror-image flowers	INIV DIOI	S. Maharaj	Evaluating the water use of Arundo donax and Phragmites australis from leaf to stand level
14h45- 15h00	BIO	V. Roetger	Plant-pollinator networks along an altitudinal gradient in the Drakensberg Mountain Centre – observation and pollen-based networks	INV BIOL	Z. Sithole	Cryptic invasion of <i>Rosa</i> species in the grassland biome of South Africa
15h00- 15h15		L. Buthelezi	Using cut flowers in pollination experiments: an investigation of the effects on volatile emissions and pollinator attraction		G. Tarcali	Control options of chestnut blight disease caused by Cryphonectria parasitica in Hungary
Rhino	o Hall	Speaker	Title			4220-
14h15- 14h30		O. Adeleye	Alpha-amylase inhibitory activity of the plant extracts obtained from <i>Portulacaria afra</i> Jack. grown under concurrent extreme temperatures and water-deficit conditions			
14h30- 14h45	MED PLNT	C. Naidoo	In vitro evaluation of antibacterial activity and associated cytotoxicity of biogenic silver nanoparticles using various extracts of Tabernaemontana ventricosa			
14h45- 15h00		C. A. Namhla	Antifungal activity of the endophytic fungi associated with the medicinal plant <i>Nicotiana</i> tabacum from South Africa			
15h00- 15h15		T. Chokoe	Phenolic metabolite profiling of <i>Moringa</i> oleifera waste extracts: influence of drying methods and solvent extraction			50 th Conference
15h15	-15h45			TEA		

	TUESDAY continued									
Hong	gonyi	Speaker	Title	Phivu	Speaker	Title				
15h45- 16h00		S. Moodley	Pollinators, Floral Traits, and Timing: Unravelling plant community dynamics		L. Sedibana	Random Forest machine learning and field spectroscopy to discriminate <i>Equisetum hyemale</i> L. (Snake grass) from morphologically similar species and co-existing species				
16h00- 16h15		G. Cron	Hue's pollinating who? Floral variation and pollinator efficacy in three grass aloes		M. Mutengwe	Reproductive and seed-germination ecology of the invasive alien woody <i>Calotropis procera</i> (Aiton) dryand, in the Vhembe Biosphere Reserve, South Africa				
16h15- 16h30	POLL BIO	T. van der Niet	Myths about moths: recent advances in our understanding of hawkmoth pollination in South Africa	INV BIOL	D. Tlaamela	Ensemble model-guided survey of <i>Populus alba</i> L. in Limpopo Province, South Africa				
16h30- 16h45		B. Pearson	Interfamilial floral colour preferences amongst South African butterfly families: Are butterfly pollination syndromes consistent across families?		L. Adams	Fleshy-fruited invasive alien shrub populations change over time along roadsides of South African grasslands				
16h45- 17h00		J. Berry	Development of a colorimetric stigma receptivity assay and the evaluation of stigma receptivity across various plants		M.S. Rabi'atu	In vivo management of fungal diseases of carrot using seed extracts of Azadirachta indica, Ricinius comunis and Eucalyptus camaldulensis				
Rhino	Hall	Speaker	Title							
15h45- 16h00		M. Jimoh	Nutraceutical potential of underutilized Trianthema portulacastrum L. (Aizoaceae)							
16h00- 16h15		J. Mwinga	A survey of botanicals used by subsistence farmers to manage plant diseases in Madibeng Local Municipality, South Africa							
16h15- 16h30	MED PLANT	S. Lehasa	Investigating the in-vitro anti-inflammatory and anti-cancer activity on the tuber of Dioscorea sylvatica							
16h30- 16h45	PLANT	E. le Roux	Roots with Riches: Unveiling the chemical complexity of South African <i>Withania</i> somnifera							
16h45- 17h00		T. Mpolokeng	Ethnoveterinary practices of medicinal plants used for livestock management in selected district Municipality of North-West Province, South Africa			Wits Rural 50 th Conference				
	POSTER SESSION 17h15 – 18h30									

			WED	NESDAY		
8.20)-9.10		Dr. Ilia Leitch, Plant genome size diversity an	d how this i	mpacts evolut	tion, distribution, and survival (Rhino Hall)
Hon	gonyi	Speaker	Title	Phivu	Speaker	Title
9h15- 9h30		M. Mbazo	Quantifying the effects of multiple disturbances on woody plant cover in a Marula-Knobthorn savanna		B. Mabotja	Improving vitro propagation of <i>Thymus vulgaris</i> : A step towards sustainable production
9h30- 9h45		N. Ndamane	Ecological impact of <i>Leucosidea sericea</i> encroachment in high-altitude grassland of the Eastern Cape, South Africa		R. Mhari	Improvement of sorghum tolerance to drought using rhizospheric bacteria
9h45- 10h00	ECOL	D. Izaaks	Geographic distribution and environmental correlates of ploidy in the Cape <i>Oxalis hirta</i> L. (Oxalidaceae) species complex	ВІОТЕСН	S. Mpai	Evaluating the impact of deficit irrigation on bioactive compounds, UPLC-MS metabolites and antioxidant activities of <i>Artimesia afra</i> using a chemometric tool of analysis
10h00- 10h15		A. Theron	Do nutrient poor soils select against large genome sizes?		M. Voko	Mitigating nutrient stress in <i>Sutherlandia frutescens</i> (L.) R.Br. using cytokinin oxidase/dehydrogenase inhibitors
10h15- 10h30		H. Niemann	Kindling Polyploidy: Experimental evidence that fire compounds induce diploid gametes in a geophyte		W. Mnafgui	Mitigation of nutrient stress in <i>Hordeum marinum</i> via intercropping with alfalfa: insights from physiological and metabolomic analyses
Rhin	o Hall	Speaker	Title			
9h15- 9h30		R. Oyerinde	Preliminary phytochemical screening and antioxidant potential of <i>Bulbine inflata</i> (Asphodelaceae)			
9h30- 9h45		R. Rattray	Aromatic plants of the Cape fynbos: a neglected resource in essential oil research			
9h45- 10h00	MED PLANT	S. Sabiu	An appraisal of the South African antibacterial plants and their computational bioprospection for putative leads against <i>Staphylococcus aureus</i> penicillin-binding protein 2a and betalactamase			
10h00- 10h15		S. Shaik	Conserving South Africa's iconic and critically endangered African wild ginger, Siphonochilus aethiopicus			
10h15- 10h30		K.N. Shai	Phytochemical and antifungal effect of botanicals used traditionally for managing fungal pathogens in Mpumalanga Province, South Africa			50™ Conference
10h30	0-11h00			TEA		

			Wednesda	y continu	ed	
Hong	onyi	Speaker	Title	Phivu	Speaker	Title
11h00- 11h15		F. Siebert	Restoring old-growth grasslands with geophytes seems possible but remains species-specific		T. Masetlana	Soil legacy drives drought resilience in <i>Lessertia frutescens</i> and <i>Glycine max</i> : metabolomic and functional insights from fynbos microbiomes
11h15- 11h30		A. Tiawoun	Over half of the phylogenetic diversity accumulated on the African plant tree of life may be eroded under current biodiversity crisis		M. Hess	Decoding the morpho-physio-biochemical response mechanisms of <i>Phaseolus vulgaris</i> L. to waterlogging and <i>Fusarium oxysporum</i> infection
11h30- 11h45		A. le Roux	Invertebrate assemblages and vegetation dynamics in high elevation wetlands of the Eastern Escarpment, South Africa	BIOTECH	T. Ajewole	Study on the expression of drought tolerant genes in water-stressed <i>Basella alba</i> and <i>Basella rubra</i>
11h45- 12h00	ECOL	V.C. Clarke	From marshes to mines: Assessing the distribution, germination and establishment of <i>Crinum bulbispermum</i> for mine restoration	& PHYS	S. Nkosi	Effects of seaweed <i>Ecklonia maxima</i> (Osbeck) Papenfuss and <i>Ascophyllum nodosum</i> (L.) Le Jolis-based biostimulants on maize seed germination and seedling growth under salinity stress
12h00- 12h15		E. Slooten	Subtropical grassland root-to-shoot ratios and carbon estimates: why global averages fall short		A. Magadelela	Mitigating soil sodicity in irrigated sugarcane plantations with <i>Canavalia rosea</i> : a pot experiment
12h15- 12h30		D. Veldkornet	Environmental heterogeneity as a driver of species and phylogenetic diversity in coastal salt marshes		EUCA	Photosynthetic measurements: Common pitfalls and how to avoid them
Rhino	Hall	Speaker	Title			
11h00- 11h15		M. Mabuza	In vitro antiplasmodial, antigonococcal, and cytotoxicity activity of South African <i>Ziziphus</i> Mill. (Rhamnaceae) species			SAAB 2025
11h15- 11h30		M. Chakale	Quantitative ethnobotanical survey of medicinal plants used to manage andrological conditions in the North-West Province, South Africa			
11h30- 11h45	MED	P. Mohlake	Traditional medicinal plants used in livestock health management in Namahadi district, Free State, South Africa			
11h45- 12h00	PLANT	G. Mokganya	Ethnobotanical practices of medicinal plant use for skin issues in Limpopo's rural village			
12h00- 12h15		T. Powell	Metabolomics-guided screening of chosen southern African plants for antifungal candidates with a specific focus on the FBA-II covalent inhibitor			Wits Rural 50th Conference
12h15- 12h30		N. Masondo	Livestock husbandry in the Batswana communities: Evidence-based research on medicinal plants used in livestock practices			
12h30-	13h30			LUNCH		

	Wednesday continued								
13h30-	14h15	Thaabiet Parke	er, How do we build evolutionarily realistic but usal	ble taxonon	nies? Asteraceae	as a case study (Rhino Hall)			
Hong	onyi	Speaker	Title	Phivu	Speaker	Title			
14h15- 14h30		T. van der Niet	The evolution of the <i>Satyrium longicauda</i> species complex: combining field observations and phylogenetic inference to study pollinator driven diversification		K. Yessoufou	Whilst the gymnosperm tree of life may survive the ongoing biodiversity crisis, the angiosperm tree of life may not			
14h30- 14h45	EVOL	R. F. de Almeida	Historical biogeography of <i>Acridocarpus</i> (Malpighiaceae) evidence the Miocene origins dof Malagasy savannas	NRMC &	A. Ndlovu	Mitigating microbial dysbiosis under environmental stress: engineering plant-microbe interactions for sustainable remediation			
14h45- 15h00	& SYST	K. Sadiki	A first DNA barcoding attempt on the African cycad pollinator Erotylidae reveals more than a single species pollinates the cycad genus <i>Encephalartos</i> in South Africa	BIOTECH	M.J. Koetle	Optimizing <i>in vitro</i> propagation and agronomic performance of three ARC hemp (<i>Cannabis sativa</i>) lines for enhanced yield and cannabinoid production			
15h00- 15h15		S.E. Mnxati	Historical biogeography of <i>Dianthus</i> (Caryophyllaceae) reveals several colonization events to Africa from a European ancestor		A. Klein	Nanoparticle-Based Strategies for Controlling Alternaria alternata: A Step Towards Sustainable Crop Protection			
Rhino	Hall	Speaker	Title						
14h15- 14h30		S. Modibedi	Investigating the use of <i>Hermannia geniculata</i> leaves for the presence of anticancer induced inflammation						
14h30- 14h45	.455	N.T. Nemadandila	An investigation of ethnobotanical utilization of Indigenous plants of Tshivhilidulu village in Limpopo Province, South Africa						
14h45- 15h00	MED PLNT	S. Ndwandwe	Anti-inflammatory, anti-neuraminidase and cytotoxicity evaluation of selected medicinal plants traditionally used for the treatment of respiratory viral infections						
15h00- 15h15		K.I. Nko	Establishing the use-pattern of wild edible plants among the Batswana in Ngaka Modiri Molema District, South Africa			Wits Rural 50 th Conference			
15h15-	15h45			TEA					

	Wednesday continued									
Hong	gonyi	Speaker	Title	Rhino Hall	Speaker	Title				
15h45- 16h00		S. Kremer- Köhne	Reduced reproductive output in small and isolated populations of the bird-pollinated <i>Aloe lettyae</i> , an endangered South African grassland endemic		N. Nkosi	Phytochemical variability in <i>Laggera alata and Laggera</i> crispata forms from southern Africa				
16h00- 16h15		Y. Steyn	Fire frequency effects on germinability of grasses and forbs in a semi-arid savanna		N. Shikwambana	Antimicrobial activity and anti-inflammatory activity of medicinal plants used in ethnoveterinary remedies for gastrointestinal illnesses				
16h15- 16h30	ECOL	T. S. Maponga	Comparisons of mistletoe host species and densities between communal rangelands and protected areas in a semi-arid African savanna	MED PLANT	S. Mswane	Assessing the antifungal activity of selected medicinal plants against economically important plant pathogens				
16h30- 16h45		L. Kruger	The future of savanna trees: Understanding the influence of elephants, fire and land use change on large tree demography		S. Chauke	In vitro antibacterial and antioxidant activity of the leaves of Indigenous fruit species from Mpumalanga province, South Africa				
16h45- 17h00		T. Bud bank dynamics under fire-herbivory Ramalevha disturbances drive African savanna resilier	Bud bank dynamics under fire-herbivory disturbances drive African savanna resilience		T. Buthelezi	Ethnobotanical survey of medicinal plants used for managing mental health conditions in Mahikeng				
			STUDENT FUN	ICTION @ 17h	15					

			THU	IRSDAY						
8.30)-9.10	Prof Andrew Leitch, Ecological processes acting on grassland plant species dependant on their genome sizes (Rhino Hall)								
9.15-	-10.30	SAAB AGM								
10.30	-11.00	TEA								
Hong	gonyi	Speaker	Title	Rhino Hall	Speaker	Title				
11h00- 11h15		L. Joubert	New additions to the <i>Nemesia</i> lineage from the Succulent Karoo		T. Masetlana	Soil legacy drives drought resilience in <i>Lessertia</i> frutescens and Glycine max: Metabolomic and functional insights from Fynbos microbiomes				
11h15- 11h30		L. Mbongwe	Genetic diversity and population structure of Strychnos madagascariensis: Insights for conservation and sustainable utilization		T. Mokgalabone	Comprehensive assessment of variation in physicochemical properties and bioactive compounds among <i>Strychnos spinosa</i> Lam. fruit accessions				
11h30- 11h45	EVOL &	M. Moir	An exploration of the abiotic and biotic drivers associated with geographic structuring of floral colour variation in <i>Pauridia capensis</i>	510/6	M. Moloi	Differential responses of edamame cultivars to high temperature: insights into photosynthesis and chloroplast ultrastructure				
11h45- 12h00	SYST	N. Moiloa	A phylogenomic study of southern African members of <i>Silene</i> Section <i>Elisanthe</i> (Caryophyllaceae)	PHYS	R.C. Magabe	Effects of the meter square ultra-high density planting technology on yield and phyto-nutritional composition of <i>Moringa oleifera</i>				
12h00- 12h15		M.O.O. Pellegrini	Commelinales Working Group: turning a new taxonomic leaf		M. Sekhurwane	The influence of selenium soil application on osmolytes and their relationship with photosynthesis efficiency in edamame under severe water stress				
12h15- 12h30		M.C Moshobane	SAJB's contribution to botanical research in southern Africa: Bibliometric analysis							
12h30)-13h30	LUNCH								
13h30)-14h15	Dr Edith Singini, Is CO2-enhanced photosynthesis the key to encroachment success? (Rhino Hall)								
Hong	gonyi	Speaker	Title	Rhino Hall	Speaker	Title				
14h15- 14h30		J. Marcelo- Silva	Potentially toxic metal(loid)s transfer in a tri- trophic ultramafic system		L. Maseko	Can insights from plant histology reveal a role of nutrient supplementation in promoting plant chloride tolerance?				
14h30- 14h45	ECOL	K. Murray	Using radiocarbon dating to assess maximum longevity in the arborescent monocot, <i>Aloidendron dichotomum</i> (Masson) Klopper & Gideon F.Sm.	PHYS	C.W.E.C. Boshoff	The growth potential of Kenaf (Hibiscus cannabinus) on coal tailings in South Africa				
14h45- 15h00		N. Mngomezulu	The comprehensive assessment of plant species richness and habitat distribution in Cape Inland Salt Pans	FIIIS	B. Tóth	Assessing crop responses to stressors in a changing climate				
15h00- 15h15		M. Ramabu	Effects of mechanical control on <i>Pteridium</i> aquilinum and restoration of Woodbush Granite Grassland		C. Rheeder	Phytochemical analysis of South African <i>Crocosmia</i> species for Type 2 Diabetes Treatment				
15h15	-15h45			TEA						

	Thursday continued									
Hong	gonyi	Speaker	Title	Rhino Hall	Speaker	Title				
15h45- 16h00		N. Marneweck	Assessing the effects of the invasive house mouse on the flora of Marion Island		E. Ramsay	Comparative photosynthesis and gas exchange traits of seedlings of selected <i>Eucalyptus</i> species: A South African Perspective				
16h00- 16h15		T. Kgomo	Temporal and spatial distribution of vegetation fires in the Robertson Granite Renosterveld from 2000 to 2024		J. Botes	Determining the molecular basis of the rare white- flowering <i>Greyia sutherlandii</i> phenotype				
16h15- 16h30	ECOL	M. Mamathaba	Early life stages matter to the rescue of a long- lived plant from the consequences of lethal root harvest in South Africa	PHYS	B.M. Khoza	Investigating the effect of cysteine derivatives on the physio-biochemical responses of edamame under drought stress				
16h30- 16h45		O.A. Idris	Spatial patterns and drivers of plant diversity in the Witsieshoek Valley, Drakensberg Mountains, South Africa		M.S. Mafa	Inhibition of key carbohydrate metabolism enzymes improves wheat acclimatisation to osmotic stress				
16h45- 17h00										
171100	17h00 19h00 GALA DINNER									



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