

Education

- MSc candidate** in Biological Sciences (UCT¹) 2018—
Genome-size effects on plant hydraulic ecophysiology, habitat & phenology in Cape schoenoid sedges
 Principle supervisor: A/Prof A.M. Muasya. Co-supervisors: A/Prof G.A. Verboom & A/Prof A.G. West
- BSc Hons** in Biological Sciences (UCT)—Graduated with distinction 2017
Relating vascular plant species richness & environmental heterogeneity spatially in the GCFR & SWAFR
 Supervisors: Prof M.D. Cramer & A/Prof G.A. Verboom

Publications

- Elliott, T.L., Laidler, G., Muasya, A.M., Muthaphuli, N. & **van Mazijk, R.** (In press). Foregrounding sedges: bringing the neglected Cape Schoenoid sedges to the forefront of genomic research. *Veld & Flora*. (Popular article)
- Cramer, M.D., Wootton, L.M., **van Mazijk, R.** & Verboom, G.A. (In review). Improved spatial soil data confirms dependence of vegetation distribution on edaphic properties in the Cape biodiversity hotspot. *Divers. Distrib.*
- Van Mazijk, R.**, Cramer, M.D. & Verboom, G.A. (In prep.). The role of environmental heterogeneity in determining plant species richness in the GCFR & SWAFR. *J. Biogeogr.*
- Van Mazijk, R.**, Smyth, L.K., Weideman, E.A. & West, A.G. (2018). Isotopic tracing of stormwater in the urban Liesbeek River. *Water SA* 44(4):674–679. DOI: 10.4314/wsa.v44i4.16.

Funding & awards

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| Best Systematics MSc Presentation at SAAB ² -AMA ³ -SASSB ⁴ IVXV ⁵ (tie) | 2019 |
| Innovation Masters Scholarship (DST ⁶ -NRF ⁷) | 2019 |
| MSc Student Bursary (inaugural recipient) (SAAB) | 2018–2019 |
| Once-Off Award (UCT) | 2018 |
| Travel grant for SAAB-AMA-SASSB IVXV (UCT) | 2018 |
| Dorothy Cameron Scholarship (UCT) | 2018 |
| Masters Research Scholarship (UCT) | 2018 |
| Innovation Honours Scholarship (DST-NRF) | 2017 |
| Honours Scholarship (SAAB) | 2017 |
| Science Faculty Scholarship (UCT) | 2015–2016 |

Total ca. US\$18,800 or €16,800

Teaching assistance All undergrad. courses unless stated

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| Teaching Biodiversity for High School Life Science Teachers (SDU ⁸ short course) | 2019 |
| Ecology & evolution | 2019— |
| Angiosperm diversity | 2018— |
| Scientific study design & data analysis in R | 2017— |
| Statistical modelling in R (SEEC ⁹ -ACCESS ¹⁰ short course) | 2018 |
| Introductory statistics in R | 2016–2018 |
| Mathematics for biology, earth & environmental sci. | 2015 |

Professional affiliations

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| SASSB council member, student representative | 2019— |
| SAAB student member | 2017— |

References All from the Dept. Biological Sciences (UCT)

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| Prof M.D. Cramer | michael.cramer@uct.ac.za | (+27) 21 650 2444 |
| A/Prof A.M. Muasya | muthama.muasya@uct.ac.za | (+27) 21 650 3725 |
| A/Prof A.G. West | adam.west@uct.ac.za | (+27) 21 650 3628 |

¹University of Cape Town

²South African Association of Botanists

³African Mycological Association

⁴Southern African Society for Systematic Biology

⁵45th Annual SAAB, AMA & SASSB Joint Congress

⁶Department of Science & Technology (South Africa)

⁷National Research Foundation (South Africa)

⁸Schools Development Unit (UCT)

⁹Centre for Statistics in Ecology, the Environment & Conservation (UCT)

¹⁰DST-NRF Applied Centre for Climate & Earth Systems