

## Personal details

Full Name Marco Giuseppe Balducci  
DOB 16 September 1990  
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## Education

### Completed Degree and Institution

2008 Matric, Pretoria Boys High School, Pretoria, Gauteng, South Africa  
2011 B.Sc. Ecology, University of Pretoria, Pretoria, South Africa  
2015 B.Sc. (Hons) Plant Science, University of Pretoria, Pretoria, South Africa  
2018 M.Sc Botany (Pollination Biology), University of KwaZulu-Natal, Pietermaritzburg, South Africa

## Memberships & Certificates

SACNASP Candidate in Ecological Science (Registration Number: 122006)  
South African Association of Botanists (2015 – 2017)  
SAEON Graduate Student Network Membership (2015 – current)  
Golden Key International Honour Society (2019)

## Publications & Contributions

Balducci, M.G., Van der Niet, T. and Johnson S.D. In Revision. Diel scent and nectar rhythms of an African orchid in relation to activity patterns of hawkmoth pollinators. *American Journal of Botany*

Balducci, M.G., Martins, D.J. and Johnson S.D. 2019. Pollination of the long-spurred African terrestrial orchid *Bonatea steudneri* by long-tongued hawkmoths, notably *Xanthopan morgani*. *Plant Systematics and Evolution*

Balducci, M.G., Van der Niet, T. and Johnson S.D. 2019. Butterfly pollination of *Bonatea cassidea* (Orchidaceae): solving a puzzle from the Darwin era. *South African Journal of Botany*

Johnson, S.D., **Balducci, M.G.** and Shuttleworth, A. 2019. Hawkmoth pollination of the grassland orchid *Habenaria clavata*: mechanical wing guides and chemical ecology. *Biological Journal of the Linnean Society*

Johnson, S.D. **Balducci, M.G.**, Bijl, A., Castenada, M., Cozien, R., Ortmann, C. and Van der Niet, T. 2019. From dusk till dawn: the periodicity of nectar feeding in wild hawkmoths. *Ecological Entomology*.

## Conferences

Balducci MG, Greve M, Kern L, Le Roux PC. Evaluating reproductive-size threshold, germination, seed viability and dispersal potential of *Cryptostegia grandiflora*. South African Association of Botanists congress. 11 – 15 January 2016. Bloemfontein, South Africa

Balducci MG, van der Niet T, Johnson SD. Night and Day: Specialized and diverse forms of Lepidopteran pollination in the orchid genus *Bonatea*. Wild Orchids of Southern Africa (WOSA) conference. 19 – 21 January 2018. Dullstrom, South Africa

## Employment & work-related experiences

2018 - present General and Field assistant at Enviro-Insight CC  
2015 Tutor for first year Botany module (BOT 161), University of Pretoria  
2015 Mentoring third year student as part of mentorship programme, Department of Plant Science, University of Pretoria  
2014 Fieldwork at Mogalakwena Nature Reserve (Limpopo) assisting a M.Sc student with data collection

Marco Balducci

## Key areas of expertise

Botany, Pollination Biology

## Language skills

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Good	Good	Good
Italian	Basic	Basic	None

## References

- Dr Peter le Roux (Hons Supervisor at UP)  
Email: [peter.c.leroux@gmail.com](mailto:peter.c.leroux@gmail.com)
- Prof. Steven Johnson (M.Sc. Supervisor at UKZN)  
Email: [johnsonsd@ukzn.ac.za](mailto:johnsonsd@ukzn.ac.za)
- Dr. Timo Van Der Niet (M.Sc. Supervisor at UKZN)  
Email: [vdniet@gmail.com](mailto:vdniet@gmail.com)

## Project Experience

Please turn over >>>

Marco Balducci

## Project Experience

For further details please contact me directly under [marco@enviro-insight.co.za](mailto:marco@enviro-insight.co.za)

Time span	Nature of project	Capacity	Industry / Sector	Client / Developer	Country (Province)
2019	Ecological Baseline Update & Environmental Rehabilitation and Monitoring Plan	Assistant to Botanist/ Aquatic Ecologist	Mining / Gold	ERM / African Barrick Gold	Tanzania
2019	Tedderfield Powerline	Botanist	Energy / Transmission	MGTD Environmental / Tin Can Man (PTY Ltd	South Africa (Gauteng)
2019	Bronberg Ridge Development	Botanist	Development / Housing	Eddy Marais / Private	South Africa (Gauteng)
2019	Dunbar Mining Right Application and EIA	Botanist	Mining / Coal	Vandabyte (Pty) Ltd / INSA Coal	South Africa (Mpumalanga)
2019	Wetland Delineation	Assistant to Aquatic Ecologist	Development	Nali Sustainability Solutions	South Africa (Gauteng)
2019	Biological Monitoring	Assistant to Ecologist/Aquatic Ecologist	Mining / Coal	Impacto	Mozambique (Tete)
2019	Tree marking/ Walkdown	Assistant to Botanist	Development	Advisian/ ESKOM	South Africa (Limpopo)
2019	Welgedacht Prospecting Right Application and Basic Assessment	Assistant to EAP	Mining / Coal	Wozimart (Pty) Ltd / INSA Coal	South Africa (Gauteng)
2019	Rehabilitation Study	Assistant to Herpetologist	Development	EcoInfo/ AngloAmerican	South Africa (Mpumalanga)
2018	Fauna and Flora Assessment	Assistant Botanist	Development	Nali Sustainability Solutions	South Africa (Gauteng)
2018	Ecological report and Alien Invasive Species Management Programme	Assistant Botanist	Development	Advisian (Worley Parsons Group)	South Africa (Gauteng)

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