

PLEASE FIND THE CV FORMAT BELOW

**Curriculum vitae**

1. **Family name: Wood**
2. **First names:**  Alan Robert
3. **Nationality: South African**
4. **Country of Residence: South Africa**
5. **Contact details:** wooda@arc.agric.za
6. **Education:**

|  |  |
| --- | --- |
| **Institution**  **[ Date from - Date to ]** | **Qualification obtained:** |
| University of Stellenbosch (2002-2004) | PhD |
| University of KwaZulu-Natal (1990-1994) | MSc |
| University of KwaZulu-Natal (1983-1985) | BSc |

1. **Language skills:** (1 - excellent; 5 - basic)

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| --- | --- | --- | --- |
| **Language** | **Reading** | **Speaking** | **Writing** |
| English | 1 | 1 | 1 |
| Afrikaans | 3 | 3 | 3 |
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1. **Membership** **of professional bodies:**

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| --- |
| Southern African Society for Plant Pathology |

1. **Specialisation** Plant Pathology, Biological control of alien weeds using fungi, Taxonomy and biology of rust fungi (Pucciniales)
2. **Present position:** Specialist Researcher
3. **Key Skills:** Isolation and culturing of fungi, Culturing of obligate pathogens, Infection process, Host-pathogen interactions, Taxonomy, Phylogeny, Epidemiology, Plant host ecology, Pathogen ecology. Rust fungi indigenous to southern Africa
4. **Specific experience:** Surveys for natural enemies, Establishing cultures of obligate pathogens under quarantine conditions, Host specificity testing, Establishment of agent and implementation of biological control, Post release evaluation. Have worked on biocontrol for *Acacia cyclops*, *Acacia dealbata*, *Acacia mearnsii*, *Acacia pycnantha*, *Acacia saligna*, *Ageratina adenophora*, *Ageratina riparia*, *Chrysanthemoides monilifera*, *Cardiospermum grandiflorum, Cladophora glomerata*, *Hakea sericea*, *Paraserianthes lophantha*, *Prosopis* spp. and *Tecoma stans*.

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| **Country** | **Date from - Date to** |
| South Africa | 1992-present |
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1. **Professional experience (Formal employment and Assignments/consultancies**)

| **Date from - to** | **Location** | **Organisation** | **Position** | **Description of Duties and achievements** |
| --- | --- | --- | --- | --- |
| 1992-1995 | Cape Town | CSIRO (Australia) | Research Assistant | Biological control of weeds |
| 1995-2002 | Stellenbosch | ARC-PHP | Researcher | Biological control of weeds |
| 2002-2012 | Stellenbosch | ARC-PHP | Senior Researcher | Biological control of weeds |
| 2012-present | Stellenbosch | ARC-PHP | Specialist Researcher | Biological control of weeds |
|  |  |  |  |  |

1. Publications

**ORCID identifier** <https://orcid.org/0000-0001-7315-3196>

**Book chapters**

1. Hill MP, Moran VC, Hoffman JH, Neser S, Zimmerman HG, Simelane DO, Klein HK, Zachariades C, Wood AR, Byrne MJ, Paterson ID, Martin GD, Coetzee JA (2020) More than a century of biological control against invasive alien plants in South Africa: a synoptic view of what has been accomplished. In: van Wilgen BW, Measey J, Richardson DM, Wilson JR, Zengaya TA. *Biological invasions in South Africa*. Invading nature – Springer Series in Invasion Ecology 14. pp 553-572.

**Online resources**

1. Wood AR (2020) *Uromycladium* spp. that cause gall rusts (Acacia gall rusts). CABI Invasive Species Compendium. Available at [https://www.cabi.org/isc/datasheet/55738](https://protect-za.mimecast.com/s/GaV9CBgpvjtyDZ1cz8j5g?domain=cabi.org)

**Full articles in peer-reviewed Journals**

1. Morris MJ, Wood AR, den Breeÿen A (1999) Plant pathogens and biological control of weeds in South Africa – a review of projects and progress during the last decade. African Entomology Memoir No. 1:129-137.
2. Wood AR (2002) A new species of rust fungus, *Uromyces strumariae* (Uredinales: Pucciniaceae), on *Strumaria gemmata* (Amaryllidaceae) from the Western Cape, South Africa. South African Journal of Botany 68:217-219.
3. Wood AR (2002) Infection of *Chrysanthemoides monilifera* ssp. *monilifera* by the rust fungus *Endophyllum osteospermi* is associated with a reduction in vegetative growth and reproduction. Australasian Plant Pathology 31:409-415.
4. Wood AR, Nordenstam B (2003) An interesting new species of *Osteospermum* (Asteraceae–Calendulae) from the Western Cape Province, South Africa, providing a link to the genus *Chrysanthemoides*. South African Journal of Botany 69:572-578.
5. Kleinjan CA, Morin L, Edwards PB, Wood AR (2004) Distribution, host range and phenology of the rust fungus *Puccinia myrsiphylli* in South Africa. Australasian Plant Pathology 33:263-271.
6. Wood AR (2004) *Endophyllum macowanianum*, a new combination for *Aecidium macaowanianum* (Uredinales – Pucciniaceae), and a note on *E. macowanii*. South African Journal of Botany 70:661-664.
7. Wood AR, Crous PW, Lennox CL (2004) Predicting the distribution of *Endophyllum osteospermi* (Uredinales, Pucciniaceae) in Australia based on its climatic requirements and distribution in South Africa. Australasian Plant Pathology 33:549-558.
8. Wood AR, Crous PW (2005) Epidemic increase of *Endophyllum osteospermi* (Uredinales, Pucciniaceae) on *Chrysanthemoides monilifera*. Biocontrol Science and Technology 15:117-125
9. Wood AR, Crous PW (2005) Morphological and molecular characterisation of *Endophyllum* species on perennial asteraceous plants in South Africa. Mycological Research 109:387-400.
10. Wood AR, Scholler M (2005) *Uromyces euryopsidicola* sp. nov., a witches’ broom forming rust species on *Euryops* (Asteraceae) from South Africa. Sydowia 57:137-143.
11. Wood AR, Crous PW (2006) Preliminary host specificity testing of *Endophyllum osteospermi* (Uredinales, Pucciniaceae), a biological control agent against *Chrysanthemoides monilifera* ssp. *monilifera*. Biocontrol Science and Technology 16:495-507
12. Wood AR, Ginns J (2006) A new dieback disease of *Acacia cyclops* in South Africa caused by *Psuedolagarobasidium acaciicola* sp.nov. Canadian Journal of Botany 84:750-758.
13. Crous PW, Rong IH, Wood AR, Lee S, Glen H, Botha W, Slippers B, de Beer WZ, Wingfield MJ, Hawksworth DL (2006) How many species of fungi are there at the tip of Africa? Studies in Mycology 55:13-33.
14. Wood AR (2006) New and interesting records of South African rust fungi (Uredinales). South African Journal of Botany 72: 5534-543.
15. Wood AR, Morris MJ (2007) Impact of the gall-forming rust fungus *Uromycladium tepperianum* on the invasive tree *Acacia saligna* in South Africa: 15 years of monitoring. Biological Control 41: 68-77.
16. Wood AR (2007) Rust fungi (Uredinales) on *Grewia* species (Tilliaceae) in southern Africa, with *Uredopeltis atrides* comb. nov. the new name for *Ravenelia atrides.* Mycological Progress 6(2): 93-99.
17. Berndt R, Friere F, Piątek M, Wood AR (2008) New species of *Phakopsora* (Basidiomycota, Uredinales) from Cameroon, South Africa and Brazil. Sydowia 60(1): 15-24.
18. Hallenberg N, Ryberg M, Nilsson RH, WoodAR, Wu S-H (2008) *Pseudolagarobasidium* (Basidiomycota):on the reinstatement of a genus of parasitic, saprophytic, and endophytic resupinate fungi. Botany 86: 1319-1325.
19. Crous PW, Wood AR, Okada G, Groenewald JZ (2008) Foliicolous microfungi occurring on *Encephalartos*. Persoonia 21: 135-146.
20. Crous PW, Braun U, Wingfield MJ, Wood AR, Shin HD, Summerell BA, Alfenas AC, Cumagun CJR, Groenewald JZ (2009) Phylogeny and taxonomy of obscure genera of microfungi. Persoonia 22: 139-161.
21. Eardley C, Koch F, Wood AR (2009) *Polistes dominulus* (Christ, 1791) (Hymenoptera: Polistinae: Vespidae) newly introduced into South Africa. African Entomology 17(2): 226-227.
22. Crous PW, Schoch CL, Hyde KD, Wood AR, Gueidan C, de Hoog GS, Groenewald JZ (2009) Phylogenetic lineages in the *Capnodiales*. Studies in Mycology 64:17-48.
23. Esler KJ, van Wilgen BW, te Roller KS, Wood AR, van der Merwe JH (2010) A landscape-scale assessment of the long-term integrated control of an invasive shrub in South Africa. Biological Invasions 12: 211-218.
24. Scholler M, Lutz M, Wood AR, Hagedorn G, Mennicken M (2011) [Taxonomy and phylogeny of *Puccinia lagenophorae*: a study using rDNA sequence data, morphological and host range features](http://www.springerlink.com/content/h45230521814u109/). Mycological Progress 10: 175-187.
25. Impson FAC, Kleinjan CA, Hoffmann JH, Post JA, Wood AR (2011) Biological control of Australian *Acacia* species and *Paraserianthes lophantha* (Willd.) Nielsen (Mimosaceae) in South Africa. African Entomology 19: 186-207.
26. Heystek F, Wood AR, Neser S, Kirstensamy Y (2011) Biological control of two *Ageratina* species (Asteraceae: Eupatorieae) in South Africa. African Entomology 19: 208-216.
27. Madire LG, Wood AR, Williams HE, Neser S (2011) Potential agents for the biological control of *Tecoma stans* (L.) Juss ex Kunth var. *stans* (Bignoniaceae) in South Africa. African Entomology 19: 434-442.
28. Strydom M, Esler KJ, Wood AR (2012) *Acacia saligna* seed banks: sampling methods and dynamics, Western Cape, South Africa. South African Journal of Botany 79: 140-147.
29. Berndt R, Wood AR (2012) Additions to the rust fungi of South Africa. Mycological Progress 11: 483-497.
30. Wood AR (2012) *Uromycladium tepperianum* (a gall-forming rust fungus) causes a sustained epidemic on the weed *Acacia saligna* in South Africa. Australasian Plant Pathology 41: 255-261.
31. Retief E, Ntushelo K, Wood AR (2013) Host-specificity testing of *Puccinia xanthii* var. *parthenii-hysterophorae*, a potential biological control agent for *Parthenium hysterophorus* in South Africa. South African Journal of Plant and Soil 30: 7-12.
32. Wood AR (2014) Observations on the gall rust fungus *Prospodium transformans*, a potential biocontrol agent of *Tecoma stans* var. *stans* (Bignoniaceae) in South Africa. Tropical Plant Pathology 39: 284-293.
33. Wood AR, Lutz M, Bauer R, Oberwinkler F (2014) Morphology and phylogenetics of *Stomatisora*, including *Stomatisora psychotriicola* sp. nov. Mycological Progress 13: 1097-1104.
34. Tererai F, Wood AR (2014) On the present and potential distribution of *Ageratina adenophora* in South Africa. South African Journal of Botany 95: 152-158.
35. Kotzé LJD, Wood AR, Lennox CL (2015) Risk assessment of the *Acacia cyclops* dieback pathogen, *Pseudolagarobasidium acaciicola*, as a mycoherbicide in the South African strandveld and limestone fynbos. Biological Control 82: 52-60.
36. Piatek M, Lutz M, Jacobs A, Villablanca F, Wood AR (2015) Epitypification of *Tilletia ehrhartae*, a smut fungus with potential for nature conservation, biosecurity and biocontrol. European Journal of Plant Pathology 143: 151-158
37. Beenken L, Wood AR (2015) *Puccorchidium* and *Sphenorchidium*, two new genera of Pucciniales on Annonaceae related to *Puccinia psidii* and the genus *Dasyspora*. Mycological Progress 14:49 DOI 10.1007/s11557-015-1073-8 (published online only)
38. Wood AR, Damm U, van der Linde EJ, Groenewald JZ, Cheewangkoon R, Crous PW (2016) Finding the missing link: Resolving the Coryneliomycetidae within Eurotiomycetes. Persoonia 37:37-56.
39. Wood AR (2017) Fungi and invasions in South Africa. Bothalia 47: a2124 DOI 10.4102/abc.v47i2.2124 (published online only)
40. McTaggart AR, Beasley DR, Wingfield MJ, Wood AR, Pretorius ZA, Drenth A, Shivas RG, Roux J (2017) A dynamic, web-based resource to identify rust fungi (Pucciniales) in southern Africa. MycoKeys 26: 77-83. doi: 10.3897/mycokeys.26.14602
41. Fourie A, Wood AR (2018) The rust fungus *Puccinia arechavaletae*, a potential biological control agent of balloon vine (*Cardiospermum grandiflorum*) in South Africa. I: Biology. Australasian Plant Pathology 47: 379–387
42. Kolesik P, Wood AR (2019) Redescription of *Mitodiplosis graminis* (Diptera: Cecidomyiidae), a gall midge inhibiting the flowering of pyp grass *Ehrharta villosa* (Poaceae) in South Africa. Zootaxa 4614:173-179.
43. Fourie A, Wood AR (2019) The rust fungus *Puccinia arechavaletae*, a potential biological control agent of balloon vine (*Cardiospermum grandiflorum*) in South Africa. II: Host range. Tropical Plant Pathology 44:318–325.
44. Ireland KB, Hunter GC, Wood AR, Delaisse C, Morin L (2019) Evaluation of the rust fungus *Puccinia rapipes* for biological control of *Lycium ferocissimum* (African boxthorn) in Australia: life cycle, taxonomy and pathogenicity. Fungal Biology 123:811-823.

**Short communications in peer-reviewed Journals**

1. Wood AR (1998) *Endophyllum osteospermi*, a new combination for *Aecidium osteospermi* (Basidiomycetes – Urediniales – Pucciniaceae). South African Journal of Botany 64: 146.
2. Wood AR, Scholler M (2002) *Puccinia abrupta* var. *partheniicola* on *Parthenium hysterophorus* in southern Africa. Plant Disease 86: 327.
3. Mostert L, Bester W, Coertze S, Wood AR (2008) First report of daylily rust caused by *Puccinia hemerocallidis* in the Western Cape in South Africa. Plant Disease 92(7): 1133
4. Crous PW, Groenewald JZ, Wood AR (2008) *Sporidesmium knawiae* Crous sp. nov. Fungal Planet 29
5. Wood AR, den Breeÿen A, Beed F (2009) First report of smut on *Imperata cylindrica* caused by *Sporisorium schweinfurthianum* in South Africa. Plant Disease 93(3): 322.
6. Mostert L, Bester W, Jensen T, Coertze S, van Hoorn A, Le Roux J, Retief E, Wood AR, Aime MC (2010) First report of leaf rust of Blueberry caused by *Thekopsora minima* on *Vaccinium corymbosum* in the Western Cape, South Africa. Plant Disease 94: 478.
7. Crous PW, Groenewald JZ, Wood AR (2013) *Toxicocladosporium ficinae*. Fungal Planet 154. Persoonia 31: 190-191.
8. Crous PW, Groenewald JZ, Wood AR (2013) *Coniothyrium prosopidis & Peyronellaea prosopidis*. Fungal Planet 165 & 166. Persoonia 31: 206-207.
9. Crous PW, Groenewald JZ, Wood AR (2014) *Seiridium podocarpi*. Fungal Planet 252. Persoonia 32: 250-251.
10. Crous PW, Groenewald JZ, Wood AR (2014) *Pseudocercospora parapseudarthriae*. Fungal Planet 253. Persoonia 32: 252-253.
11. Crous PW, Groenewald JZ, Wood AR (2014) *Neodevriesia coryneliae*. Fungal Planet 256. Persoonia 32: 258-259.
12. Crous PW, Groenewald JZ, Wood AR (2014) *Phaeosphaeria podocarpi* & *Phacidiella podocarpi*. Fungal Planet 290 & 291. Persoonia 33: 232-233.
13. Crous PW, Groenewald JZ, Wood AR (2015) *Elsinoë othonnae*. Fungal Planet 341. Persoonia 34: 208-209.
14. van der Linde EJ, Wood AR, Crous PW (2015) *Protostegia*. In: The Genera of Fungi – G2. IMA Fungus 6: 182-183.
15. Crous PW, Groenewald JZ, Wood AR (2015) *Zeloasperisporium searsiae*. Fungal Planet 377. Persoonia 35: 280-281.
16. Marin-Felix Y, Wood AR, Crous PW (2017) *Protostegia*. In: Genera of Phytopathogenic Fungi: GOPHY 1. Studies in Mycology 86: 99–216.
17. Guarnaccia V, Wood AR, Crous PW (2019) *Diaporthe*. In: Genera of Phytopathogenic Fungi: GOPHY 2. Studies in Mycology 92: 47-113.

**Published Research Reports**

Wood AR (1999) The potential biological control agents of *Cladophora glomertata* that occur in irrigation schemes in South Africa. Water Research Commission Report no. 669/1/99.

Wood AR (2003) The potential of aquatic *Pythium* species for the biological control of *Cladophora glomerata* in irrigation schemes in South Africa. Water Research Commission Report no. 918/1/03.

**Unpublished reports**

Wood AR (2002) Host specificity testing of the rust fungus *Endophyllum osteospermi*. Report to CSIRO – Division of Entomology.

Wood AR (2008) Application for permission to release the rust fungus *Prospodium transformans* (Uropyxidaceae; Uredinales) to contribute towards control of yellow bells (*Tecoma stans*; Bignoniaceae). Report to the Department Of Agriculture.

Wood AR, Ntushelo K (2008) Application for permission to release the rust fungus *Puccinia xanthii* (Pucciniaceae; Uredinales) to contribute towards control of parthenium weed (*Parthenium hysterophorus*) (Heliantheae; Asteraceae) in South Africa. Report to the Department Of Agriculture.

Wood AR (2013) Application for permission to release the gall forming rust fungus *Uromycladium tepperianum* for biological control of the invasive alien plant Stinkbean (*Paraserianthes lophantha*: Fabaceae) in South Africa. Report to the Department of Agriculture, Forestry and Fisheries.

**Publications in International Congress Proceedings**

1. Wood AR, Laing MD (1993). The control of fungal root pathogens of ornamental foliage plants in hydroculture. In: Proceedings of the 8th International Congress on Soilless Culture, Hunter’s Rest, South Africa, 2-9 October, 1992 pp. 513-526.
2. Strathie LW, Wood AR, Van Rooi C, McConnachie A (2005) *Parthenium hysterophorus* (Asteraceae) in southern Africa, and initiation of biological control against it in South Africa. In: *Proceedings of the Second International Conference on Parthenium Management.* (Eds) TV Ramachandra Prasad, HV Nanjappa, R Devendra, A Manjunath, Subramanya, SC Chandrashekar, VK Kiran Kumar, KA Jayaram, TK Prabhakara Setty. University of Agricultural Sciences, Bangalore, India, pp. 127-133.
3. Wood AR (2008) Host-specificity testing of *Prospodium transformans* (Uredinales: Uropyxidaceae), a biological control agent for use against *Tecoma stans* var. *stans* (Bignoniaceae). In: Proceedings of the XII International Symposium on Biological Control of Weeds. Julien MH, Sforza R, Bon R, Evans HC, Hatcher PE, Hinz HL, Rector BG (eds). , La Grande Motte, France 22-27 April 2007. pp345-348. CAB International Wallingford, UK.
4. **Professional Referees**

**Dr Roger E. Price**

**ARC-PHP (my line manager)**

**pricer@arc.agric.za**