

## Books, publication and articles with relevance to the Karoo by WCRO members

Should you be unable to access any of these resources via the links provided please email Sue Milton-Dean [WkIconsResOrg@gmail.com](mailto:WkIconsResOrg@gmail.com)

### Books

- Dean WRJ, Milton SJ Eds 1999. *The Karoo: ecological patterns and processes*. Cambridge University Press, Cambridge. 374 pp. (PDF available from author)
- Dean WRJ. 2000. *The Birds of Angola. An annotated check-list*. BOU Checklist No. 18. British Ornithologists Union, Tring. 433 pp.
- Dean WRJ. 2004 *Nomadic desert birds*. Adaptations of Desert Organisms series. Springer Verlag, Berlin, Heidelberg, New York. 185 pp (PDF of text available)
- Dean WRJ. 2017. *Warriors, dilettantes and businessmen. Bird collectors during the mid-19th to mid-20th centuries in southern Africa*. Trustees of the John Voelker Bird Book Fund, Cape Town.
- Hockey PAR, Dean WRJ, Ryan PG. editors 2005. *Roberts' Birds of southern Africa*, 7th edition. John Voelker Bird Book Fund, Cape Town.
- Esler KJ, Milton SJ, Dean WRJ. 2006. *Karoo Veld. Ecology and Management*. Briza Publications, Pretoria. (English OUT OF PRINT, Afrikaans copies available)

### Peer reviewed publications

1. Dean, W. R. J., Milton, S. J., Forsyth, H.P. and Tisseman, D. 2015. Fluctuations in bird numbers on sewage treatment ponds in an arid environment, South Africa. *Ostrich* 86 (Special Issue: Memorial Issue Commemorating the Work of the Late Philip Hockey): 145-153. <https://doi.org/10.2989/00306525.2015.1029559>
2. Mills, A.J., Milton, S.J., Taplin, B.D. and Allen, J.L. 2018. Viability of watering *Portulacaria afra* truncheons to facilitate restoration of subtropical thicket: results from a nursery experiment and cost model. *South African Journal of Botany* 115:58-64. <https://www.sciencedirect.com/science/article/pii/S0254629917313248>
3. Arena, G., van der Merwe, H., Todd, S.W., Pauw, M.J., Milton, S.J., Dean, W.R.J. & Henschel, J.R. 2018. Reflections, applications and future directions of Long-Term Ecological Research at Tierberg, *African Journal of Range & Forage Science*, 35:3-4, 257-265. <https://www.tandfonline.com/doi/abs/10.2989/10220119.2018.1513072>
4. Alan TK Lee, Carolynne Geary, Dale R Wright & W Richard J Dean 2019. Vulnerability of birds to contaminated water sources in the Karoo region of South Africa, *Ostrich*, 90:4, 397-406, <https://www.tandfonline.com/doi/abs/10.2989/00306525.2019.1638846>
5. Dean WRJ, Seymour CL, Joseph GS. 2018. Linear structures in the Karoo, South Africa and their impacts on biota. *African Journal of Range and Forage Science* 35: 223–232. <https://doi.org/10.2989/10220119.2018.1514530>
6. Walker C, Milton SJ, O'Connor T, Maguire JM, Dean WRJ. 2018. Drivers and trajectories of social and ecological change in the Karoo region of South Africa. *African Journal of Range & Forage Science* 35:3-4, 157-177. <https://www.tandfonline.com/doi/abs/10.2989/10220119.2018.1518263>
7. Dean WRJ, Seymour CL, Joseph GS, Foord SH. 2019. A Review of the Impacts of Roads on Wildlife in Semi-Arid Regions. *Diversity* 11: 81. <https://www.mdpi.com/1424-2818/11/5/81>
8. Dean, W.R.J. and Milton, S.J. 2019. The dispersal and spread of *Myrtillocactus geometrizans* in the southern Karoo, South Africa. *South African Journal of Botany* 121:210-215. . <https://doi.org/10.1016/j.sajb.2018.11.005>
9. Dean, W.R.J., Milton, S.J., Vernon, C.J., Nichols, S. and Boon, G.C. 2020. The use of alien plants by birds in southern Africa. *Durban Natural Science Museum Novitates* 40: 24-48.
10. Milton, S.J. and Dean, W.R.J. 2021. Anthropogenic impacts and implications for ecological restoration in the Karoo, South Africa. *Anthropocene* 36: Article 100307 <https://doi.org/10.1016/j.ancene.2021.100307>
11. Van der Merwe, H., Milton, S.J., Dean, W.R.J., O'Connor, T.G. and Henschel, J.R. 2021. Developing an environmental research platform in the Karoo at the Square Kilometre Array. *South African Journal of Science* 117(11/12): 99-105, Art. #10511. <https://doi.org/10.17159/sajs.2021/10511>

12. Milton, S.J., Short, S. and Dean, W.R.J. 2022. Decline in whistling rat (*Parotomys brantsii*) density: possible response to climate change in the Karoo, South Africa. *African Journal of Ecology* **90**: 969-979. <https://doi.org/10.1111/aje.13063>
13. Dippenaar-Schoeman A, Dean WRJ, Milton SJ. 2022. A checklist of the spiders (Arachnida, Araneae) of Tierberg Long Term Ecological Research site, Prince Albert, Western Cape, South Africa. *SANSA Newsletter* 43: 21–28. <https://zenodo.org/record/7146693>
14. Milton, S.J., Petersen, H., Nampa, G., Van der Merwe, H., and Henschel, J.R. 2023. Drought as a driver of vegetation change in Succulent Karoo rangelands, South Africa. *African Journal of Range and Forage Science* **40**:181-195. <https://doi.org/10.2989/10220119.2021.1992501>
15. Henschel, J.R., Duncan, F.D., du Toit, J.C.O., Milton, S.J. and van der Merwe, H. 2023. The brown locust refocussed - Knowns, unknowns and the relevance of *Locustana pardalina* (Walker) to Karoo ecosystems and rangeland management. *Journal of Arid Environments* **215**, Art 105014 [https://authors.elsevier.com/sd/article/S0140-1963\(23\)00085-X](https://authors.elsevier.com/sd/article/S0140-1963(23)00085-X)
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#### In Press

1. Henschel, J.R., Dean, W.R.J., Milton, S.J., Ansie S. Dippenaar-Schoeman, A.S. (in press). Coexistence of *Ammoxenus* (Gnaphosidae) spider species on and between termitaria of *Microhodotermes viator* (Hodotermitidae) at a Karoo site. *African Entomology*. Accepted 2023.09.
2. Neethling, C.D., Milton, S.J., Buschke, F.T., Henschel, J.R., van Deventer, P.W., Esterhuysen, S. (in press). A bioassay of mine-affected soils and ameliorants in semiarid rehabilitation. *South African Journal of Plant and Soil* accepted 2023.09.14

#### Selected magazine and newspaper articles

1. Arena G 2018 Kraalaalwyn: an oasis in the drought. Veld & Flora March 2018, pp 26-29
2. Barella L 2019 Friends of the Fransie Pienaar Museum Annual General Meeting. Prince Albert Friend August 2019
3. Dean SJ & Dean WRJ 2020. Museum' hidden gardens: showcasing local ecology and culture. Prince Albert Friend September 2020
4. Dean WRJ & Dean SJ 2022. Obituary W. Richard J. Dean. 10/08/1940 – 03/08/2022. Prince Albert Friend September 2022, p. 43
5. Dean WRJ 2014. Selonsroos: spanne spook om die gevaarlike plant uit te roei. Prince Albert Friend, pp 34-38.
6. Dean WRJ 2016. Are cactuses really blue? Prince Albert Friend September 2016, p.38.
7. Dean WRJ 2020 We're serving ants with everything. April 2020, p.13.
8. Dean WRJ 2021. Feed the birds? Or not? Prince Albert Friend December 2021, p. 11.
9. Dean WRJ 2021. Garden birds. Prince Albert Friend May 2021, p.24.
10. Dean WRJ 2022. Wind farms. Prince Albert Friend April 2022, p.9.
11. Genis A 2020. Veld herstel kan ook mense heel. Landbouweekblad 27 March 2020, pp 74-75.
12. Genis 2021. Pak eko-herstel nou aan ter wille van oorlewing. Landbouweekblad 18 November 2021, pp 52-55.
13. Hundermark C 2023. Where dragons dwell. Prince Albert Friend May 2023, p. 23.
14. Jacobs K Lets talk rubbish - a PA wide problem. Prince Albert Friend August 2019, pp. 15-18.
15. Jordaan W. 2021. Habitats and inhabitants. Prince Albert August 2021, pp 22-23.
16. Jordaan W. 2021. Kaktus tuine - 'n bron van kommer. Prince Albert Friend April 2021, p. 25.
17. Malan M 2023. Jare lange droogte iets van die verlede na goeie reen. Prince Albert Friend July 2023. P. 1-2.
18. Milton-Dean SJ & Dean WRJ 2018. Wolwekraal, dynamic interface of people and conservation. SAEON News April 2018. <http://www.saeon.ac.za/enewsletter/archives/2018/april2018/doc02>
19. Milton-Dean SJ & Dean WRJ 2021. When is a drought not a drought? Prince Albert Friend December 2021, pp 4-5.
20. Milton-Dean SJ 2007. Making magic with minimal moisture: Karoo Succulents. To Go To Magazine pp 54-56.
21. Milton-Dean SJ 2022. Locusts: a very Karoo phenomenon. Prince Albert Friend April 2022, P. 1-2.
22. Milton-Dean S, Petersen H, Nampa G, van der Merwe H and Henschel J 2022 Drought effects on vegetation in the southern Succulent Karoo. Smart Agri Magazine pp. 36-38.
23. Milton-Dean SJ 2023. The economy of life. Prince Albert Friend October 2023, p.8.

24. Milton-Dean SJ 2023. Cliff hangers: mysteries of Swartberg's hanging gardens. Prince Albert Friend March 2023, p.17.
25. Nquadala Y and Isaacs M 2017. Natuurlike genesing vir griep en infeksies. Prince Albert Friend June 2017, p. 40.
26. Nquadala Y 2017. Young researchers at Wolwekraal Nature Reserve. Prince Albert Friend October 2017, p. 38.
27. Nquadala Y 2018. The evils of plastic. Prince Albert Friend, April 2018 P. 35.
28. Nquadala Y 2018. Environmental education - it's everyone's duty. Prince Albert Friend May 2018, p. 37.
29. Pauw M & Arena G 2016. The Arid ZOne Ecology Forum. Prince Albert Friend November 2016, p. 15.
30. Petersen H 2018. The role of art in conservation. Prince Albert Friend June 2018, p. 15.
31. Petersen H 2018. Paying more than ordinary attention. Prince Albert Friend August 2018, p. 35.
32. Petersen H 2018 Plastic in porcupine poo - indicators of our effect on the environment. Prince Albert Friend November 2018, p 37.
33. Tudhope A. 2022. Take a guided walk on Wolwekraal Nature Reserve. Prince Albert Friend May 2022, p. 13.
34. Van Heerden, L. 2014. Rural effluent disposal\_ a case for environmental education. Quest 10: 2-8
35. Yang G 2019. Gemeenskapsbetrokkenheid en huishoudelike afvalverwerking by Renukaroo kwekery. Prince Albert Friend August 2019, p. 33.

### **Theses**

- Arendse L-R 2020 The properties and effects of road dust from unpaved roads on vegetation and microbes in the Karoo,. MSc, Stellenbosch University.
- Dauids L 2022. The importance of heuweltjies for arthropod biodiversity in the Succulent Karoo. MSc, Stellenbosch University (Supervisors Pauw & Milton).
- de Abreu P 2011. The effect of rehabilitation on ecosystem services in the semi-arid Succulent Karoo lowlands of the Little Karoo, South Africa. MSc Dissertation, UCT
- Duncan M 2016. The political ecology of a fence: an ethnographic account of conflict around biodiversity conservation in Prince Albert. Social Anthropology Honours Research Project, Department of Sociology and Anthropology, Stellenbosch University, 53 pp.
- Jackson AS 2016 Investigating the effectiveness of microcatchments at enhancing transplant performance in Nama-Karoo riparian ecosystem restoration. MTech Nature Conservation NMU (Supervisors Milton SJ & Wigley B)
- Matthee W 2015 Factors Affecting the Success of Reseeding Rehabilitation in the Semi-Arid Karoo, South Africa. MSc Nelson Mandela University.
- Ndhlovu T 2011. Impact of Prosopis (mesquite) invasion and clearing on ecosystem structure, function and agricultural productivity in semi-arid Nama Karoo rangeland, South Africa. MSc, Stellenbosch University (Esler KJ & Milton SJ)
- Swart R 2019. Germination potential of seeds harvested at Worcester Veld Reserve. MSc, Nelson Mandela University (supervisors Milton & Saayman)