

## CURRICULUM VITAE

Jacques van Rooy was born in the city of Bloemfontein, Free State, South Africa on 11 October 1953. He attended the President Brandskool in Bloemfontein (Jan. 1960 – July 1965), the Laerskool Menlopark in Pretoria (July 1965 – Dec.1966), and matriculated from Die Hoërskool Menlopark in 1971.

In 1982 he received a B.Sc. degree from the University of South Africa, majoring in Botany and Zoology. This was followed by a B.Sc. (Hons.) degree in 1989 and a M.Sc. degree in botanical taxonomy (awarded cum laude) in 1991, both at the University of Pretoria. His M.Sc. thesis, entitled *A Taxonomic Revision of the Macromitrioideae (Orthotrichaceae: Musci) in Southern Africa*, won him the South African Association for the Advancement of Science (S2A3)-GENCOR Bronze Medal for the best Magister thesis at the University of Pretoria in 1992.

Jacques started his career in botany in 1978 when he joined the National Herbarium of the Botanical Research Institute (now National Botanical Institute) in Pretoria. He was assistant to Dr R.E. Magill of the Missouri Botanical Garden (then on contract to the Botanical Research Institute to initiate research for the moss *Flora of Southern Africa* project) from 1978 to 1981. During this period he gained valuable experience in taxonomic research, herbarium management, and the running of a Scanning Electron Microscope unit. He currently holds the position of Senior Researcher responsible for the Cryptogamic collections of the National Herbarium where he conducts taxonomic and phytogeographic research on the mosses of Africa.

His collecting activities (more than 4000 specimens) has led to the description of several new records and new species of southern African bryophytes. He is the author or co-author of 40 scientific and popular scientific publications in national as well as international journals. Jacques contributed to the first 2, and is co-author of the 3rd fascicle of the moss *Flora of Southern Africa*. He is currently a member of the International Association of Bryologists, the Mountain Forum, and the Lesotho Mountain Research Group.

## List of publications

### Scientific papers:

- Van Rooy, J. 1986. A new species of *Anomobryum* (Bryaceae, Musci). *Bothalia* 16,1: 42–44.
- Van Rooy, J. 1986. Bryophyta. In: Staff of the National Herbarium, New taxa, new records and name changes for southern African plants. *Bothalia* 16,1: 109.
- Van Rooy, J. 1988. Bryophyta. In: G.E. Gibbs Russell *et al.*, New taxa new records and name changes for southern African plants. *Bothalia* 18,2: 294–295.
- Van Rooy, J. 1989. Bryophyta. In: B.C. De Wet *et al.*, New taxa new records and name changes for southern African plants. *Bothalia* 19,2: 276.
- Lewinsky, J. & Van Rooy, J. 1990. New species and a new record of *Orthotrichum* from southern Africa: *O. incurvomarginatum* sp. nov., *O. armatum* sp. nov., *O. oreophilum* sp. nov. and *O. firmum* Vent. *Journal of Bryology* 16,1: 67–78.
- Van Rooy, J. & Perold, S.M. 1990. New and interesting records of mosses in the Flora of Southern Africa area: 1. Sphagnaceae–Grimmiaceae. *Bothalia* 20,2: 211–213.
- Van Rooy, J. 1990. Bryophyta. In: B.C. De Wet *et al.*, New taxa, new records and name changes for southern African plants. *Bothalia* 20,2: 249–250.
- Van Rooy, J. 1990. A new species and a new record of *Macromitrium* (Orthotrichaceae) from southern Africa: *M. lebomboense* sp. nov. and *M. richardii* Schwaegr. *Journal of Bryology* 16,2: 209–214.
- Van Rooy, J. 1991. Bryophyta. In: B.C. De Wet *et al.*, New taxa, new records and name changes for southern African plants. *Bothalia* 21,2: 192–193.
- Van Rooy, J. 1991. The genus *Rhabdoweisia* in southern Africa: *R. crispata* new to Africa, and *R. fugax*. *Bryologist* 94,4: 9–412.
- Van Rooy, J. & Perold, S.M. 1992. New and interesting records of mosses in the Flora of Southern Africa area: 2. Gigaspermaceae–Bartramiaceae. *Bothalia* 22: 37.
- Van Rooy, J. & Van Wyk, A.E. 1992. A conspectus of the Subfamily Macromitrioideae (Bryopsida: Orthotrichaceae) in southern Africa. *Bryologist* 95,2: 205–215.

- Van Rooy, J. & Perold, S.M. 1992. New and interesting records of mosses in the Flora of Southern Africa area: 3. Miscellaneous acrocarpous taxa. *Bothalia* 22,2: 195.
- Van Rooy, J. 1992. Notes on the moss flora of Zimbabwe. *Bothalia* 22,2: 196.
- Van Rooy, J. 1992. The genus *Amphidium* Schimp. in southern Africa. *Lindbergia* 17: 59–63.
- Van Rooy, J. 1997. New and interesting records of mosses in the Flora of Southern Africa area: 4. new records and geographic regions. *Bothalia* 27,2: 136–137.
- Van Rooy, J. 1997. Distribution of *Bryum viguieri* Thér. (Bryaceae), a new record for the moss flora of southern Africa. *Journal of Bryology* 19: 830–832.

#### Popular scientific:

- Van Rooy, J. & Perold, S.M. 1996. The PRE Bryophyte Herbarium. *National Herbarium Newsletter* 2,2: 3–4.
- Van Rooy, J. 1996. How to collect Bryophytes. *National Herbarium Newsletter* 2,3: 4–5.
- Van Rooy, J. 1997. Introduction to bryology in southern Africa. 1. What is a bryophyte? *PlantLife* 16: 18–19.
- Van Rooy, J. 1997. Introduction to bryology in southern Africa. 2. The structure and life cycle of mosses. *PlantLife* 17: 27–29.
- Van Rooy, J. 1998. Introduction to bryology in southern Africa. 3. The collection and preservation of bryophytes. *PlantLife* 18: 19–21.
- Van Rooy, J. 1998. Introduction to bryology in southern Africa. 4. The structure and life cycle of liverworts and hornworts. *PlantLife* 19: 29–31.
- Van Rooy, J. 1999. Introduction to bryology in southern Africa. 5. How to study bryophytes. *PlantLife* 20: 34–36.
- Van Rooy, J. 1999. Introduction to bryology in southern Africa. 6. What to look for in mosses. *PlantLife* 21: 28–30.

#### Conference proceedings:

- Russell, S. & Van Rooy, J. 1986. Biogeographical relationships of the Namibian bryoflora. In: H.J. Deacon (ed.), Proceedings of the biennial Conference of the



Southern African Society for Quaternary Research held at the University of Stellenbosch 29 March – 3 April 1985. *Palaeoecology of Africa* 17: 201–203.

- Russell, S. & Van Rooy, J. 1988. Bryophyte diversity in the eastern Cape forests. In: M.N. Bruton & F.W. Gess (eds.), *Towards an environmental plan for the eastern Cape*, being the proceedings of a conference held at Rhodes University to review the environmental problems of the eastern Cape: 136–143. Rhodes University, Grahamstown.
- Russell, S. & Van Rooy, J. 1988. The Bryoflora of Namibia. In: P. Goldblatt & P.P. Lowry II (eds.), Proceedings of the Eleventh Plenary Meeting of the Association for the Taxonomic Study of the Flora of Tropical Africa, Missouri Botanical Garden, St. Louis, June 10 – 14, 1985. *Monographs in Systematic Botany* 25: 453–460.

#### Flora of Southern Africa series:

- Van Rooy, J. 1981. Archidiaceae. In: R.E. Magill, *Flora of Southern Africa*. Bryophyta 1,1: 71–81. National Botanical Institute, South Africa.
- Van Rooy, J. & Magill, R.E. 1987. Bryaceae. In: R.E. Magill, *Flora of Southern Africa*. Bryophyta 1,2: 335–393. National Botanical Institute, South Africa.
- Magill, R.E. & Van Rooy, J. 1998. *Flora of Southern Africa*. Bryophyta 1,3. National Botanical Institute, South Africa.

#### Species and literature lists:

- Van Rooy, J. & Perold, S.M. 1984. *Bryophyta*. In: G.E. Gibbs Russell *et al.*, List of species of southern African plants. *Memoirs of The Botanical Survey of South Africa* 48: 5–11.
- Van Rooy, J. 1985. *Bryophyta*. In: G.E. Gibbs Russell *et al.*, List of species of southern African plants, Edn 2, Part 1. *Memoirs of The Botanical Survey of South Africa* 51: 1–31.
- Perold, S.M. & Van Rooy, J. 1993. *Hepaticae*. In: T.H. Arnold & B.C. De Wet (eds.), Plants of southern Africa: Names and distribution. *Memoirs of The Botanical Survey of South Africa* 62: 5–16.

- Van Rooy, J. 1993. *Musci*. In: T.H. Arnold & B.C. De Wet (eds.), Plants of southern Africa: Names and distribution. *Memoirs of The Botanical Survey of South Africa* 62: 17–46.
- Van Rooy, J. 1997. *Musci*. In: N.L. Meyer, M. Mossmer, & G.F. Smith (eds.), Taxonomic literature of southern African plants. *Strelitzia* 5: 13-29. National Botanical Institute, Pretoria.
- Glen, R.P., Archer, C. & Van Rooy, J. 1999. Aquatic plants of southern Africa. In: G.I. Cowan, *Biota of South African Wetlands in relation to the Ramsar Convention*. pp. 5- 22.

**Thesis:**

- Van Rooy, J. 1990. *A Taxonomic Revision of the Macromitrioideae (Orthotrichaceae: Musci) in Southern Africa*. M.Sc. thesis, University of Pretoria.

**Book review:**

- McDonald, D.J., Anderson, J.H. & Van Rooy, J. 1997. [Review of] S.P. Churchill, H. Balslev, E. Forero & L. Luteyn (eds.). 1995. *Biodiversity and Conservation of Neotropical Montane Forests*. The New York Botanical Garden, Bronx, New York. In *Bothalia* 27,1: 98-99.