

# ***CURRICULUM VITAE***

## **Ben-Erik van Wyk**

Professor Ben-Erik van Wyk  
Professor of Botany  
DST/NRF SARChI National Research Chair in Indigenous Plant Use  
Department of Botany and Plant Biotechnology  
University of Johannesburg  
P.O. Box 524  
Auckland Park 2006  
Johannesburg  
South Africa

Tel: +27(0)11 559 2412  
Fax: +27(0)11 559 2411  
Mobile: +27(0)82 800 4134  
Email: bevanwyk@uj.ac.za  
Website: ben-erikvanwyk.com

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## 1. Name and biographical details

Ben-Erik van Wyk [Born 27.12.1956, Bellville, Cape, South Africa; widower, married to a botanist - Mariana Schonken († 13 April 2022); one son (Teodor) and one daughter (Signe)]

## 2. Academic qualifications

BSc in Forestry (University of Stellenbosch, 1979);  
BSc Hons *cum laude* (University of Stellenbosch, 1981);  
MSc *cum laude* (University of Stellenbosch, 1983);  
PhD (University of Cape Town, 1989).

## 3. National Research Foundation rating status

NRF ratings: P (1991–1994); B2 (1995–2009); B1 (2010–2015; 2016–current).

## 4. Cited publications and h-index [updated 06-03-2023]

Publications with highest number of citations (mostly books): *Medicinal Plants of South Africa: 2079; People's Plants: a guide to useful plants of southern Africa: 1471; Medicinal Plants of the World: 1223; A broad review of commercially important southern African medicinal plants [Journal of Ethnopharmacology 119 (3), 342–355 (2008)]: 386; Guide to the aloes of South Africa: 287.*

Web of Science h-factor = **39** (441 documents, 5846 citations)

Scopus h-factor = **40** (6083 citations, ca. 400-600 citations per year).

Google Scholar h-factor = **58** (including academic books; 17 233 citations, ca. 1 400 per year).

## 5. Awards

5.1 Medals and other awards: Schlich Medal in 1980 (best BSc Forestry student in SA), the Junior Captain Scott Medal in 1984 (best MSc thesis in biology in SA), the FRD President's Award in 1991, the Compton Prize in 1992, 2003 and 2007 (best publications in the SA J. Bot.), Academic Colours from the SRC of RAU in 1993, honourable mention: Norma Awards for publishing in Africa (for the 2002 book "Poisonous Plants of SA"), Honorary membership of the Dendrological Society of South Africa (2004); the SAAB Silver Medal from the South African Association of Botanists (2007) for contributions to botany in South Africa; the 2009 Havenga Prize for Biology from the South African Academy of Science and Arts, The UJ Vice-Chancellor's Award for Research Excellence (2009); the UJ Faculty of Science Award for Top Researcher of the Year (2009, 2011, 2014, 2017); medal ("erepenning") from the South African Academy of Science and Arts for contributions to ethnobotany in South Africa (2011); Elected Fellow of the African Academy of Sciences (2013); awarded the National DTI/NRF SARChI Research Chair in Indigenous Plant Use (2013); the prestigious SAAB Gold Medal from the South African Association of Botanists (2015) for life-time contributions to botany in South Africa; the prestigious M.T. Steyn Medal (highest national award in science) from the South African Academy of Science and Arts (2020), a "once in a lifetime award for creative contributions to the exploitation, organisation and continued development of the natural sciences or technology and its successful application, in the nation's interest".

5.2 Awards to students: These include the prestigious "RAU Chancellor's Medal" for best M.Sc. thesis of the year at RAU (A.L. Schutte, 1989; I. Allison 1996; G. Campbell 1999), the "Lennon Gold Medal" (A.M. Viljoen, 1994, 1995; M. van der Bank, 1996; Paul Steenkamp 2004; J.S. Boatwright 2006, 2007; M.M. le Roux 2006), "SAAB Best Young Scientist Award" [A.L. Schutte 1990, A.M. Viljoen 1995, D. Moshe 1997, M.M. le Roux 2010], SAAB Best PhD presentation [M. Hulley 2015, 2016] and IPUF best presentation [M. Hulley 2007; J. Nortje, 2015; R. Rattray, 2018; E. Siteo, 2019, 2021]. South African Association for the Advancement of Science medal for the best MSc at UJ in 2007 (A. Magee); South African Association of Botanists (SAAB) Bronze Medal for the best PhD in South Africa in 2009 (A. Magee, awarded 2011); Best Poster Award (out of 1114 posters) at the 9<sup>th</sup> Joint Natural Products Conference, Copenhagen [J. Nortje, 2016]; Best PhD presentation at Departmental Symposium [J. Nortje, 2017]; Best PhD presentation at 48<sup>th</sup> SAAB Conference [Natasha Lombard, 2023].

## 6. Research grants

Young Scientist Award (P-rating) in 1991 (FRD, now NRF); “Chemotaxonomy of medicinal plants” in 1998–2000 (NRF, South African Druggists, THRIP and RAU: ca. R1 200 000); “Amino Acids in Traditional Medicine” in 2001 (NRF: R42 500); “Taxonomy of African Plant Families” in 2001 (NRF: R74 000) and 2003–2004 (NRF: R 280 000); “*Aloe* research” (With F.R. van Heerden) in 2004 (Organic Aloe: R 25 000, THRIP: R 25 000); “Karoo Medicinal Plants” in 2005–2009 (NRF: R780 000); “African tonics”, as part of the “New Drug Development Platform” in 2004–2006 (Innovation Fund - Department of Trade and Industry: R3 000 000); Incentive funding for rated researchers from 2011–2015 (NRF: R400 000); NRF Research Chair (tier 1, R2 500 000 per annum for five years, July 2013–June 2018; renewed for a further five years, July 2018–June 2022, and again for a third term (2023 to 2027, with budget of ca. R4 milj.).

## 7. Career and employment history

Technical Officer, Faculty of Forestry, University of Stellenbosch (1980–1981);  
Forestry Scientist, Department of Environmental Affairs (1982–1984);  
Lecturer, Department of Botany, Rand Afrikaans University (1985 to 1989); promoted to Senior lecturer (1989); Full Professor (1990–2012). [Since 1 January 2005, the Rand Afrikaans University (RAU) has become the University of Johannesburg (UJ).]  
Research Professor (2013–2018) [DST/NRF SARChI Research Chair in Indigenous Plant Use]. Renewed for the period 2018–2022 and again for 2023 to 2027.

## 8. Research-related international activities

Visiting Professor: Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico (2014–).

Member of Editorial Boards: (1) South African Journal of Botany (Elsevier); (2) Biodiversity (appointed as Section Editor-in-Chief of Chemical Ecology and Chemical Diversity).

Research collaboration: several groups, e.g. Royal Botanic Gardens, Kew (legume studies – Herbarium; DNA studies with Dr Mark Chase – Jodrell Laboratory), Addis Ababa University (Aloe chemistry, with Prof Ermias Dagne); Heidelberg University (DNA studies of the Aloe family, DNA studies of African legumes with Prof Michael Wink – this collaboration has resulted in four joint botanical field excursions in 2001, 2003, 2005 and 2007, when respectively 25, 23 and 21 and 24 staff and senior students from Heidelberg travelled in SA for two weeks, and also in international books “Medicinal Plants of the World” and others – see below); Prof Gregory Plunkett, New York Botanical Garden (Apiaceae); Prof Stephen Downie, Illinois (Apiaceae); Prof Michael Pimenov, Moscow State University (Apiaceae); Dr Alexei Oskolski, Komarov Botanical Institute, St Petersburg, Russia (Apiaceae anatomy). Current and recent collaborators (**International**): 1. Prof Michael Wink, Heidelberg University, Germany [co-author of books] 2. Dr Ian Cock, Griffith University, Australia [co-supervision of PhD student] 3. Prof John Howieson, Murdoch University, Australia [co-supervision of PhD student] 4. Prof Husnu Baser, North East University, Cyprus, Turkey [joint publications] 5. Prof Gulmira Ozek, Anadolu University, Turkey [joint publications] 6. Prof Temel Ozek, Anadolu University, Turkey [joint publications] 7. Prof Fatih Demirci, Anadolu University, Turkey [joint publications] 8. Dr Nick Sadgrove, Kew Gardens, UK [joint publications] 9. Dr Ekaterina Kotina, Komarov Botanical Institute, Russia [joint publications] 10. Dr Anna Stepanova, Komarov Botanical Institute, Russia [joint publications] 11. Dr Nigel Gericke, Dr. Gericke Consulting, Damianweg 9, Baden, Switzerland [joint publications] 12. Dr Boris Gorelik, Senior Research Fellow, Russian Academy of Sciences, Moscow, Russia [joint publications]. 13. Mr Denzil Phillips, Denzil Phillips International, <https://denzil.com/>, UK [Coordinator, Global Frankincense Alliance]. 14. Dr Sue Canney Davison, Director, Pipal Limited, [www.pipal.com](http://www.pipal.com), Nairobi, Kenya [Coordinator, Global Frankincense Alliance]. 15. Professor Frans Bongers, Wageningen University, Netherlands [Advisory Board: Global Frankincense Alliance] 16. Dr Anjanette deCarlo, Aromatic Plant Research Centre, USA [Advisory Board: Global Frankincense Alliance] **Collaborators - National**: 1. Prof Angela Mathee, South African Medical Research Council [fatal poisoning by traditional medicine; joint paper] 2. Prof Marietjie Stander, Stellenbosch University [LCMS analyses, joint papers, co-supervision of students] 3. Prof Sandy Van Vuuren, Wits Medical

School [joint papers] 4. Prof Josef de Beer, North-West University [joint papers; community projects] 5. Dr Marinda Koekemoer, South African National Biodiversity Institute [co-supervision of students; joint publications] 6. Dr Marianne Le Roux, South African National Biodiversity Institute [co-supervision of students; joint publications] 7. Dr Anthony Magee, South African National Biodiversity Institute [joint publications] 8. Dr AnneLise Schutte-Vlok, CapeNature [joint publications] 9. Mr Cyril Lombard, adviser to the GIZ ABioSA project and the BioInnovation Africa project [marula project; joint publications]

Hosting of international conferences and symposia: e.g. joint organiser of a chemosystematics symposium at the 4<sup>th</sup> International Legume Conference in Canberra, Australia; with Prof P.M. Tilney organised the 4<sup>th</sup> International Apiales Conference in January 2003. The 14 papers on Apiales appeared in a special Issue of the South African Journal of Botany (Vol 70, part 3), edited by Prof Tilney and I. With Dr Moteetee organised a symposium on African Legumes at the 18th International Botanical Congress, Melbourne, Australia, 23–30 July 2011; Host (with Dr Moteetee, Dr Le Roux and Dr Boatwright) of the 6th International Legume Conference (at UJ in January 2013); One of three convenors of the Ethnobotany Sessions at the 20<sup>th</sup> AETFAT Conference in Stellenbosch, January 2014; Organiser: Joint annual meetings of The Society for Economic Botany and the Indigenous Plant Use Forum (Clanwilliam, 28 June–3 July 2015). Theme Leader of Theme 4: Supply chains, products, regulations and trade (with Tony Cunningham and Denzil Phillips). The Future of Frankincense Online Workshop, 15, 17 and 18 March 2021, Global Frankincense Alliance, online [<https://globalfrankincensealliance.com/>]. Organiser of the 23<sup>rd</sup> Indigenous Plant Use Forum [University of Johannesburg, 4-7 July 2021, online and again the 24<sup>th</sup> conference, 2022].

Research visits: Universities, herbaria, forestry institutes, research institutes and pharmaceutical companies in Austria, Australia, China, England, France, Germany, Hungary, Ireland, Italy, Japan, Mexico, Portugal, Russia, Singapore, Spain, Sweden, Switzerland, Thailand, Turkey and the U.S.A., as well as Botswana, Ethiopia, Ghana, Kenya, Namibia, Uganda, Madagascar and Zimbabwe. Ben Gurion University in Israel (fact finding mission, on invitation) and the International Aloe Science Council in Dallas, Texas (extensive fact-finding mission on the Aloe vera industry in the USA – visited all the major role players and companies in Dallas, Irving and Harlingen – this had an important impact on developing the local industry). Guest Professor at the Department of Pharmaceutical Biology, University of Heidelberg, Germany during 2000, 2001 and 2002. Invited study tour of Japan (Riken Institute and Toyama University) in 2005. Invited study tour of Traditional Medicine Institutions in Beijing, China (Minister of Health) in 2006; Visiting Professor at the Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico (annual visits in November, ongoing since 2014).

Radio and television appearances: mainly on the development of African Traditional Medicine (e.g., RSG, Cape Talk Radio, Radio 702, SABC2, E-TV, KYKNET, BBC, Finnish Television, French Television).

Invited speaker at international conferences and workshops: Nectar and Nectaries Symposium in Montalcino, Italy; one of two representatives from Africa at the annual international workshops on “Medicinal and Aromatic Plants” arranged by the International Centre for Science and Technology in Trieste, Italy; XVI International Botanical Conference in Vienna, Austria (and its associated symposium on Apiales) in 2005; Annual Conference of the Botanical Society of Japan in Toyama (2005) and at the Riken Institute, Japan (2007); Joint international IOCD and ISDNP Conference, Kasane, Botswana (2008); ICS-UNIDO Expert Group Meeting on Priority needs of Developing Countries in the field of medicinal and aromatic plants (MAPs), Trieste, Italy (2011); International Conference on Aloes, Forever Resorts Blyde Canyon, South Africa (2012); International Apiales Conference 2014, Istanbul, Turkey (2014); Invited plenary speaker: 63rd International Congress and Annual Meeting of the Society of Medicinal Plant and Natural Product Research (GA) [23–27 August 2015, Budapest, Hungary]; Invited plenary speaker (Paulus Gerdes Memorial Lecture): 10<sup>th</sup> General Assembly of the African Academy of Sciences, Kasane, Botswana (21–22 June 2016); Invited plenary lecture: Symposium on Indigenous knowledge, conservation of biodiversity and sustainable development – Museo de Ciencia, Cuernavaca, Mexico (14 November 2017); Invited plenary lecture: International Symposium on Advances in Lamiaceae Science – Porto Bello Hotel, Antalya, Turkey (26-29 April 2017); Invited plenary lecture: 6th World Congress on Medicinal and Aromatic Plants, Famagusta, Cyprus, 13-17 November 2019). Invited plenary lecture: 51st International Symposium on Essential Oils, 12-14 November. [International, online]; Invited

lecture: The 1st International Convention on Traditional and Complementary Medicine Practices) [Atatürk University, Anatolian Traditional and Complementary Medicine Association, Izmit (Kacaeli), Turkey, 11-13 June 2021] [International, online]; Invited lecture: Indigenous knowledge, biodiversity conservation and sustainable development symposium [Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico, 26 January 2021] [International, online]; Invited keynote lecture: “The importance and relevance of ethnobotanical research – science of the future?” (South African Association of Botanists Conference, 17 January 2022 [NorthWest University, National (online)])

Books and scientific publications: Participant and interim board member of the pan-African “Herbal Monographs Project” and the Association for African Medicinal Plant Standards Ltd. (2005–2007). I am active in the international promotion of books on the SA flora and SA medicinal plants through regular meetings and visits, mainly Frankfurt Book Fair (2000, 2002, 2003–2019), London Book Fair (2011, 2014); also Medpharm Publishers in Stuttgart and Tin Wah Press in Singapore. Member of the editorial board of the South African Journal of Botany (an Elsevier Journal); Guest editor (with A.M. Viljoen) of a Special Issue on Economic Botany [published in November 2011 as S. Afr. Afr. J. Bot. 77(4)]; Guest editor (with J.S. Boatwright) of a Special Issue on Legumes (“Advances in Legume Systematics 12”) [published in November 2013 as South African Journal of Botany 89, with 33 papers by leading legumes researchers]. Guest editor (with A.N. Moteetee) of a Special Issue on “African” Ethnobotany [published in May 2019 as South African Journal of Botany 122, with 40 papers, mostly by African scientists and researchers].

## **9. Research-related national activities (including government strategy and policy)**

9.1 Professional associations and advisory committees: Chairman of the NRF Plant Systematics Forum (1995–96); Chairman of the Working Group for Plant Systematics (1995–96); Member of the Research Advisory Committee for the board of the National Botanical Institute (1995–96); Member of the advisory committee for the Witwatersrand Botanical Garden (1995–96); Member of the Research Advisory Committee for Rooibos tea Ltd; Member of the NRF Evaluation Committee for the Technikon programme (1998–99); Member of the Evaluation Committee for the University Development Programme (1998–99); Coordinator of a Workshop and Symposium of the 1996 SAAB conference; Chairman of the organising committee of the SAAB 2001 conference at RAU; Member of the NRF Evaluation Committee for Honours Bursaries (1995–97, chairman 1998); Convenor of the NRF Evaluation Assessment Committee for Plant Sciences (1997–1999); Chairman of Indigenous Plant Use Forum (elected annually since 1996–; organise the annual IPUF conferences, attracting ca. 100–200 scientists, traditional healers and business people each year).

9.2 Research-related commercial activities: THRIP-funded collaboration with SA Druggists (now Aspen Pharmacare) in the period 1993–1999, to develop various medicinal products and new crops from indigenous medicinal plants. Products included the first branded, modern African Traditional Medicines, the “Healer’s Choice” range. This research has led to a new crop and a registered international patent (*Sceletium* and its alkaloids); Founding director of Phyto Nova (Pty) Ltd (1999–2004), who developed new crops and new medicinal products based on African Traditional Medicinal Plants, notably *Sutherlandia* (now a household name, copied by many other companies); the company was taken over by Thebe Pharmaceuticals in 2004 and renamed “Thebe Natural Medicine” with *Phyto Nova* retained as a brand name (now “Bioscience Brands”). Member of Briza Publications (CK 90/11690/23), a leading private publisher of colourful botanical books, both scientific and semi-popular, on the SA flora; Founding director and elected chairman of the “Aloe Council of South Africa” (Pty) Ltd, a NPC (non-profit company, formerly section 21 company) aimed at uniting and developing the South African Aloe industry (developed a National Standard for Aloe raw materials through the South African Bureau of Standards, SA National Standard 368, edition 1 published in 2007). Part of a multi-million National Consortium coordinated by the Medical Research Council of SA and funded by the Innovation Fund (Department of Trade and Industry of SA) to develop new drugs from indigenous plants – research funding in the amount of R3 million for three years (2004–2006) was allocated to the “African tonic project” at UJ.

9.3 Research-related involvement in government strategy and policy: Appointed by the Minister of Health (Dr ME Tsabalala-Msimang) to serve on a four-member Presidential Task Team to develop a policy framework for African Traditional Medicine in South Africa (June 2006–, announced in the Government Gazette 29288 No.

1030 of 11 October 2006). I contributed the major part of the final policy document published in the Government Gazette Vol, 517 No. 31271 of 25 July 2008.

## 10. Publications (summary)

Books: Author or co-author of 20 books (some translated into German, Polish and Korean; more than 50 editions, when counting translations and revised editions) and several book chapters.

Peer-reviewed research papers: Author or co-author of more than 380 research papers in ISI-accredited scientific journals.

Contributions to conferences: More than 350 contributions at national and international conferences.

Contributions to taxonomy and nomenclature: Author or co-author of ca. 30 formal taxonomic revisions of genera and infrageneric groups, including more than 300 new name combinations, about 85 new species, 14 new subspecies, five new tribes, five new sections, 17 new subsections and ten new genera.

International books (African and South African plants are intentionally included in these global reviews to promote South African botany):

- *Phytomedicines, Herbal Drugs and Plant Poisons of the World* (304 pages, with ca. 780 colour photographs) (2015); co-production of Kew Publishers / Royal Botanic Gardens Kew, University of Chicago Press and Briza Publications. Korean translation (Shinil Books, Korea, 2021).
- *Culinary Herbs and Spices of the World* (320 pages, with ca. 600 colour photographs) first published in December 2013 as a co-production of Kew Publishers / Royal Botanic Gardens Kew and the University of Chicago Press and in January 2014 by Briza Publications.
- *African Apiaceae: A synopsis of the Apiaceae/Umbelliferae of sub-Saharan Africa and Madagascar* (317 pages, with 1650 colour photographs and illustrations). Published by Briza Academic Books in December 2013.
- *Medicinal Plants of the World* (480 pages, with 800 colour photographs) was first published in January 2004; co-productions by Timber Press in the USA and WSG/Medpharm in Germany (the German edition is entitled “Handbuch der Arzneipflanzen”); English and German reprints (including an Asian co-production) in August 2004; Korean and Polish translations published in 2007; awarded by Korean Government as the best translated book of 2007; seven reprints, last in 2013); Revised and expanded German edition published in 2015; Revised and expanded English edition (CABI, UK, 2017).
- *Food Plants of the World* (480 pages, 1100 colour photographs) was published in October 2005; co-productions by Timber Press (USA), Times Media (Singapore) and WSG/Medpharm (Germany); the German translation is entitled “Handbuch der Nahrungspflanzen”; Korean translation (2009); Revised and expanded English edition (CABI, UK, 2019).
- *Mind-Altering and Poisonous Plants of the World* (2008); co-productions by Timber Press in the USA and WSG/Medpharm in Germany (the German edition is entitled “Handbuch der giftigen und psychoaktiven Pflanzen”); Korean translation (2014); awarded by Korean Government as the best translated book of 2014.
- *Guide to Garden Succulents* (320 pages, with 450 colour photographs) was published in 2008; co-production by Timber Press in the USA (the USA edition is entitled *The Garden Succulent Primer*; Revised and expanded English and Afrikaans editions (Briza Publications, 2019).
- *Cut Flowers of the World* (400 pages, with 800 colour photographs), published in April 2010; co-production by Timber Press in the USA. Revised and expanded English edition (CABI, UK, 2020).

Best-known books on southern African plants:

- *Medicinal Plants of South Africa* (revised and expanded edition 2009, reprinted 2013, 2017); (first published in 1997, reprinted 2000, 2002, 2005);

- *Guide to Aloes of South Africa* (3rd expanded and revised edition, 2014) (also in Afrikaans, 2014); (first published in 1996, 2nd edition 2004, reprinted 2005, 2007, 2010; Korean translation 2010);
- *People's Plants: A guide to useful plants of southern Africa* (2000, reprinted 2002, 2007); Revised and expanded edition (2018).
- *Photographic Guide to trees of southern Africa* (2000, new edition 2008);
- *Poisonous Plants of South Africa* (2002, reprinted 2005, 2013; 2016).

## 11. Postgraduate students

### MSc (32 students completed); PhD (20 students completed)

MSc cum laude (20 students): A.L. Schutte (1988), M. Koekemoer (1990), P. Winter (1994), I. Allison (1995), D. Moshe (1998), G. Campbell (1998), N. Vessio (2001); C. O'Brien (2006); A.R. Magee (2007), M. le Roux (2007); I.M. Hulley (2010); J.M. Nortje (2012); \*\*\*J.J.J. De Beer (2012); H.S. Long (2014); A.K. Ruiters (2015); S.-L. Hutchinson (2016); N. Visser (2018); G.P. Khumalo (2019); S.G. Mbanjwa (2020); M. Mutuwa (2021).

MSc (12 students): P.M.F.G. Teurlings (1989), N.C. Netnou (2001), Candice Gaffney (2006); B.M. Corrigan (2009); Tandiwe Nkonki (2013); Thabang Phago (2017); O.K. Sobiyi (2017); M.M.P. Mogale (2019); L.S. Mhlongo (2019); E. Siteo (2021); L. Mataha (2022); T.P. Shabangu (2022).

PhD (20 students): A.L. Schutte (1995); \*\*\*A.M. Viljoen (1999); \*\*\*M. van der Bank (1999); M. Schubert (2000); M. Koekemoer (2002); \*\*\*A. Moteetee (2004); \*\*\*M. (Rebecca) Liu (2004); \*\*P. Steenkamp (2005); \*\*\*Helene de Wet (2006); \*\*Stephen Boatwright (2009); Anthony Magee (2009); M.M. le Roux (2012); B.J. de Villiers (2012); D.Olivier (2013); I.M. Hulley (2018); K. Magwede (2019); J.M.Nortje (2020); A.K. Ruiters-Welcome (2020); \*\*\*J.J.J. de Beer (2021); M. Oyedeji-Amusa (2021).

Postdoctoral fellows: \*\*\*M. Liu (2006); \*\*A.A. Oskolski (2007, 2009); \*\*E. Yembaturova (2007–2008); E. Kotina (2010–2011; 2013–2014; 2016–2017); A. Stepanova (2011); N.J. Sadgrove (2016–2017).

Ongoing students: 2 MSc.; 10 PhD.

[Current status: \*\*\*professor (6), \*\*associate professor (4)].

## 12. List of publications

### 12.1 Books:

Van Wyk, B.-E., Wink, M. 2021. *Phytochemicals, Herbal Drugs and Plant Poisons*. Korean translation (318 pages). Shinil Books, South Korea. ISBN 979-11-91489-01-9 (Korean edition)

Maree, J., Van Wyk, B.-E. 2020. *Cut Flowers of the World*. Revised and expanded second edition, 472 pages. Co-production: CABI, Oxfordshire, UK & Boston USA and Briza Publications, Pretoria. ISBN 978-1-789241-33-4 (International edition)

Smith, G.F. & Van Wyk, B.-E. 2019. *Garden Succulents*. Revised and expanded second edition, 312 pages. Briza Publications, Pretoria. ISBN 978-1-920217-75-4

Smith, G.F. & Van Wyk, B.-E. 2019. *Tuinvetplante* (312 pages). Briza Publications, Pretoria. ISBN 978-1-920217-76-1 (Afrikaans edition).

Van Wyk, B.-E., Gericke, N. 2018. *People's Plants: a guide to useful plants of southern Africa*. Revised and expanded edition (416 pages, ca. 900 photographs). Briza Publications, Pretoria. ISBN 978-1-920217-71-6

Boatwright, J.S., Tilney, P.M., Van Wyk, B.-E. 2018. A monograph of the genus *Calobota* (Fabaceae). *Strelitzia* 39. South African National Biodiversity Institute, Pretoria. ISBN 978-1-928224-27-3

Van Wyk, B.-E. 2018. *Food Plants of the World*. Revised and expanded second edition, 520 pages. Co-production: CABI, Oxfordshire, UK & Boston USA and Briza Publications, Pretoria. ISBN 978-1-486311-66-8 (International edition)

Van Wyk, B.-E., Wink, M. 2017. *Medicinal Plants of the World*. Revised and expanded second edition, 520 pages. Co-production: CABI, London and Briza Publications, Pretoria. ISBN 978-1-786393-25-8

Van Wyk, B.-E., Wink, C., Wink M. 2015. *Handbuch der Arzneipflanzen*. Wissenschaftliche Verlagsgesellschaft, Stuttgart. (Revised and expanded third edition, 520 pages). ISBN 978-3-8047-3409-8

- Van Wyk, B.-E., Wink, M. 2015. *Phytomedicines, Herbal Drugs and Plant Poisons of the World*. (304 pages). Co-production: Kew Publishers/Royal Botanic Gardens, Kew, UK; University of Chicago Press, USA; Briza Publications, Pretoria (2015). ISBN 978-1-875093-78-6
- Van Wyk, B.-E., Smith, G.F. 2014. *Guide to the aloes of South Africa*. Briza Publications, Pretoria. (Revised and expanded 3rd edition, 376 pages). ISBN 978-1-920217-38-9
- Van Wyk, B.-E., Smith, G.F. 2014. *Gids tot die aalwyne van Suid-Afrika*. Briza Publications, Pretoria. (376 pages). ISBN 978-1-920217-39-6
- Van Wyk, B.-E. (2013). *Culinary Herbs and Spices of the World*. (320 pages). Co-production: Kew Publishers/Royal Botanic Gardens, Kew, UK [ISBN-13: 978-1-84246501-1 (cloth)]; University of Chicago Press, USA [ISBN-13: 978-0-226-09166-2 (cloth), ISBN-13: 978-0-226-09183-9 (e-book)]; Briza Publications, Pretoria (2014) ISBN 978-1-875093-93-9
- Van Wyk, B.-E., Tilney, P.M., Magee, A.R. (2013). *African Apiaceae: A synopsis of the Apiaceae/Umbelliferae of sub-Saharan Africa and Madagascar*. Briza Academic Books, Pretoria. (317 pages). ISBN 978-1-920146-05-4
- Maree, J., Van Wyk, B.-E. (2010). *Cut Flowers of the World*. Co-production: Briza Publications, Pretoria; Timber Press, USA. (400 pages). ISBN 978-1-875093-68-7
- Van Wyk, B.-E., Van Oudtshoorn, B., Gericke, N. 2009. *Medicinal Plants of South Africa*. Briza Publications, Pretoria. (Revised and expanded edition, 336 pages; reprinted 2013) ISBN 978-1-875093-37-3.
- Wink M., Van Wyk, B.-E., Wink, C. 2008. *Handbuch der giftigen und psychoactiven Pflanzen*. Wissenschaftliche Verlagsgesellschaft, Stuttgart. (464 pages). ISBN 978-3-8047-2425-9
- Wink, M. & Van Wyk, B.-E. 2008. *Mind-Altering and Poisonous Plants of the World*. Co-production: Briza Publications, Pretoria; Medpharm Publishers, Germany; Timber Press, USA. (464 pages). ISBN 978-3-8047-2425-9; Korean translation (2014).
- Dugmore, H. & Van Wyk, B.-E. 2008. *Muthi and Myths from the African Bush*. Briza Publications, Pretoria (128 pages). (Also in Afrikaans: "Muti en Mites uit Afrika").
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## 12.2 Book Chapters:

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- Van Wyk, B.-E., Tilney, P.M. 2003. Apiaceae. In: G. Germishuizen & N.L. Meyer (eds), *Plants of southern Africa: an annotated checklist. Strelitzia 14*: 123–132. National Botanical Institute, Pretoria. ISBN 1-919795-99-5
- Van Wyk, B.-E. 2003. *Bolusia*. In: G.V. Pope, R.M. Polhill & E.S. Martins (eds), *Flora Zambesiaca Vol. 3, part 7*, pp. 228–233. Royal Botanic Gardens, Kew, London. ISBN 1 84246 063 3
- Goldenhuyts, C.J. & Van Wyk, B.-E. 2002. Indigenous biological resources of Africa. In: Baijnath, H. & Singh, Y. (eds). *Rebirth of Science in Africa. A Shared Vision for Life and Environmental Sciences*, pp. 116–132. Umdaus Press, Pretoria. ISBN 1-919766-23-5
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- Van Wyk, B.-E. & Schutte, A. L. 1995. Phylogenetic relationships in the tribes Podalyrieae, Liparieae and Crotalariaeae. In: M. Crisp & J.J. Doyle (eds). *Advances in Legume Systematics 7: Phylogeny*, pp. 283–308. Royal Botanic Gardens, Kew. ISBN 0 947643 79 6
- Van Wyk, B.-E. 1991. A review of the tribe Crotalariaeae (Fabaceae). *Contributions from the Bolus Herbarium 13*, pp. 265–288. ISBN 0799213020

## 12.3 Research Papers in ISI-accredited journals

### **2022:**

- Khumalo, G.P., Van Wyk, B.-E., Feng, Y., Cock, I.E. (2022). A review of the traditional use of southern African medicinal plants for the treatment of inflammation and inflammatory pain. *Journal of Ethnopharmacology* 283:114436. doi: 10.1016/j.jep.2021.114436. [IF: 4.360]
- Hutchinson, S.L., Van Wyk, B.-E., Magee, A.R. 2022. Taxonomy and ethnobotanical overview of ikhathazo: The *Alepidea amatymbica* group (Saniculeae, Apioidae, Apiaceae). *South African Journal of Botany* 146: 12-14 [IF: 3.111]
- Sommerlatte, H., Van Wyk, B.-E. 2022. Observations on the Role of Wood Boring Insects in the Inducement of Resins of two Commercially Important *Commiphora* and *Boswellia* Species in Kenya [Diversity 14, 58 [IF: 3.029]
- De Beer, J.J.J. & Van Wyk, B.-E. 2022. Indigenous knowledge systems and Western science: the conundrum of validation. [Indilinga 20(2): 170-193.
- Lombard, N., Stander, M.A., Redelinghuys, H., Le Roux, M.M., Van Wyk, B.-E. 2022. A study of phenolic compounds and their chemophenetic value in the genus *Thesium* (Santalaceae). *Diversity* 14, 590 [IF (2022): 3.029]
- De Beer, J.J.J., Van Wyk, B.-E. 2022. Learning about science and pseudoscience: A classroom activity on the Rationality Index of Plant Use (RIPU). *American Biology Teacher* 84(8): 488-495. [IF (2020): 0.282]
- Rattray, R.D., Mokwena, L., Stander, M.S., Van Wyk, B.-E. 2022. Essential oil composition and traditional uses of *Salvia dentata*, a poorly known medicinal plant from Namaqualand, South Africa. *Molecules* 27(19), 6478; <https://doi.org/10.3390/molecules27196478> [Impact Factor 4.927]

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- Khumalo, G.P., Sadgrove, N.J., Van Vuuren, S.F., Van Wyk, B.-E. 2021. South Africa's best BARK medicines prescribed at the Johannesburg muthi markets for skin, gut, and lung infections: MIC's and brine shrimp lethality. *Antibiotics* 10(6), 681 [IF: 4.639]
- Visser, N., Le Roux, M.M., Van Wyk, B.-E., 2021. A taxonomic revision of the *Thesium scirpioides* species complex (Santalaceae) near endemic to South Africa. *South African Journal of Botany* 138: 193-208. [IF: 2.325].

Brendler, T., Brinckmann, J.A., Feiter, U., Gericke, N., Lang, L., Pozharitskaya, O.N., Shikov, A., Smith, M., Van Wyk, B.-E. 2021. Sceletium for Managing Anxiety, Depression and Cognitive Impairment: a Traditional Herbal Medicine in Modern-Day Regulatory Systems. *Current Neuropharmacology* 19: 1384-1400 [IF: 7.363]

Visser, N., Le Roux, M.M., Van Wyk, B.-E., 2021. Electronic identification keys for plants with cryptic morphological characters: a feasibility study using *Thesium* species. *Phytokeys* 172, 97. [IF: 1.365]

Van Schalkwyk, F.J., Stander, M.A., Nsizwane, M., Mathee, A., Van Wyk, B.-E., 2021. Fatal pyrrolizidine alkaloid poisoning of infants caused by adulterated *Senecio coronatus*. *Forensic Science International* 320, 110680. [IF: 2.395]

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## **2020:**

Van Wyk, B.-E., 2020. A family-level floristic inventory and analysis of medicinal plants used in Traditional African Medicine. *Journal of Ethnopharmacology* 249, 112351. [IF: 3.690]

Welcome, A.K., Van Wyk, B.-E. 2020. Spatial patterns, availability and cultural preferences for edible plants in southern African. *Journal of Biogeography* 47: 584-599. [IF: 4.000]

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Hulley, I.M., Van Vuuren, S.F., Sadgrove, N.J., Van Wyk, B.-E. 2019. Traditional uses of *Elytropappus rhinocerotis* (Asteraceae) against foot odour and other skin diseases. *Journal of Ethnopharmacology* 228: 92-98 [IF: 3.115]

Edwards, T., Howieson, J., Nutt, B., Yates, R., O'Hara, G., Van Wyk, B.-E. 2019. A ley-farming system for marginal lands based upon a self regenerating perennial pasture legume. *Agronomy for Sustainable Development* 39: 13 [2017 IF: 4.503]

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- Van Wyk, B.-E. 2019. The diversity and multiple uses of southern African legumes. Australian Systematic Botany (Special Edition – Advances in Legume Systematics 13) 32: 519-546. [IF: 0.18]
- Sobiya, O.K., Sadgrove, N.J., Magee, A.R., Van Wyk, B.-E., 2019. The ethnobotany and major essential oil compounds of anise root (*Annesorhiza* species, Apiaceae). South African Journal of Botany 126: 309-316. [IF: 1.504]
- Hulley, I.M., Özek, G., Sadgrove, N.J., Tilney, P.M., Özek, T., Başer, K.H.C., Van Wyk, B.-E. 2019. Essential oil composition of a medicinally important Cape species: *Pentzia punctata* (Asteraceae). South African Journal of Botany 127: 12-18 [IF: 1.504]
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- Khodaei, Z., Van Wyk, B.-E., Wink, M. 2018. Divergence time estimation of aloes and allies (Xanthorrhoeaceae) based on multiple genes. Diversity 10, 60: 1–15. doi:10.3390/d10030060
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- Stander, M.A., Van Wyk, B.-E., Taylor, M., Long, H.S. 2017. Analysis of phenolic compounds in rooibos tea (*Aspalathus linearis*) with a comparison of flavonoid-based compounds in plants from different regions. Journal of Agricultural and Food Chemistry 65: 10270–10281 [IF: 3.154]
- Kotina, E.L., Oskolski, A.A., Tilney, P.M., Van Wyk, B.-E. 2017. Bark and wood anatomy of *Leucosidea* and *Cliffortia* (Sanguisorbeae, Rosaceae). IAWA Journal 38 (1): 13–28. [Impact Factor (2016): 1.18; ISSN 0928-1541]
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- Van Wyk, B.-E. 1989. Studies in *Lotononis* (Crotalariaeae, Fabaceae). VIII. A new species of the *L. corymbosa* group and notes on the taxonomy of the section *Lipozygis*. *South African Journal of Botany* 55(5): 528–532.
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- 1987:**
- Van Wyk, B.-E. 1987. *Lotononis brevicaulis*: a new species from the south-western Cape province. *South African Journal of Botany* 53(2): 161–165.
- Van Wyk, B.-E. 1987. Taxonomic notes on *Argyrolobium variopile*, and the status of *Lotononis magnistipulata*. *South African Journal of Botany* 53(3): 395–397.
- 1986:**

Van Wyk, B.-E. 1986. A revision of *Virgilia* (Fabaceae - Podalyrieae). South African Journal of Botany 52: 347–353.

#### **1982:**

Van Wyk, B.-E. 1982. Keur (*Virgilia oroboides*): a feasible indigenous hardwood for the South African forestry industry. South African Forestry Journal 122: 49–51.

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### **13. List of Conference Contributions**

#### **13.1 Invited lectures (since 2008)**

Van Wyk, B.-E. 2022. "The concept of 'buchu' and the ancient origins of aromatherapy". 52nd International Symposium on Essential Oils, Wrocław, Poland 4-7 September 2022 [International, one of five plenary lectures, in person].

Van Wyk, B.-E. 2022. "The importance of ethnobiological knowledge in biodiversity conservation." 25th Congress of the Mesoamerican Society for Biology and Conservation, 16 September 2022, Mexico City, Mexico [International, online presentation].

Van Wyk, B.-E. 2022. "A review of ethnobotanical research in South Africa, some comparisons with Mexico, and opportunities for collaboration." 22<sup>nd</sup> Mexican Botanical Congress, (organized by the Mexican Botanical Society), 25 to 30 September 2022, Puebla, Mexico. [International, one of 5 invited plenary lectures, in person].

Van Wyk, B.-E. 2022. "Evolution and Indigenous Plant Use". The Sustainability Research and Innovation Congress 2022 (SRI2022), 20-24 June 2022, Pretoria, South Africa [International, in person]

Van Wyk, B.-E. 2022. "Diversity and ecological state of aromatic plants". 2nd South African Conference on essential and vegetable oils. Hatfield Hotel, Pretoria, 21-22 July 2022 [National, in person]

Van Wyk, B.-E. 2022. "The importance and relevance of ethnobotanical research – science of the future?" (Invited keynote lecture: South African Association of Botanist Conference, 17 January 2022 [NorthWest University (online)])

Van Wyk, B.-E. 2021. "The importance of indigenous knowledge and ethical guidelines for researchers." (Invited lecture: Indigenous knowledge, biodiversity conservation and sustainable development symposium [Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico, 26 January 2021] [International, online])

Van Wyk, B.-E. 2021. "South African Ethnobotany". (Invited lecture: The 1st International Convention on Traditional and Complementary Medicine Practices) [Atatürk University, Anatolian Traditional and Complementary Medicine Association, Izmit (Kacaeli), Turkey, 11-13 June 2021] [International, online].

Van Wyk, B.-E. 2021. "A global perspective on the diversity of aromatic plants". (Invited plenary lecture: 51st International Symposium on Essential Oils, 12-14 November). [International, online].

Van Wyk, B.-E. 2019. "A review of African medicinal and aromatic plants" (invited plenary lecture: 6th World Congress on Medicinal and Aromatic Plants, Famagusta, Cyprus, 13-17 November 2019) [International]

Van Wyk, B.-E. 2017. "The importance of indigenous knowledge and strategies to record and use it in an ethical way". (invited plenary lecture: Symposium on Indigenous knowledge, conservation of biodiversity and sustainable development – Museo de Ciencia, Cuernavaca, Mexico, 14 November 2017.) [International]

Van Wyk, B.-E. 2017. "The diversity, chemistry and traditional uses of southern African Lamiaceae". (invited plenary lecture: International Symposium on Advances in Lamiaceae Science – Porto Bello Hotel, Antalya, Turkey, 26-29 April 2017) [International]

Van Wyk, B.-E. 2016. "Research on indigenous plant use knowledge – how to ensure equitable relationships with indigenous communities". (invited plenary lecture: Symposium on Indigenous knowledge, conservation of biodiversity and sustainable development – Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico, 28 October 2016.) [International]

Van Wyk, B.-E. 2016. "Research on South African medicinal plants". (Invited lecture: Seminar: CIBIS (Biomedical Research Center) of the *Seguro Social* (social health system of Mexico), Cuernavaca, Mexico, 26th of October 2016) [International]

Van Wyk, B.-E. 2016. "The rich African flora as a source of inspiration for scientific, cultural and commercial innovations" (invited plenary lecture – Paulus Gerdes Memorial Lecture: 10<sup>th</sup> General Assembly of the African Academy of Sciences, 21–22 June 2016, Kasane, Botswana) [International].

Van Wyk, B.-E. 2016. "Botanical and chemical variation in southern African medicinal plants" (invited plenary lecture: SASBMB – Conference of the South African Biochemistry Molecular and Biotechnology Society, East London, 10–14 July 2016) [National]

Van Wyk, B.-E. 2015. "Cape Botany: maximizing the scientific, cultural and socio-economic opportunities presented in a unique flora" (invited keynote lecture: Bolus Herbarium 150<sup>th</sup> Anniversary Celebrations, University of Cape Town, 8 December 2015) [National]

Van Wyk, B.-E. 2015. "Quantitative ethnobotanical methods to record and analyse Khoi-San indigenous knowledge". (invited plenary lecture: Symposium on Biodiversity and Sustainable Use, Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico, 28 October 2015.) [International]

- Van Wyk, B.-E. 2015. "Intellectual property rights and access and benefit-sharing" (invited lecture: Workshop on Intellectual Property Rights, International Joint SEB-IPUF Conference, Clanwilliam, South African, 30 June 2015) [International]
- Van Wyk, B.-E. 2015. "African perspectives on natural product research based on ethnobotanical and ethnopharmacological knowledge" (invited plenary lecture: 63rd International Congress and Annual Meeting of the Society of Medicinal Plant and Natural Product Research (GA), Budapest, Hungary, 23–27 August 2015) [International]
- Van Wyk, B.-E. 2014. "New perspectives on African Apiaceae and implications for a global classification system". (invited keynote lecture: International Apiales Conference, Istanbul, Turkey, 1–3 August 2014) [International]
- Van Wyk, B.-E. 2014. "The commercial potential of southern African succulents in the herbal medicine industry". (invited lecture: International succulent plant conference "Xerophytica – Plants for our Future (The Aloe, Cactus and Succulent Society of Zimbabwe), Harare, Zimbabwe, 20–21 June 2014) [International]
- Van Wyk, B.-E. 2014. "Indigenous Knowledge and Medicinal Plants". (invited plenary lecture: Independent Examination Board National User Group Conference (Life Science); Birchwood Conference Centre, Kempton Park, South Africa, 1 February 2014) [National]
- Van Wyk, B.-E. 2012. "The uses of Aloe in traditional and modern medicine". (invited plenary lecture: Inhlaba Indaba – International Conference on Aloes, Forever Resorts Blyde Canyon, Mpumalanga, South Africa, 19–21 June 2012) [International]
- Van Wyk, B.-E. 2011. "A comparison of traditional medicine systems in South Africa and the most important medicinal plants that are used". (invited lecture: 37 th Congress of the South African Association of Botanists, Grahamstown, South Africa, 17–19 January 2011) [National]
- Van Wyk, B.-E. 2011. "New crop and new product development in the field of MAP's in South Africa". (invited lecture: ICS-UNIDO Expert Group Meeting on Priority needs of Developing Countries in the field of medicinal and aromatic plants (MAPs), Trieste, Italy 21–22 February 2011). [ICS is the International Centre for Science and High Technology in Trieste, Italy, and operates under the aegis of the United Nations Industrial Development Organization (UNIDO) [International]
- Van Wyk, B.-E. 2011. "A review of Khoisan plant use". (invited lecture: Fynbos Forum, Still Bay, 31 May to 3 June 2011. [National]
- Van Wyk, B.-E. 2010. "Ethnobotanical, historical and commercial perspectives on natural product development in South Africa". (Invited lecture: 11 th Congress of the International Society of Ethnopharmacology, Albacete, Spain, 20–25 September 2010) [International]
- Van Wyk, B.-E., Moteetee, A.N., Le Roux, M.M. & Boatwright, J.S. 2010. "Congruence between morphology, chemistry and molecular evidence in the new classification of African genistoid legumes". (Invited lecture: 5th International Legume Conference, Buenos Aires, Argentina, 8–14 August 2010) [International]
- Van Wyk, B.-E. 2009. "Nutritional and medicinal use of Cape bulbs". (invited lecture: Workshop on "Geophytes and the origins of modern humans", Dias Museum, Mossel Bay, South Africa, 6–7 June 2009) [International]
- Van Wyk, B.-E. 2009. "Hoogtepunte in die ontdekking en ontginning van Suid-Afrika se botaniese rykdom". (invited lecture: Centennial Celebration of the South African Academy of Science and Art, Bloemfontein, South Africa, 26 June 2009) [National]
- Van Wyk, B.-E. 2008. "Botanical and chemical diversity in the African flora". (invited plenary lecture: Joint international IOCD and ISDNP Conference, Kasane, Botswana, 24–29 February 2008) [International]

## 13.2 All conference contributions

### 2017:

- Van Wyk, B.-E. 2017. "The diversity and commercial potential of the African flora". (Poster: 19<sup>th</sup> International Botanical Congress, Shenzhen, China, 23–29 July 2017.) [International]
- Van Wyk, B.-E. 2017. "Chemosystematic studies of African Apiaceae (Umbelliferae)". (lecture: 9<sup>th</sup> International Apiales Symposium, Guangzhou, China, 31 July–2 August 2017.) [International]
- Tilney, P.M., Van Wyk, B.-E. 2017. "A revision of *Lichtensteinia* (tribe Lichtensteinieae, Apiaceae)". (lecture: 9<sup>th</sup> International Apiales Symposium, Guangzhou, China, 31 July–2 August 2017.) [International]
- Van Wyk, B.-E. 2017. "The importance of indigenous knowledge and strategies to record and use it in an ethical way". (invited plenary lecture: Symposium on Indigenous knowledge, conservation of biodiversity and sustainable development – Museo de Ciencia, Cuernavaca, Mexico, 14 November 2017.) [International]
- Van Wyk, B.-E. 2017. "The diversity, chemistry and traditional uses of southern African Lamiaceae". (invited plenary lecture: International Symposium on Advances in Lamiaceae Science – Porto Bello Hotel, Antalya, Turkey, 26-29 April 2017) [International]
- Hulley, I.M., Başer, K.H.C., Özek, G., Özek, T., Tilney, P.M., Van Wyk, B.-E. 2017. "Essential oil chemistry and medicinal uses of *Pegolettia baccharidifolia* and *Pegolettia retrofracta* (Asteraceae)". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).
- Khumalo, G.P., Sadgrove, N.J., Van Vuuren, S., Van Wyk, B.-E. 2017. "Antimicrobial activity of volatiles and isolated compounds from stem bark and leaves of *Warburgia salutaris* (Canellaceae) against skin and respiratory pathogens". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).



- Kotina, E.L., Van Wyk, B.-E. 2017. "The identification of bark samples sold on muthi markets using morphological and structural characters". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).
- Magwede, K., Van Wyk, B.-E., Van Wyk, A.E. 2017. "An inventory of Vhavenda traditional plant use". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).
- Mhlongo, L.S., Van Wyk, B.-E. 2017. "Ethnobotanical knowledge related to craft plants of the Amandawe area, KwaZulu-Natal, South Africa". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).
- Ruiters, A.K., Van Wyk, B.-E. 2017. "A new method to determine the cultural and biome patterns of edible plants". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).
- Sadgrove, N.J., Niemann, H.J., Van Wyk, B.-E. 2017. "A phytochemical comparison of three geophytic *Pelargonium* species used in traditional medicine". (lecture: 20th Conference of the Indigenous Plant Use Forum, Pretoria, South Africa, 9–12 July 2017).
- Van Wyk, B.-E. 2017. "An updated review of Khoi-San ethnobotany". (lecture, 58<sup>th</sup> Annual Meeting of the Society for Economic Botany, Bragança, Portugal, 4–9 June 2017).
- Nortje, J., Van Wyk, B.-E. 2017. "Quantitative ethnobotany of Namaqualand, South Africa". (lecture, 58<sup>th</sup> Annual Meeting of the Society for Economic Botany, Bragança, Portugal, 4–9 June 2017).
- Hulley, I.M., Van Wyk, B.-E., Schutte-Vlok, A.L. 2017. "Quantitative ethnobotany of the Little Karoo, South Africa". (lecture, 58<sup>th</sup> Annual Meeting of the Society for Economic Botany, Bragança, Portugal, 4–9 June 2017).
- Magwede, K., Van Wyk, B.-E. 2017. "A quantitative survey of Venda ethnobotany". (lecture, 58<sup>th</sup> Annual Meeting of the Society for Economic Botany, Bragança, Portugal, 4–9 June 2017).
- Sadgrove, N.J., Van Wyk, B.-E. 2017. "The chemical divergence of two geographically isolated genera of Cupressaceae: Australian *Callitris* and South African *Widdringtonia*". (lecture, 58<sup>th</sup> Annual Meeting of the Society for Economic Botany, Bragança, Portugal, 4–9 June 2017).
- Ruiters, A.K., Van Wyk, B.-E. 2017. "New insights from an updated checklist of the food plants of southern Africa". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Nortje, J.M., Van Wyk, B.-E. 2017. "Quantitative ethnobotany of the Khoi-San descendants of the Hardeveld, Namaqualand, South Africa". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Magwede, K., Van Wyk, B.-E. 2017. "Checklist of Vhavenda useful plants". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Kotina, E.L., Oskolski, A.A., Tilney, P.M., Van Wyk, B.-E. 2017. "Descriptive terminology for bark anatomical characters: some unusual bark features of South African plants". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Khumalo, G.P., Sadgrove, N.J., Van Vuuren, S., Van Wyk, B.-E. 2017. "The ethnobotany, chemistry and biological activity of *Erythrina lysistemon* (Fabaceae) stem bark". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Hulley, I.M., Van Wyk, B.-E., Schutte-Vlok, A.L. 2017. "A comprehensive study of the medicinal ethnobotany of the Little Karoo, South Africa". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Niemann, H.J., Van Wyk, B.E., Sadgrove, N.J. 2017. "Phytochemical profiling of some red rooted species of *Pelargonium* (Geraniaceae) with a documented history of ethnomedicinal use". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- Sadgrove, N.J., Hulley, I.M., Sobiyi, O.K., Van Wyk, B.-E. 2017. "Chemically unusual essential oils from arid zones". (lecture: 43rd Annual Conference of the South African Association of Botanists (SAAB), Lagoon Beach Hotel, Cape Town /University of the Western Cape, 8–11 January 2017).
- 2016:**
- Van Wyk, B.-E. 2016. "Aloe research, tapper history and local communities creating value". Lecture: Aloe Symposium, Albertinia, 11 November 2016; symposium organised by the Aloe Council of South Africa NPC).
- Van Wyk, B.E. 2016. "The rich African flora as a source of inspiration for scientific, cultural and commercial innovations" (invited plenary lecture – Paulus Gerdes Memorial Lecture: 10<sup>th</sup> General Assembly of the African Academy of Sciences, Kasane, Botswana, 21–22 June 2016)
- Van Wyk, B.-E. 2016. "Botanical and chemical variation in southern African medicinal plants" (invited plenary lecture: SASBMB – Conference of the South African Biochemistry Molecular and Biotechnology Society, East London, 10–14 July 2016)
- Van Wyk, B.-E. 2016. "Research on indigenous plant use knowledge – how to ensure equitable relationships with indigenous communities". (invited plenary lecture: Symposium on Indigenous knowledge, conservation of biodiversity and sustainable development – Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico, 28 October 2016.) [International]

- Van Wyk, B.-E. 2016. "Research on South African medicinal plants". (Invited lecture: Seminar: CIBIS (Biomedical Research Center) of the *Seguro Social* (social health system of Mexico), Cuernavaca, Mexico, 26th of October 2016) [International]
- Van Wyk, B.-E. 2016. "Historical perspectives on contemporary medicinal plant use by Khoe-San descendants in the Cederberg region of South Africa". Lecture: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): SL28 (2016)
- Magwede, K., Van Wyk, B.E., 2016. "Quantification of Vhavenda medicinal plant use". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 324 (2016).
- De Beer, J., Van Wyk, B.-E. 2016. "Ethnobotanical and anthropological perspectives on the use of magic plants in traditional healing practices in South Africa". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 314 (2016).
- Hulley, I.M., Van Wyk, B.-E., Schutte-Vlok, A.L. 2016. "Traditional medicine of the Little Karoo, Western Cape Province, South Africa". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 363 (2016).
- Ruiters, A.K., Gericke, N., Stander, M., Van Wyk, B.-E. 2016. "The Apocynaceae as a major source of functional foods in Southern Africa". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 804 (2016)
- Van Wyk, B.-E., Stander, M.A., Long, H.S. 2016. "Pyrrolizidine alkaloid contamination of rooibos tea (*Aspalathus linearis*)". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 1106 (2016).
- Kotina, E.L., Tilney, P.M., Van Wyk, B.-E. 2016. "Identification of South African medicinal barks". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 222 (2016).
- Nortje, J.M., Van Wyk, B.-E. 2016. A new quantitative approach to ethnobotanical studies in Namaqualand, South Africa. Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 881 (2016). [Winner of the Best Poster Award]
- Sadgrove, N.J., Telford, I.R.H., Lyddiard, D., Collins, T.L., Klepp, J., Legendre, S., Bruhl, J.J., Jones, G.L., Greatrex, B.W., Van Wyk, B.-E. 2016. "Transdisciplinary implications from contemporary Australian natural product discoveries: Essential oils and saponins in phytochemistry, ethnopharmacology, and systematics". Poster: 9th Joint Natural Products Conference, Copenhagen, Denmark, 24–27 July 2016. Abstract published in *Planta Medica* 81 (S 01): 1105 (2016).
- Long, H.S., Van Wyk, B.-E., Stander, M. 2016. "*Senecio angustifolia* is the main pyrrolizidine alkaloid contaminant of rooibos tea". Poster: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 322 (2016).
- Ruiters, A.K., Gericke, N., Stander, M., Van Wyk, B.-E. 2016. "A review and analysis of edible plants of southern Africa". Lecture: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 346-347 (2016).
- Magwede, K., Van Wyk, B.-E. 2016. An inventory of Vhavenda useful plants, Limpopo Province, South Africa. Lecture: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 325 (2016).
- Nkonki, T., Van Wyk, B.-E. 2016. Phylogeny of the genus *Lessertia* (Fabaceae, Galegeae). Poster: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 340 (2016).
- Kotina, E.L., Oskolski, A.A., Tilney, P.M., Van Wyk, B.-E. 2016. "The structure (and function) of green bark in some African plants". Lecture: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 319 (2016).
- Hutchinson, S.-L., Sandasi, M., Viljoen, A.M., Van Wyk, B.-E., Magee, A.R. 2016. "Chemical and DNA fingerprinting of *ikhathazo* (Alepidea, Apiaceae): Applications for conservation and monitoring of trade". Lecture: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 318 (2016).
- Hulley, I.M., Van Wyk, B.-E., Schutte-Vlok, A.L. 2016. "Quantitative medicinal ethnobotany of the Little Karoo: Which species are used for what ailments?" Lecture: 42nd Annual SAAB Conference, Bloemfontein, 10–13 January 2016. Abstract published in *South African Journal of Botany* 103: 317-318 (2016).
- Hulley, I.M., Sadgrove, N.J., Van Wyk, B.-E. 2016. "Aromatic profiles and traditional uses of two Cape species of *Pentzia* (Asteraceae)". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)
- Khumalo, G.P., Van Wyk, B.-E., Van Vuuren, S., Sadgrove, N. 2016. "A scientific survey of the medicinal barks on the Johannesburg muthi markets". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)
- Kotina, E.L., Van Wyk, B.-E., Oskolski, A.A., Tilney, P.M. 2016. "Bark anatomy of some South African Rutaceae used in traditional medicine". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)
- Magwede, K., Van Wyk, B.-E. 2016. "Vhavenda plant use in craft-work". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)
- Mhlongo, L.S., Van Wyk, B.-E. 2016. "The ethnobotany of the Amandawe area, KwaCele, KwaZulu-Natal". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)
- Sadgrove, N., Van Wyk, B.-E. 2016. "A comparison of the use and chemistry of Australian *Callitris* and its South African sister genus *Widdringtonia* (Cupressaceae)". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)

Sobiya, O.K., Sadgrove, N.J., Magee, A.R., Van Wyk, B.-E. 2016. "Furanocoumarins of the genus *Notobubon* (Apiaceae)". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)

Tilney, P.M., Van Wyk, B.-E. 2016. "The value of leaf anatomy in the identification of selected medicinal and toxic plants". (lecture: 19th Conference of the Indigenous Plant Use Forum, Port St Johns, South Africa, 4–6 July 2016)

## **2015:**

Van Wyk, B.-E. 2015. "Cape Botany: maximizing the scientific, cultural and socio-economic opportunities presented in a unique flora" (invited keynote lecture: Bolus Herbarium 150<sup>th</sup> Anniversary Celebrations, University of Cape Town, 8 December 2015)

Van Wyk, B.-E. 2015. "Quantitative ethnobotanical methods to record and analyse Khoi-San indigenous knowledge". (invited plenary lecture: Symposium on Biodiversity and Sustainable Use, Center for Development of Biotic Products, National Polytechnic Institute, Morelos, Mexico, 28 October 2015.)

Van Wyk, B.-E. 2015. "African perspectives on natural product research based on ethnobotanical and ethnopharmacological knowledge" (invited plenary lecture: 63rd International Congress and Annual Meeting of the Society of Medicinal Plant and Natural Product Research (GA), Budapest, Hungary, 23-27 August 2015)

Van Wyk, B.-E. 2015. "Intellectual property rights and access and benefit-sharing" (invited lecture: Workshop on Intellectual Property Rights, International Joint SEB-IPUF Conference, Clanwilliam, South African, 30 June 2015)

Hulley, I.M., Van Wyk, B.-E. & Schutte-Vlok, A.L. 2015. "Ethnobotany of the Little Karoo, South Africa". [lecture: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Hutchinson, S.-L., Tilney, P.M., Van Wyk, B.-E. & Magee, A.R. 2015. "The medicinally important genus *Alepidea* (Apiaceae): Tackling a taxonomic and conservation conundrum". [lecture: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Magwede K. & Van Wyk, B.-E. 2015. "Ethnobotanical review of Vhavenda plant uses. [lecture: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Mogale, M.M.P., Van Wyk, B.-E. & Raimondo, D.C. 2015. "Traditional plant use of the Bapedi in Central Sekhukhuleni". [lecture: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Nortje, J.M. & Van Wyk, B.-E. 2015. "Medicinal ethnobotany of the Kamiesberg, Namaqualand". [lecture: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Sobiya, O.K., Magee, A.R., Viljoen A.M., Kamatou, G.P.P. & Van Wyk, B.-E. 2015. "A pilot study of the chemosystematic potential of furanocoumarins and essential oil compounds in the genera *Nanobubon* and *Notobubon* (Apiaceae)". [lecture: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Kotina, E.L., Van Wyk, B.-E., & Tilney, P.M. 2015. "Bark anatomy of some medicinally important trees of South Africa". [poster: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Mhlongo, L.S. & Van Wyk, B.-E. 2015. "A preliminary list of useful plants of the Amandawe area in KwaCele, KwaZulu-Natal". [poster: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Ruiters, A. & Van Wyk, B.-E. 2015. "An inventory of food plants of southern Africa". [poster: International Conference - Joint Annual Conference of the Indigenous Plant Use Forum (18th) and the Society for Economic Botany (56th), Clanwilliam, South Africa, 28 June–2 July 2015]

Van Wyk, B.-E. 2015. "A review of Khoi-San plant use". (lecture: 41 st Annual Conference of the South African Association of Botanists (SAAB), Tshipise Resort/University of Venda, 11-15 January 2015).

Mogale, M.M.P., Van Wyk, B.-E., Raimondo, D.C. 2015. "Useful plants of Sekhukhuleni". (lecture: 41 st Annual Conference of the South African Association of Botanists (SAAB), Tshipise Resort/University of Venda, 11-15 January 2015).

Kotina, E.L., Stepanova, A.V., Oskolski, A.A., Tilney, P.M., Van Wyk, B.-E. 2015. "Crystals in the bark of African genistoid legumes". (lecture: 41 st Annual Conference of the South African Association of Botanists (SAAB), Tshipise Resort/University of Venda, 11-15 January 2015).

Hulley, I.M., Van Wyk, B.-E., Schutte-Vlok, A.L. 2014. "Medicinal ethnobotany of the Little Karoo, South Africa". (lecture: 41 st Annual Conference of the South African Association of Botanists (SAAB), Tshipise Resort/University of Venda, 11-15 January 2015). (award: best presentation by a PhD student)

Sobiya, O., Magee, A.R., Van Wyk, B.-E. 2015. "A review of chemosystematic patterns in African Apiaceae". (lecture: 41 st Annual Conference of the South African Association of Botanists (SAAB), Tshipise Resort/University of Venda, 11-15 January 2015).

## **2014:**

Van Wyk, B.-E. 2014. "New perspectives on African Apiaceae and implications for a global classification system". (invited keynote lecture: International Apiales Conference, Istanbul, Turkey, 1-3 August 2014)

Van Wyk, B.-E. 2014. "Indigenous Knowledge and Medicinal Plants". (invited plenary lecture: Independent Examination Board National User Group Conference (Life Science); Birchwood Conference Centre, Kempton Park, South Africa, 1 February 2014)

Van Wyk, B.-E. 2014. "The commercial potential of southern African succulents in the herbal medicine industry". (invited lecture: International succulent plant conference "Xerophytica – Plants for our Future (The Aloe, Cactus and Succulent Society of Zimbabwe), Harare, Zimbabwe, 20-21 June 2014)

Van Wyk, B.-E. 2014. Ethnobotanical studies in the Cape region of South Africa. [lecture: 20th Congress of AETFAT (The Association for the Taxonomic Study of the Flora of Tropical Africa), Music Conservatoire, Stellenbosch, South Africa, 13-17 January 2014]

Ruiters, A.K., Magee, A.R., Tilney, P.M. & Van Wyk, B.-E. 2014. Systematics of the subtribe Phymaspermieae (Anthemideae Asteraceae). [lecture: 20th Congress of AETFAT (The Association for the Taxonomic Study of the Flora of Tropical Africa), Music Conservatoire, Stellenbosch, South Africa, 13-17 January 2014]

Phago, T., Van Wyk, B.-E., Boatwright, J.S. & Van der Bank, H. 2014. Determining the invasive potential of *Crotalaria agatiflora* (Crotalariaeae, Fabaceae) in South Africa. [poster: 20th Congress of AETFAT (The Association for the Taxonomic Study of the Flora of Tropical Africa), Music Conservatoire, Stellenbosch, South Africa, 13-17 January 2014]

Mogale, M.M.P., Van Wyk, B.-E., Raimondo, D.C. 2014. Towards an inventory of the useful plants of Sekhukhuneland. (lecture: 17 th Conference of the Indigenous Plant Use Forum, University of the Free State, Qwa-Qwa Campus, Phuthaditjhaba, South Africa, 30 June–3 July 2014)

Kotina, E.L., Van Wyk, B.-E., Tilney, P.M. 2014. Morphological and anatomical characters for identification and quality control of commercial bark samples. (lecture: 17 th Conference of the Indigenous Plant Use Forum, University of the Free State, Qwa-Qwa Campus, Phuthaditjhaba, South Africa, 30 June–3 July 2014)

Reinten, E., Van Wyk, B.-E. 2014. Contribution of South African flowers in the international flower trade. (lecture: 17 th Conference of the Indigenous Plant Use Forum, University of the Free State, Qwa-Qwa Campus, Phuthaditjhaba, South Africa, 30 June–3 July 2014)

Kinfe, H.H., Hulley, I.M., Van Wyk, B.-E. 2014. The ethnobotany and chemical diversity of heuningdou (*Pegolettia baccharidifolia*), a popular but poorly known Cape traditional medicine. (lecture: 17 th Conference of the Indigenous Plant Use Forum, University of the Free State, Qwa-Qwa Campus, Phuthaditjhaba, South Africa, 30 June–3 July 2014)

Hulley, I.M., Van Wyk, B.-E., Schutte-Vlok, A.L. 2014. An assessment of the need for ethnobotanical studies in the Little Karoo, South Africa. (lecture: 17 th Conference of the Indigenous Plant Use Forum, University of the Free State, Qwa-Qwa Campus, Phuthaditjhaba, South Africa, 30 June–3 July 2014) (third place: award for best presentation by a young scientist)

### **2013:**

Boatwright, J.S., Le Roux, M.M., Van Wyk, B.-E. & Lavin, M. 2013. Biogeography of the tribe Crotalariaeae. (lecture: 6 th International Legume Conference, University of Johannesburg, South Africa, 6–11 January 2013)

Howieson, J., Yates, R., Loi, A., Nutt, B., Ardley, J., de Meyer, S., O'Hara, G., Gerding, M. & Van Wyk, B.-E. 2013. Domestication of alternative legumes for agriculture in response to climate change – from nodule bacteria to agronomy. (lecture: 6 th International Legume Conference, University of Johannesburg, South Africa, 6–11 January 2013)

Kotina, E.L., Oskolski, A.A., Tilney, P.M. & Van Wyk, B.-E. 2013. Systematic value of bark anatomy in the tribe Podalyrieae (Fabaceae). (lecture: 6 th International Legume Conference, University of Johannesburg, South Africa, 6–11 January 2013)

Oskolski, A.A., Boatwright, J.S., Stepanova, A., Tilney, P.M. & Van Wyk, B.-E. 2013. Systematic value of wood anatomy in the tribe Crotalariaeae (Fabaceae). (lecture: 6 th International Legume Conference, University of Johannesburg, South Africa, 6–11 January 2013)

Stepanova, A., Oskolski, A.A., Tilney, P.M. & Van Wyk, B.-E. 2013. Systematic value of wood anatomy in the tribe Podalyrieae (Fabaceae). (lecture: 6 th International Legume Conference, University of Johannesburg, South Africa, 6–11 January 2013)

Kinfe, H.H., Van Wyk, B.-E. & Long, H.S. 2013. Ethnobotany and main phenolic compound of the leaves and roots of *Rafnia amplexicaulis* – a poorly known Cape medicinal plant. [paper: 16 th Conference of the Indigenous Plant Use Forum, with participation by the Association for African Medicinal Plant Standards (AAMPS), Institute of Tropical and Subtropical Crops (ITSC), Nelspruit, Mpumalanga Province, South Africa, 1–4 July 2013]

Long, H.S., Van Wyk, B.-E. & Tilney, P.M. 2013. The identification and ethnobotany of Cape wild garlic (*Tulbaghia* species) [paper: 16 th Conference of the Indigenous Plant Use Forum, with participation by the Association for African Medicinal Plant Standards (AAMPS), Institute of Tropical and Subtropical Crops (ITSC), Nelspruit, Mpumalanga Province, South Africa, 1–4 July 2013]

Nkonki, T. & Van Wyk, B.-E. 2013. Review of the ethnobotany of the genus *Lessertia*. [paper: 16 th Conference of the Indigenous Plant Use Forum, with participation by the Association for African Medicinal Plant Standards (AAMPS), Institute of Tropical and Subtropical Crops (ITSC), Nelspruit, Mpumalanga Province, South Africa, 1–4 July 2013]

Tilney, P.M. & Van Wyk, B.-E. 2013. The use of plant anatomy in pharmacognosy and forensic studies. [paper: 16 th Conference of the Indigenous Plant Use Forum, with participation by the Association for African Medicinal Plant Standards (AAMPS), Institute of Tropical and Subtropical Crops (ITSC), Nelspruit, Mpumalanga Province, South Africa, 1–4 July 2013]

Phago, T., Van Wyk, B.-E. & Boatwright, J.S. 2013. Towards unravelling the invasive potential of *Crotalaria agatiflora* (Crotalariaeae, Fabaceae) in South Africa. (lecture: 39th Annual Conference of the South African Association of Botanists (SAAB), Drakensberg, 20–24 January 2013).

Ruiters, A.K., Magee, A.R., Tilney, P.M. & Van Wyk, B.-E. 2013. A survey of morphological and anatomical characters in the subtribe Phymaspermieae (Anthemideae, Asteraceae). (lecture: 39th Annual Conference of the South African Association of Botanists (SAAB), Drakensberg, 20–24 January 2013).

### **2012:**

Van Wyk, B.-E. 2012. The uses of Aloe in traditional and modern medicine. (invited paper: Inhlaba Indaba – International Conference on Aloes, Forever Resorts Blyde Canyon, Mpumalanga, South Africa, 19–21 June 2012)

Magee, A.R., Nicolas, A.N., Tilney, P.M., Van Wyk B.-E. & Plunkett, G.M. 2012. Systematics of the early diverging Apiaceae tribe Annesorhizeae with emphasis on the South African genera. (lecture: 38<sup>th</sup> Annual Conference of the South African Association of Botanists (SAAB), University of Pretoria, 15–18 January 2012).

Van Wyk B.-E. 2012. Ethnobotany of the Cederberg. (lecture: 38<sup>th</sup> Annual Conference of the South African Association of Botanists (SAAB), University of Pretoria, 15–18 January 2012).

M.M.Le Roux, M.M. & Van Wyk, B.-E. 2012. The systematic value of flower structure in *Crotalaria* and related genera of the tribe Crotalariaeae (Fabaceae). (lecture: 38<sup>th</sup> Annual Conference of the South African Association of Botanists (SAAB), University of Pretoria, 15–18 January 2012).

A.K. Ruiters, A.K., Van Wyk, B.-E., Van Vuuren, S.F. & Tilney, P.M. 2012. The ethnobotany, essential oil composition and antibacterial activity of southern African *Teucrium* species (Lamiaceae). (lecture: 38<sup>th</sup> Annual Conference of the South African Association of Botanists (SAAB), University of Pretoria, 15–18 January 2012).

De Vynck, J.C. & Van Wyk, B.-E. 2012. An ethnobotanical survey of the Still Bay area. (lecture: 15 th Conference of the Indigenous Plant Use Forum, University of Venda, Thohoyandou, South Africa, 2–5 July 2012)

Long, H.S., Stander, M.A., Van Wyk, B.-E. & Tilney, P.M. 2012. The anatomy and chemistry of *Centella* species used in traditional medicine. (lecture: 15 th Conference of the Indigenous Plant Use Forum, University of Venda, Thohoyandou, South Africa, 2–5 July 2012)

Phago, T., Van Wyk, B.-E., Tilney, P.M., Van Vuuren, S.F., Viljoen, A.M., Kamatou, G.P. & Dagne, E. 2012. A study of the morphology, anatomy, essential oil chemistry and biological activity of *Trachyspermum ammi*. (lecture: 15 th Conference of the Indigenous Plant Use Forum, University of Venda, Thohoyandou, South Africa, 2–5 July 2012)

## **2011:**

Van Wyk, B.-E. 2011. "A comparison of traditional medicine systems in South Africa and the most important medicinal plants that are used". (invited paper: 37 th Congress of the South African Association of Botanists, Grahamstown, South Africa, 17–19 January 2011)

Kotina, E.L., Van Wyk, B.-E. & Tilney, P.M. 2011."Bark anatomy of the tribe Heteromorphaeae (Apiaceae)". (lecture: 37 th Congress of the South African Association of Botanists, Grahamstown, South Africa, 17–19 January 2011)

Nortje, J.M. & Van Wyk, B.-E. 2011. "The ethnobotany of Namaqualand". (lecture: 37 th Congress of the South African Association of Botanists, Grahamstown, South Africa, 17–19 January 2011)

De Beer, J.J.J. & Van Wyk, B.-E. 2011. "The ethnobotany of the Agter-Hantam, Northern Cape, South Africa". (lecture: 37 th Congress of the South African Association of Botanists, Grahamstown, South Africa, 17–19 January 2011)

Van Wyk, B.-E. 2011. "New crop and new product development in the field of MAP's in South Africa". (invited lecture: ICS-UNIDO Expert Group Meeting on Priority needs of Developing Countries in the field of medicinal and aromatic plants (MAPs), Trieste, Italy 21–22 February 2011). [ICS is the International Centre for Science and High Technology in Trieste, Italy, and operates under the aegis of the United Nations Industrial Development Organization (UNIDO)]

Van Wyk, B.-E. 2011. "A review of Khoisan plant use". (invited keynote address: Fynbos Forum, Still Bay, 31 May to 3 June 2011).

De Beer, J.J.J. & Van Wyk, B.-E. 2011. "An ethnobotanical survey of the Agter-Hantam area of the Northern Cape". (lecture: 14 th Conference of the Indigenous Plant Use Forum, St Lucia, South Africa, 4–7 July 2011)

Hulley, I.M. & Van Wyk, B.-E. 2011. "A review on the medicinal uses and chemical compounds of African Apiaceae". (lecture: 14 th Conference of the Indigenous Plant Use Forum, St Lucia, South Africa, 4–7 July 2011)

Nortje, J.M. & Van Wyk, B.-E. 2011. "Medicinal plants of the Kamiesberg, Namaqualand". (lecture: 14 th Conference of the Indigenous Plant Use Forum, St Lucia, South Africa, 4–7 July 2011)

Stepanova, A., Van Wyk, B.-E. & Tilney, P.M., 2011. "Stem and leaf anatomy of *Aspalathus linearis* (rooibos tea)". (lecture: 14 th Conference of the Indigenous Plant Use Forum, St Lucia, South Africa, 4–7 July 2011)

Reinten, E.Y. & Van Wyk, B.-E. 2011. "Cultivation potential of indigenous flowers". (lecture: 14 th Conference of the Indigenous Plant Use Forum, St Lucia, South Africa, 4–7 July 2011)

Kotina, E., Tilney, P.M. & Van Wyk, B.-E. 2011. "Pharmacognostic value of bark anatomy in *Warburgia salutaris* (Canellaceae)". (lecture: 14 th Conference of the Indigenous Plant Use Forum, St Lucia, South Africa, 4–7 July 2011)

Moteetee, A.N. & Van Wyk, B.-E. 2011. "A review of African Phaseoleae". (lecture: 18 th International Botanical Congress, Melbourne, Australia, 23–30 July 2011)

Boatwright, J.S., Van Wyk, B.-E., Le Roux M.M. & Wink, M. 2011. "Relationships of African genistoid legumes." (lecture: 18 th International Botanical Congress, Melbourne, Australia, 23–30 July 2011)

Le Roux, M.M., Boatwright, J.S., Van Wyk B.-E. & Moteetee, A.N. 2011. "A first molecular phylogeny for the genus *Crotalaria* (Fabaceae, Crotalariaeae). (lecture: 18 th International Botanical Congress, Melbourne, Australia, 23–30 July 2011)

Magee, A.R., Van Wyk, B.-E., Tilney, P.M. & Downie, S.R. 2011. "Phylogenetic significance of African Apiaceae and a new tribal classification for the protoapioids". (lecture: 18 th International Botanical Congress, Melbourne, Australia, 23–30 July 2011)

Kotina, E., Nilova, M., Rossouw, A., Oskolski, A. & Van Wyk, B.-E. 2011. The systematic significance of bark anatomy in Apiales. (lecture: 18 th International Botanical Congress, Melbourne, Australia, 23–30 July 2011)

Boatwright, S.J., Kenicer, G., Lavin, M., McMahon, M., Sanderson, M., Steele, K., Torke, B., Van Wyk, B.-E. & Wojciechowski, M.F. 2011. Progress in Papilionoid legume systematics: towards a phylogenetic classification. (lecture: 18 th International Botanical Congress, Melbourne, Australia, 23–30 July 2011)

Van Wyk, B.-E., Tilney, P.M. & Magee, A.R. 2011. "A review of the Apiaceae of sub-Saharan Africa and Madagascar". (lecture: 7 th International Apiales Symposium, Sydney, Australia, 2–6 August 2011)

Tilney, P.M. & Van Wyk, B.-E., 2011. "Leaf structure in the protoapioids and selected euapioids (Apiaceae): adaptations to seasonal aridity that complicate taxonomic delimitations". (lecture: 7 th International Apiales Symposium, Sydney, Australia, 2–6 August 2011)

Van Wyk, B.-E., Tilney, P.M. & Magee, A.R. 2011. "A review of African Apiaceae". (lecture: 7 th International Apiales Symposium, Sydney, Australia, 2–6 August 2011)

#### **2010:**

Van Wyk, B.-E. 2010. "A review of ethnobotanical studies in the Cape region of South Africa". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Hulley, I.M., Viljoen, A.M., Van Vuuren, S.F., Tilney, P.M., Kamatou, G.P.P. & Van Wyk, B.-E. 2010. "A review of *Pteronia* species used in traditional medicine in South Africa". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Nortje, J.M. & Van Wyk, B.-E. 2010. "The ethnobotany of Namaqualand". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

De Beer, J.J.J. & Van Wyk, B.-E. 2010. "The ethnobotany of the Agter-Hantam". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Long, H., Tilney, P.M. & Van Wyk, B.-E. 2010. "Ethnobotany and pharmacognosy of three Cape herbal plants". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Le Roux, M.M., Van Wyk, B.-E., Tilney, P.M. & Boatwright, J.S. 2010. "The taxonomic value of fruit wall structure in the genus *Crotalaria* (Fabaceae, tribe Crotalariaeae)". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Moteetee, A.N. & Van Wyk, B.-E. 2010. "Taxonomic studies on the genus *Dolichos* (Phaseoleae, Fabaceae) in South Africa". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Tilney, P.M. & Van Wyk, B.-E. 2010. "The value of anatomy in pharmacognosy and forensic studies". (lecture: 36 th Congress of the South African Association of Botanists, Potchefstroom, South Africa, 11–15 January 2010)

Van Wyk, B.-E. 2010. "Ethnobotanical, historical and commercial perspectives on natural product development in South Africa". (Invited paper: 11 th Congress of the International Society of Ethnopharmacology, Albacete, Spain, 20–25 September 2010)

Van Wyk, B.-E., Moteetee, A.N., Le Roux, M.M. & Boatwright, J.S. 2010. "Congruence between morphology, chemistry and molecular evidence in the new classification of African genistoid legumes". (Invited paper: 5th International Legumes Conference, Buenos Aires, Argentina, 8–14 August 2010)

Moteetee, A.N. & Van Wyk, B.-E. 2010. "Floristic analysis of papilionoid legumes in southern Africa". (lecture: 5th International Legumes Conference, Buenos Aires, Argentina, 8–14 August 2010)

Le Roux, M.M., Van Wyk, B.-E. & Moteetee, A.N. 2010. "A review of the taxonomy and biogeography of the genus *Crotalaria* (Fabaceae)". (lecture: 5th International Legumes Conference, Buenos Aires, Argentina, 8–14 August 2010)

Boatwright, J.S., Amaral, J., John C. Manning, J.C., Van Wyk, B.-E., Simmonds, M. & Forest, F. 2010. "Systematics of the genera *Lessertia* and *Sutherlandia* (Galegeae, Fabaceae)". (lecture: 5th International Legumes Conference, Buenos Aires, Argentina, 8–14 August 2010)

Van Wyk, B.-E. 2010. "A review of Cape Herbal Medicine". (lecture: 13 th Conference of the Indigenous Plant Use Forum, Keimoes, South Africa, 28 June – 1 July 2010)

De Beer, J.J.J. & Van Wyk, B.-E. 2010. "An ethnobotanical survey of the Agter-Hantam area of the Northern Cape". (lecture: 13 th Conference of the Indigenous Plant Use Forum, Keimoes, South Africa, 28 June–1 July 2010)

Hulley, I.M., Viljoen, A.M., Van Vuuren, S.F., Tilney, P.M., Kamatou, G.P.P. & Van Wyk, B.-E. 2010. "The ethnobotany of *Pteronia* species". (lecture: 13 th Conference of the Indigenous Plant Use Forum, Keimoes, South Africa, 28 June–1 July 2010)

Nortje, J.M. & Van Wyk, B.-E. 2010. "The ethnobotany of Namaqualand". paper: 13 th Conference of the Indigenous Plant Use Forum, Keimoes, South Africa, 28 June–1 July 2010)

#### **2009:**

Boatwright, J.S., Wink, M., Tilney, P.M. & Van Wyk, B.-E. 2009. "New generic circumscriptions in the tribe Crotalariaeae (Fabaceae)". (lecture: 35 th Congress of the South African Association of Botanists, Stellenbosch, South Africa, 19–22 January 2009)

De Villiers, B.J., Plunkett, G.M., Tilney, P.M. & Van Wyk, B.-E. 2009. "A phylogenetic study of the genus *Cussonia* (Araliaceae) based on morphological, anatomical and molecular data". (lecture: 35 th Congress of the South African Association of Botanists, Stellenbosch, South Africa, 19–22 January 2009)

Hulley, I.M., Van Wyk, B.-E. & Tilney, P.M. 2009. "The leaf anatomy of ethnobotanically important *Pteronia* species". (lecture: 35 th Congress of the South African Association of Botanists, Stellenbosch, South Africa, 19–22 January 2009)

Le Roux, M.M., Van Wyk, B.-E., Moteetee, A.N. & Tilney, P.M. 2009. "An evaluation of molecular and anatomical characters in the genus *Crotalaria*". (lecture: 35 th Congress of the South African Association of Botanists, Stellenbosch, South Africa, 19–22 January 2009)

Magee, A.R., Calviño, C.I., Liu, M., Downie, S.R., Tilney, P.M. & Van Wyk, B.-E. 2009. "New tribal delimitations in African Apiaceae". (lecture: 35 th Congress of the South African Association of Botanists, Stellenbosch, South Africa, 19–22 January 2009)

Van Wyk, B.-E. 2009. "A review of Cape herbal medicine". (lecture: 35 th Congress of the South African Association of Botanists, Stellenbosch, South Africa, 19–22 January 2009)

Van Wyk, B.-E. 2009. "Nutritional and medicinal use of Cape bulbs". (invited lecture: Workshop on "Geophytes and the origins of modern humans", Dias Museum, Mossel Bay, South Africa, 6–7 June 2009)

Van Wyk, B.-E. 2009. "Hoogtepunte in die ontdekking en ontginning van Suid-Afrika se botaniese rykdom". (invited lecture: Centennial Celebration of the South African Academy of Science and Art, Bloemfontein, South Africa, 26 June 2009)

- Hulley, I.M., Viljoen, A.M., Tilney, P.M., Van Vuuren, S.F., Kamatou, G.P. & Van Wyk, B.-E. 2009. "Ethnobotany, leaf anatomy, essential oil composition and antibacterial activity of *Pteronia onobromoides* (Asteraceae)". (lecture: 12 th Conference of the Indigenous Plant Use Forum, Stellenbosch, South Africa, 6–9 July 2009)
- Long, H.S., Tilney, P.M. & Van Wyk, B.-E. 2009. "The ethnobotany and chemical variation of *Olea europaea* subsp. *africana*". (lecture: 12 th Conference of the Indigenous Plant Use Forum, Stellenbosch, South Africa, 6–9 July 2009)
- Moteetee, A.N. & Van Wyk, B.-E. 2009. "A broad review of traditional medicine in Lesotho". (lecture: 12 th Conference of the Indigenous Plant Use Forum, Stellenbosch, South Africa, 6–9 July 2009)
- Olivier, D., Van Wyk, B.-E., Albrecht, C.F. & Van Heerden, F.R. 2009. "The medicinal and chemotaxonomic significance of major chemical compounds in the roots of *Arctopus* species". (lecture: 12 th Conference of the Indigenous Plant Use Forum, Stellenbosch, South Africa, 6–9 July 2009)
- Viljoen, A.M. & Van Wyk, B.-E. 2009. "A review of *Artemisia afra*". (lecture: 12 th Conference of the Indigenous Plant Use Forum, Stellenbosch, South Africa, 6–9 July 2009)
- 2008:**
- Boatwright, J.S., Le Roux, M.M., Wink, M., Tilney, P.M. & Van Wyk, B.-E. 2008. Systematic studies in the genus *Lebeckia* and related genera (Crotalariaeae, Fabaceae): A new generic classification for *Lebeckia*. (lecture: 34 th Congress of the South African Association of Botanists, Drakensberg, 14–18 January 2007)
- Corrigan, B.M., Van Wyk, B.-E., Geldenhuys, C.J. & Durand, J.F. 2008. Vegetation cover changes of the Sand Forest in the *KwaNobela* Peninsula, St Lucia from 1937-2002. (lecture: 34 th Congress of the South African Association of Botanists, Drakensberg, 14–18 January 2007)
- Winter, P.J.D., Van Wyk, B.-E., Magee, A.R., Downie, S.R. & Tilney, P.M. 2008. The demise of *Peucedanum* (Apiaceae) in Africa. paper: 34 th Congress of the South African Association of Botanists, Drakensberg, 14–18 January 2007)
- Van Wyk, B.-E., Tilney, P.M., Magee, A.R., De Villiers, B.J., Oskolski, A., Liu, M.(R.), Winter, P.J.D., Calviño, C.I., Downie, S.R., Plunkett, G.M. & Lowry II, P.P. 2008. "A review of taxonomic studies in African Apiaceae". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Magee, A.R., Van Wyk, B.-E., Tilney, P.M., Oskolski, A.A. & Downie, S.R. 2008. New generic circumscriptions of southern African peucedanoid genera. (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- De Villiers B.J., Van Wyk B.-E., Tilney P.M., Plunkett G.M. & Lowry, P.P. 2008. "A taxonomic study of the genus *Cussonia* and related genera (Araliaceae). (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Liu, M.(R.), Van Wyk, B.-E., Tilney, P.M., Plunkett, G.M. & Lowry II, P.P.. 2008. "Morphological characters of the carpophore of Drude's tribe Mulineae (Apiaceae) and their possible taxonomic value". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Magee, A.R., Van Wyk, B.-E., Tilney, P.M., Oskolski, A.A., Downie, S.R. 2008. "New generic circumscriptions of southern African peucedanoid genera". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Oskolski, A.A., Sokoloff, D.D. & Van Wyk, B.-E. 2008. "Floral morphology of *Seemannaralia* (Araliaceae): from bilocular ovary to unilocular fruit". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Tilney, P.M., Van Wyk, B.-E., Liu, M.(R.) & Magee, A.R. 2008. "The value of anatomical characters in exploring relationships in the Apiaceae". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Winter, P.J.D., Van Wyk, B.-E., Magee, A.R., Downie, S.R. & Tilney, P.M. 2008. "*Peucedanum* (Apiaceae) – past, current and future taxonomy of the African contingent". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Yembaturova, E.Yu., Van Wyk, B.-E. & Winter, P.J.D. 2008. "A review of the African genus *Alepidea* F.Delaroche (Apiaceae, subfamily Saniculoideae)". (lecture: Apiales 2008. 6 th International Symposium on Apiales, Moscow State University, Moscow, Russia, 25–27 June 2008)
- Albrecht, C.F. & Van Wyk, B.-E. 2008. "*Sutherlandia* and cancer: what are the facts?". (lecture: 11 th Conference of the Indigenous Plant Use Forum, Graaff-Reinet, South Africa, 7–10 July 2008)
- Hulley, I.M., Van Wyk, B.-E. & Tilney, P.M. 2008. "Macroscopic, microscopic and chromatographic methods for quality control of *Hoodia* species". (poster: 11 th Conference of the Indigenous Plant Use Forum, Graaff-Reinet, South Africa, 7–10 July 2008) (joint winner of IPUF Best Poster Award 2008)
- Van Wyk, B.-E. 2008. "Botanical and chemical diversity in the African flora". (invited paper: Joint international IOCD and ISDNP Conference, Kasane, Botswana, 24–29 February 2008)
- 2007:**
- Van Wyk, B.-E. 2007. "The importance of chemical variation in commercially relevant African medicinal plants". (invited paper: JSPS/JST International Symposium: "Toward advanced use of African resources in plant science", , RIKEN Yokohama Institute, Japan, 20
- De Villiers, B.J., Van Wyk, B.-E., Tilney, P.M., Plunkett, G.M. & Lowry, P.P. 2007. "The taxonomic significance of leaf anatomical characters in *Cussonia* (Araliaceae)". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)
- Le Roux M.M., Van Wyk, B.-E., Van der Bank, M. 2007. "A taxonomic study of the type section of the genus *Lebeckia* Thunb.". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)
- Magee A.R., Van Wyk, B.-E., Tilney, P.M. & Downie, S.R. 2007. "New generic circumscriptions of Cape peucedanoid species (Apiaceae)". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)
- Moteetee, A.N. & Van Wyk, B.-E. 2007. "A taxonomic revision of the genus *Millettia* in South Africa". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)

Tilney, P.M., Van Wyk, B.-E., Downie, S.R. 2007. "A revision of the genus *Lichtensteinia* (Apiaceae)". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)

Van Tonder, J.H. & Van Wyk, B.-E. 2007. "Chemical variation in selected Karoo medicinal plants". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)

Van Wyk, B.-E., Tilney, P.M., Liu, M., Magee, A.R., Winter, P.J.D., Calviño, C.I. & Downie, S.R. "Systematic studies of African Apiaceae: a progress report". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)

Boatwright, J.S., Van Wyk, B.-E. & Tilney, P.M. 2007. "Systematic studies in the genus *Lebeckia* and related genera: A revision of *Lebeckia* section *Stiza* (Crotalariaeae, Fabaceae)". (lecture: 33 rd Congress of the South African Association of Botanists, University of Cape Town, 14–18 January 2007)

Olivier, D., Van Wyk, B.-E., Van Heerden, F.R. & Albrecht, C.F. 2007. "Botanical, ethnobotanical and chemotaxonomic aspects of African tonic plants". (lecture: 10 th Conference of the Indigenous Plant Use Forum, University of Johannesburg, 2–5 July 2007)

Hulley, I.M., Van Wyk, B.-E., Tilney, P.M. 2007. "The use of Thin Layer Chromatography and stem anatomy to identify *Hoodia* raw material and common adulterants". (lecture: 10 th Conference of the Indigenous Plant Use Forum, University of Johannesburg, 2–5 July 2007) (award for best presentation by a young scientist)

Jardine, J., Van Wyk B.-E., Geldenhuys, C.J. & Du Rand, J.F. 2007. "An ethnobotanical and ethnozoological survey of the Kwanibela Peninsula, KwaZulu-Natal as a basis for sustainable resource use". (lecture: 10 th Conference of the Indigenous Plant Use Forum, University of Johannesburg, 2–5 July 2007)

Van Tonder, J. & Van Wyk, B.-E. 2007. "Studies on selected Karoo medicinal plants: a progress report". (lecture: 10 th Conference of the Indigenous Plant Use Forum, University of Johannesburg, 2–5 July 2007)

#### **2006:**

De Villiers B.J. & B.-E. van Wyk. 2006. "A review of the geography and morphology of the genus *Cussonia* (Araliaceae)". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Le Roux M.M. & B.-E. van Wyk. 2006. "A taxonomic revision of the *Lebeckia sepiaria* species complex". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Magee, A.R., B.-E. van Wyk, P.M. Tilney & M. van der Bank. 2006. "A revision of the genus *Arctopus* (Apiaceae)". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Moteetee, A.N. & B.-E. van Wyk. 2006. "A review of the taxonomy of the genus *Argyrolobium* (Fabaceae)". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

O'Brien, C. & B.-E. van Wyk. 2006. "Quality control variables for *Aloe* gel". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Olivier, D., F.R. van Heerden, C.F. Albrecht & B.-E. van Wyk. 2006. "Chemical variation in three African tonic plants (*Sutherlandia frutescens*, *Ziziphus mucronata* and *Arctopus echinatus*)". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Phephu, N., B.-E. van Wyk & P.M. Tilney 2006. "The taxonomic value of fruit characters in African *Peucedanum*". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Van Wyk, B.-E., P.M. Tilney, C.I. Calviño, S.R. Downie. 2006. "Taxonomic studies of the Cape endemic genera *Glia*, *Itasina* and *Stenosemis* (Apiaceae)". (lecture: 32nd Congress of the South African Association of Botanists, Nelson Mandela Metropolitan University, Port Elizabeth, 16–19 January 2006)

Boatwright, J.S., V. Savolainen, B.-E. van Wyk, A.L. Schutte-Vlok, M. van der Bank. 2006. "Phylogenetic relationships in the tribe Podalyrieae (Fabaceae) and the position of *Cadia*". (lecture: 6 th Conference of the Southern African Society for Systematic Biology, Kruger National Park, 14–17 July 2006)

Le Roux M.M., B.-E. van Wyk & M. van der Bank. 2006. "A taxonomic study of *Lebeckia* section *Lebeckia* - Fabaceae ". (lecture: 6 th Conference of the Southern African Society for Systematic Biology, Kruger National Park, 14–17 July 2006)

Magee, A.R., B.-E. van Wyk, P.M. Tilney, S.R. Downie & M. van der Bank. 2006. "A phylogenetic study of the Cape species of *Peucedanum* (Apiaceae)". (lecture: 6 th Conference of the Southern African Society for Systematic Biology, Kruger National Park, 14–17 July 2006)

Boatwright, J.S. & B.-E. van Wyk. 2006. "The use of Cape legumes as sources of tea". (lecture: 9 th Conference of the Indigenous Plant Use Forum, University of Gaborone, Botswana, 3–6 July 2006)

Govender, N. & B.-E. van Wyk. 2006. "A review of clinical trials on medicinal plants". (lecture: 9 th Conference of the Indigenous Plant Use Forum, University of Gaborone, Botswana, 3–6 July 2006)

Magee A.R. & B.-E. van Wyk. 2006. "The ethnobotany of *Peucedanum*". (lecture: 9 th Conference of the Indigenous Plant Use Forum, University of Gaborone, Botswana, 3–6 July 2006) (Award: Best Presentation by a Young Scientist)

Moteetee A.N. & B.-E. van Wyk. 2006. "A review of the ethnobotany of Lesotho. (lecture: 9 th Conference of the Indigenous Plant Use Forum, University of Gaborone, Botswana, 3–6 July 2006)

Van Wyk, B.-E. & C. O'Brien. 2006. "The South African National Standard for *Aloe* raw material". (lecture: 9 th Conference of the Indigenous Plant Use Forum, University of Gaborone, Botswana, 3–6 July 2006)

Van Tonder J. & B.-E. van Wyk. 2006. "Ethnobotanical anecdotes from the Cederberg". (lecture: 9 th Conference of the Indigenous Plant Use Forum, University of Gaborone, Botswana, 3–6 July 2006)

#### **2005:**



- Van Wyk, B.-E. 2005. Nectar sugar composition in angiosperm families: phylogeny vs pollination. (invited paper: XVII International Botanical Conference, Vienna, Austria, 18–23 July 2005)
- Van Wyk, B.-E., Smith, G.F., Viljoen, A.M., Treutlein, J., Wink, M. 2005. Secondary metabolites in relation to molecular phylogenies in *Aloe* and related genera (family Asphodelaceae). (invited paper: XVII International Botanical Conference, Vienna, Austria, 18–23 July 2005)
- Tilney, P.M., Van Wyk, B.-E., Liu, M. 2005. Phylogenetic trends in fruit structure of Apiaceae. (poster paper: XVII International Botanical Conference, Vienna, Austria, 18–23 July 2005)
- Calvino, C.I., Downie, S.R., Tilney, P.M. & Van Wyk, B.-E. 2005. Major clades within Apiaceae subfamilies Saniculoideae and basal Apioideae: Implications for evolution of the woody habit. (lecture: 5<sup>th</sup> International Apiales Conference, University of Vienna, Austria, 25 & 26 July 2005)
- Van Wyk, B.-E. & Tilney, P.M. 2005. An anatomical study of *Lichtensteinia* and a re-evaluation of its taxonomic position. (lecture: 5<sup>th</sup> International Apiales Conference, University of Vienna, Austria, 25 & 26 July 2005)
- Van Wyk, B.-E., Tilney, P.M. & Phephu, N. 2005. A taxonomic study of the woody southern African species of *Peucedanum*. (lecture: 5<sup>th</sup> International Apiales Conference, University of Vienna, Austria, 25 & 26 July 2005)
- Magee, A.R., Van Wyk, B.-E. & Tilney, P.M. 2005. A revision of the genus *Arctopus* (Saniculoideae, Apiaceae). (lecture: 5<sup>th</sup> International Apiales Conference, University of Vienna, Austria, 25 & 26 July 2005)
- Magee, A.R., Van Wyk, B.-E., Tilney, P.M. & Van der Bank, M. 2005. The morphology and anatomy of the genus *Arctopus* (Apiaceae). (lecture: 31<sup>st</sup> Annual SAAB Congress, University of the Free State, Bloemfontein, 10–14 January 2005)
- Van Wyk, B.-E. 2005. Overview of the *Aloe vera* industry. (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Eloff, J.N., Van Wyk, B.-E., Gurib-Fakeem, A., Brendler, T. & Phillips, D. 2005. The African Medicinal Plants Standards (AMPS) project has identified the most important medicinal plant species and developed an open access database. (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Moteetee, A. & Van Wyk, B.-E. 2005. The concept of '*Musa-pelo* in Lesotho traditional medicine. (Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Viljoen, A.M. & Van Wyk, B.-E. 2005. Phenolic compounds of *Aloe* with special reference to commercially important species. (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- O'Brien, C. & Van Wyk, B.-E. 2005. Variation studies in *Aloe ferox* gel. (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Olivier, D., Van Heerden, F.R., Albrecht, C. & Van Wyk, B.-E. 2005. Two triterpenoids from *Sutherlandia*. paper: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Govender, N. & Van Wyk, B.-E. 2005. A review of the medicinal properties of aloe gel. (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Magee, A.R., Van Wyk, B.-E. & Lall, N. 2005. A review of the ethnobotany of *sieketroos* (*Arctopus* spp.). (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Le Roux, M. & Van Wyk, B.-E. 2005. Grazing potential of *Lebeckia* species. (lecture: Indigenous Plant Use Forum, Rhodes University, Grahamstown, 27–30 July 2005)
- Van Wyk, B.-E. 2005. African Medicinal Plants: A diverse and valuable resource. (invited paper: Annual Conference of the Botanical Society of Japan, Toyama University, Japan, 21–23 September 2005).

#### **2004:**

- Van Wyk, B.-E., Tilney, P.M. & Liu, M. 2004. A review of the circumscription of the family Apiaceae and phylogenetic patterns within the family. (invited paper: 30<sup>th</sup> Annual SAAB Congress, University of KwaZulu-Natal, Durban, 19–22 January 2004) (\*award: best paper by senior scientist).
- Tilney, P.M., Van Wyk, B.-E., Liu, M., Kljuykov, E.V., Ostroumova, T.A. & Pimenov, M.G. 2004. Towards a standardised terminology for fruit structural characters in Apiaceae. (poster: 30<sup>th</sup> Annual SAAB Congress, University of KwaZulu-Natal, Durban, 19–22 January 2004). (\*award: best taxonomy poster)
- Nkonki, T. & Van Wyk, B.-E. 2004. A synopsis of the genus *Lessertia*. (lecture: 30<sup>th</sup> Annual SAAB Congress, University of KwaZulu-Natal, Durban, 19–22 January 2004)
- Van Wyk, B.-E. 2004. Botanical and chemical variation in wild rooibos tea. (lecture: Indigenous Plant Use Forum, Clanwilliam, 5–8 July 2004)
- De Wet, H., Van Heerden, F.R., Van Wyk, B.-E. 2004. Alkaloids of medicinally important species of *Antizoma* and *Cissampelos*. (lecture: Indigenous Plant Use Forum, Clanwilliam, 5–8 July 2004)
- O'Brien, C., Van Wyk, B.-E. 2004. Quality control of aloe bitters. paper: Indigenous Plant Use Forum, Clanwilliam, 5–8 July 2004)
- Van Wyk, B.-E. 2004. An overview of new medicinal products and functional foods with emphasis on Cape fynbos and Cape karoo plants. (invited paper: "Workshop on Prosperity and the Cape Flora", University of Cape Town, 11 November 2004)

#### **2003:**

- Van Wyk, B.-E., De Wet, H. & Van Heerden, F.R. 2003. Ethnobotanical survey of medicinal plants in the southeastern Karoo, South Africa (lecture: Joint 29<sup>th</sup> SAAB Conference & the International Association of Ethnopharmacologists, University of Pretoria, Pretoria, 7–11 January 2003)
- Mngoma, N., Van Wyk, B.-E., PM Tilney, P.M. & Van Heerden, F.R. 2003. Comparison of leaf structure of commercially important *Aloe* species and *Bulbine frutescens*. (lecture: Joint 29<sup>th</sup> SAAB Conference & the International Association of Ethnopharmacologists, University of Pretoria, Pretoria, 7–11 January 2003)

- Moteetee, A. & Van Wyk, B.-E. 2003. Generic relationships between African genistoid legumes. (lecture: Joint 29<sup>th</sup> SAAB Conference & the International Association of Ethnopharmacologists, University of Pretoria, Pretoria, 7–11 January 2003)
- Nkonki, T. & Van Wyk, B.-E. 2003. Phyto geography of *Lessertia* DC. (Fabaceae, Galegeae). (lecture: Joint 29<sup>th</sup> SAAB Conference & the International Association of Ethnopharmacologists, University of Pretoria, Pretoria, 7–11 January 2003)
- Van Heerden, F.R., De Wet, H. & Van Wyk, B.-E. 2003. Acetylcholinesterase inhibitory activity of Menispermaceae alkaloids. (lecture: Joint 29<sup>th</sup> SAAB Conference & the International Association of Ethnopharmacologists, University of Pretoria, Pretoria, 7–11 January 2003)
- Mngoma, N., Van Wyk, B.-E., Tilney, P.M. & Van Heerden, F.R. 2003. A study of aloin and gel cells in *Aloe* species and *Bulbine frutescens*. (poster: Joint 29<sup>th</sup> SAAB Conference & the International Association of Ethnopharmacologists, University of Pretoria, Pretoria, 7–11 January 2003)
- Van Wyk, B.-E. & Tilney, P.M. 2003. Diversity of Apiaceae in Africa. (lecture: 4<sup>th</sup> International Apiales Symposium, University of Pretoria, Pretoria, 6–7 January 2003)
- Vessio, N., Tilney, P.M. & Van Wyk, B.-E. 2003. Relationships in *Annesorhiza* and *Chamarea*. (lecture: 4<sup>th</sup> International Apiales Symposium, University of Pretoria, Pretoria, 6–7 January 2003)
- De Villiers, B., Van Wyk, B.-E., Tilney, P.M. 2003. A revision of the genus *Hermas*. (lecture: 4<sup>th</sup> International Apiales Symposium, University of Pretoria, Pretoria, 6–7 January 2003)
- Liu, M., Van Wyk, B.-E., Tilney, P.M. 2003. The systematic value of fruit structure in basal groups of Apiaceae. (lecture: 4<sup>th</sup> International Apiales Symposium, University of Pretoria, Pretoria, 6–7 January 2003)
- Harding, N.M., Steenkamp, P.A., Van Heerden, F.R. & Van Wyk, B.-E. 2003. Detection of toxic alkaloids by LC-MS (electron impact). (lecture: 41<sup>st</sup> International Meeting of The Association of Forensic Toxicologists, Melbourne, Australia, 16–20 November 2003.

## **2002:**

- Van Wyk, B.-E. 2002. The taxonomic value of nectar sugars in higher plants. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Steenkamp, P.A., Van Wyk, B.-E. & Van Heerden, F.R. 2002. Forensic aspects of poisoning by *Nicotiana glauca*. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Van Heerden, F.R., Van Wyk, B.-E., Steenkamp, P.A. & Viljoen, A.M. 2002. Variation in phenolic compounds of wild populations of *Aspalathus linearis* (rooibos tea). (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- De Villiers, B., Van Wyk, B.-E. & Tilney, P.M. 2002. A revision of the genus *Hermas* (Apiaceae) based on morphological and anatomical characters. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- De Wet, H., Van Wyk, B.-E. & Van Heerden, F.R. 2002. The taxonomy and ethnobotany of South African Menispermaceae. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Netnou, N. & Van Wyk, B.-E. 2002. A revision of the genera *Dicoma* and *Macleodium* (Asteraceae, Mutiseae) in southern Africa. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Moteetee, N. & Van Wyk, B.-E. 2002. Phylogenetic relationships within the genus *Melolobium* (Genisteae, Fabaceae). (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Madzibane, J. & Van Wyk, B.-E. 2002. An ethnobotanical survey of Vhavenda and Vatsonga medicinal plants. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Vessio, N., Tilney, P.M. & Van Wyk, B.-E. 2002. Generic affinities of deciduous species of the genera *Annesorhiza*, *Chamarea* and *Peucedanum*. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Nkonki, T. & Van Wyk, B.-E. 2002. The taxonomic value of morphological characters in the genus *Lessertia* (Fabaceae, Galegeae). (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Liu, M., Van Wyk, B.-E. & Tilney, P.M. 2002. A review of fruit characters in Apiaceae subfamily Hydrocotyloideae. (lecture: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- De Villiers, B., Tilney, P.M. & Van Wyk, B.-E. 2002. The taxonomic significance of anatomical and morphological characters in the genus *Hermas* (Apiaceae). (poster: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Vessio, N., Tilney, P.M. & Van Wyk, B.-E. 2002. An evaluation of taxonomic characters in African *Peucedanum* (Apiaceae). (poster: 28<sup>th</sup> Annual SAAB Congress, Rhodes University, Grahamstown, 13-16 January 2002)
- Van Wyk, B.-E. 2002. The systematic value of nectar sugar composition in higher plants. (invited paper: Nectar and Nectary Symposium, Montalcino, Italy, 28 May 2002)

## **2001:**

- Liu, R., Van Wyk, B.-E. & Tilney, P.M. 2001. The taxonomic importance of anatomical features of Apiaceae fruits. (lecture: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Moteetee, A. Van Wyk, B.-E. & Tilney, P.M. 2001. The taxonomic significance of trichome type and distribution in *Melolobium* (Fabaceae). (lecture: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Vessio, N., Tilney, P.M. & Van Wyk, B.-E. 2001. An evaluation of anatomical characters in African *Peucedanum* (Apiaceae). (lecture: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Viljoen, A.M., Van Wyk, B.-E., Can Başer, K. H. & Demirci, B. 2001. South African medicinal aromatic plants – an overview. (lecture: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)

- Viljoen, A.M., Van Wyk, B.-E., Can Başer, K. H. & Demirci, B. 2001. The essential oil composition of the roots and rhizomes of *Siphonochilus aethiopicus* (wild ginger). (poster: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Viljoen, A.M., Van Wyk, B.-E., Can Başer, K. H., Özek, T., Demirci, B., Ermin, N. & Van Vuuren, S. 2001. *Osmitopsis asteriscoides* – the essential oil composition and bioactivity of a Cape Dutch remedy. (poster: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Viljoen, A.M., Van Wyk, B.-E., Can Başer, K. H., Özek, T., Demirci, B. & Van Vuuren, S. 2001. The essential oil composition, medicinal uses and antimicrobial activity of the resurrection bush, *Myrothamnus flabellifolius*. (poster: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Netnou, N. & Van Wyk, B.-E. 2001. The sectional classification of *Dicoma* (Asteraceae). (lecture: 27<sup>th</sup> Annual SAAB Congress, RAU, Johannesburg, 14-17 January 2001)
- Van Wyk, B.-E. 2001. The value of chemosystematics in clarifying relationships in the genistoid tribes of papilionoid legumes. (lecture: 4<sup>th</sup> International Legume Conference, Canberra, Australia, 2-6 July 2001)
- Van Wyk, B.-E., Moshe, D., Van Heerden, F.R. & De Jager, A. 2001. Morphological and chemical variation in the genus *Sutherlandia* (cancer bush). (lecture: 4<sup>th</sup> International Legume Conference, Canberra, Australia, 2-6 July 2001)
- Van Wyk, B.-E., Van Heerden, F.R. & Viljoen, A.M. 2001. Phenolic variation in wild populations of *Aspalanthus linearis* (rooibos tea). (lecture: 4<sup>th</sup> International Legume Conference, Canberra, Australia, 2-6 July 2001)
- Van Heerden, F.R., Prasad, P.E. & Van Wyk, B.-E. 2001. Structures of the major secondary metabolites of *Siphonochilus aethiopicus* (Zingiberaceae). (lecture: 'Lead compounds from higher plants - International Symposium of the Phytochemical Society of Europe', Lausanne, Switzerland, 12-14 September 2001)
- Steenkamp, P., Van Heerden, F.R. & Van Wyk, B.-E. 2001. Forensiese aspekte van vergiftiging deur *Nicotiana glauca*. (lecture: 'Studentesimposium in die Natuurwetenskappe' van Afdelings Chemie Wetenskappe en Wis- en natuurkunde van die Suid-Afrikaanse Akademie vir Wetenskap en Kuns, University of Pretoria, 7 November 2001)
- Van Wyk, B.-E. 2001. The use of *Sutherlandia* (cancer bush) in treating African wasting diseases: a chemotaxonomic and ethnobotanical perspective. (lecture: Indigenous Plant Use Forum, Kimberley, 26-29 Junie 2001)
- Madzibane, J. & Van Wyk, B.-E. 2001. A review of Vhavenda and Vatsonga medicinal plant uses. (lecture: Indigenous Plant Use Forum, Kimberley, 26-29 Junie 2001)
- Van Wyk, B.-E. 2001. Phyto Nova and Wildland Plants – An Approach to HIV/AIDS. Invited lecture: 7<sup>th</sup> World Wilderness Congress, Port Elizabeth, South Africa, 2-8 November 2001). Published in 2004 – see Book Chapters)
- 2000:**
- Van Wyk, B.-E. 2000. A review of ethnobotany in southern Africa. (lecture: 26<sup>th</sup> Annual SAAB Congress, Potchefstroom, 10-14 January 2000)
- Netnou, N. & Van Wyk, B.-E. 2000. The medicinal value of *Dicoma* species. (lecture: 26<sup>th</sup> Annual SAAB Congress, Potchefstroom, 10-14 January 2000)
- Moteetee, A. & Van Wyk, B.-E. 2000. The taxonomy of *Melolobium*. (lecture: 26<sup>th</sup> Annual SAAB Congress, Potchefstroom, 10-14 January 2000)
- Smith, G.F., Van Wyk, B.-E., Steyn, E.M.A. & Breuer, I. 2000. Classification of *Haworthia*: perspectives from nectar sugar analysis and morphology. (poster: 16<sup>th</sup> AETFAT Congress, Meise, Belgium, 28 August – 2 September 2000)
- Viljoen, A.M. & Van Wyk, B.-E. 2000. South African medicinal aromatic plants – an overview. (lecture: 31<sup>st</sup> International Symposium on Essential Oils, Hamburg, Germany, 12 September 2000)
- Van Wyk, B.-E. 2000. Ethnobotanical mythology – a plea for documentation. (lecture: Indigenous Plant Use Forum, Nelspruit, 26 July 2000)
- Van Wyk, B.-E. 2000. Indigenous medicinal crop plants with commercial potential. (lecture: Indigenous Plant Use Forum, Nelspruit, 26 July 2000)
- 1999:**
- Van Wyk, B.-E. 1999. Useful Plants of Nieuwoudtville: an ethnobotanical survey. (lecture: 25<sup>th</sup> Annual SAAB Congress, University of Transkei, Umtata, 11-15 January 1999)
- Moshe, D. & Van Wyk, B.-E. 1999. The medicinal value of *Sutherlandia* R.Br. (Fabaceae). (lecture: 25<sup>th</sup> Annual SAAB Congress, University of Transkei, Umtata, 11-15 January 1999)
- Viljoen, A.M. & Van Wyk, B.-E. 1999. Taxonomic interpretation of chemical patterns in *Aloe*. (lecture: 25<sup>th</sup> Annual SAAB Congress, University of Transkei, Umtata, 11-15 January 1999)
- Van Wyk, B.-E. & Swartz, M. 1999. Variation studies in devil's claw (*Harpagophytum*, Pedaliaceae). (lecture: 25<sup>th</sup> Annual SAAB Congress, University of Transkei, Umtata, 11-15 January 1999)
- Van Wyk, B.-E. 1999. Theoretical and practical implications of infraspecific variation in the southern African flora. (lecture: Inaugural Conference of the South African Society for Systematic Biology, University of Stellenbosch, 18-22 January 1999)
- Viljoen, A.M. & Van Wyk, B.-E. 1999. Hybridization in *Aloe* and related genera. (lecture: Inaugural Conference of the South African Society for Systematic Biology, University of Stellenbosch, 18-22 January 1999)
- De Beer, M., Van Wyk, B.-E., Tilney, P.M., Van Heerden, F.R. & Viljoen, A.M. 1999. A study of the anatomy and cardiac glycosides in stem tubers of uzara (*Xysmalobium undulatum*). (poster: Inaugural Conference of the South African Society for Systematic Biology, University of Stellenbosch, 18-22 January 1999)
- Payne, T., Van Wyk, B.-E., Van Heerden, F.R. & Viljoen, A.M. 1999. A study of chemical variation in *Cissampelos capensis* (Menispermaceae). (poster: Inaugural Conference of the South African Society for Systematic Biology, University of Stellenbosch, 18-22 January 1999)

- Singh, Y., Van Wyk, B.-E. & Viljoen, A.M. 1999. A chemotaxonomic evaluation of hypoxoside and related compounds in the genus *Hypoxis* (Hypoxidaceae). (poster: Inaugural Conference of the South African Society for Systematic Biology, University of Stellenbosch, 18-22 January 1999)
- Van Wyk, B.-E. 1999. Evolution of African and Madagascar Apiaceae. (invited paper: Apiaceae Symposium, 16<sup>th</sup> International Botanical Congress, St. Louis, Missouri, USA, 1-7 August 1999)
- Crisp, M., Van Wyk, B.-E. & Wink, M. 1999. Phylogeny of the genistoid tribes. (lecture: 16<sup>th</sup> International Botanical Congress, St. Louis, Missouri, USA, 1-7 August 1999)
- Viljoen, A.M. & Van Wyk, B.-E. 1999. A new classification system for *Aloe* based on morphological and chemotaxonomic data. (poster: 16<sup>th</sup> International Botanical Congress, St. Louis, Missouri, USA, 1-7 August 1999)
- Van der Bank, M., Van Wyk, B.-E., Van der Bank, F.H. & Chase, M.W. 1999. The value of ITS sequence data in understanding speciation in *Virgilia*. (lecture: Systematics Association Second Biennial Conference, Glasgow, Scotland, 23-27 August 1999)
- 1998:**
- Van Wyk, B.-E., Van der Bank, M. & Viljoen, A.M. 1998. Variation studies in the *Aspalathus linearis* complex. (lecture: 24<sup>th</sup> Annual SAAB Congress, University of Cape Town, 12-16 January 1998)
- Campbell, G.J. & Van Wyk, B.-E. 1998. Taxonomic relationships in the genus *Rafnia* (Fabaceae, Crotalariaeae). (lecture: 24<sup>th</sup> Annual SAAB Congress, University of Cape Town, 12-16 January 1998)
- Mosche, D., Van Wyk, B.-E., Van der Bank, M., Van der Bank, F.H. & Van Heerden, F.R. 1998. A biosystematic study of the genus *Sutherlandia* R.Br. (Fabaceae, Galegeae) – a progress report. (lecture: 24<sup>th</sup> Annual SAAB Congress, University of Cape Town, 12-16 January 1998)
- Van der Bank, M., Van Wyk, B.-E., Van der Bank, F.H., Chase, M.H. 1998. The value of ITS sequence data in understanding speciation in *Virgilia*. (lecture: 24<sup>th</sup> Annual SAAB Congress, University of Cape Town, 12-16 January 1998)
- Viljoen, A.M. & Van Wyk, B.-E. 1998. Progress on the chemosystematics of *Aloe*. (lecture: 24<sup>th</sup> Annual SAAB Congress, University of Cape Town, 12-16 January 1998)
- Viljoen, A.M. & Van Wyk, B.-E. 1998. Are chemical compounds reliable taxonomic signposts in the genus *Aloe*? Two case studies from series *Mitriformes* and section *Kumara*. (lecture: 25<sup>th</sup> Congress of the International Organization for Succulent Plant Study, Kirstenbosch Botanical Gardens, Cape Town, 31 August – 4 September, 1998).
- Van Wyk, B.-E. 1998. Highlighting the importance of quality control of herbal remedies to ensure safety and efficacy. (keynote paper: the 1998 Complementary Health Care Summit, Holiday Inn, Crown Plaza, Sandton, 24 & 25 August 1998).
- Van Wyk, B.-E. 1998. The development of new crops from South African Medicinal Plants. (keynote paper: Symposium of the New Crop Research Association, Pretoria, 28-30 September 1998)
- Van Wyk, B.-E., Gericke, N. & Roodt, V. 1998. Kalahari plants – methods in rapid ethnobotanical appraisal. (lecture: Indigenous Plant Use Forum, Louis Trichardt, 30 June – 3 July 1998)
- 1997:**
- Campbell, G.J. & Van Wyk, B.-E. 1997. Taxonomic revision of the genus *Rafnia* (Fabaceae, Crotalariaeae). (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- De Castro, A.P. & Van Wyk, B.-E. 1997. Generic relationships of Southern African Saniculoideae (Apiaceae). (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Jensen, M., Tilney, P.M. & Van Wyk, B.-E. 1997. Phylogenetic value of leaf anatomy in *Aloe*. (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Makhuvha, N., Van Wyk, B.-E. & Van der Bank, F.H. 1997. Genetic polymorphism in wild and cultivated *Siphonochilus aethiopicus* (Zingiberaceae). (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Moshe, D., Van Wyk, B.-E., Van der Bank, M., Van der Bank, F.H. & Van Heerden, F.R. 1997. Genetic variation in the genus *Sutherlandia* (Fabaceae, Galegeae). (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Moshe, D., Van Wyk, B.-E., Van der Bank, M., Van der Bank, F.H. & Van Heerden, F.R. 1997. Variation studies in *Sutherlandia*. (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Schubert, M.T.R. & Van Wyk, B.-E. 1996. New insights into the taxonomy of *Centella*. (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Strydom, T.Y., Van Wyk, B.-E. & Van Heerden, F.R. 1997. Chemical variation in *Artemisia afra*. (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Tilney, P.M. & Van Wyk, B.-E. 1997. A revision of the genus *Annesorhiza* (Apiaceae). (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Van der Bank, M., Van Wyk, B.-E., Chase, M.H. & Van der Bank, F.H. 1997. Towards an improved understanding of phylogenetic relationships in the tribe Podalyrieae (Fabaceae): The value of molecular data. (lecture: 23<sup>rd</sup> annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Van der Bank, M., Van Wyk, B.-E. & Van der Bank, F.H. 1997. Sprouting is a derived character state in *Aspalathus linearis*: Evidence from allozyme, flavonoid and morphological data. (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Van Heerden, F.R., Viljoen, A.M. & Van Wyk, B.-E. 1997. Unusual chromone derivatives of *Aloe lutescens*. (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)
- Van Wyk, B.-E., Winter, P.J.D. & Buys, M.H. 1997. The primary flower anthocyanins of *Lobostemon* Lehm. (Boraginaceae). (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)

Van Wyk, B.-E., Viljoen, A.M. & Graven, E.H. 1997. *Harpagophytum procumbens* as a natural resource. (poster: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)

Viljoen, A.M. & Van Wyk, B.-E. 1997. Aloe chemotaxonomy - examples from A to Z. (lecture: 23<sup>rd</sup> Annual SAAB Congress, University of Fort Hare, Alice, 13-17 January 1997)

#### **1996:**

Schubert, M.T.R. & Van Wyk, B.-E. 1996. Towards a new model to explain phylogenetic relationships in *Centella* (Apiaceae). (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Viljoen, A.M. & Van Wyk, B.-E. 1996. Chemotaxonomic patterns in the genus *Aloe* - towards a new phylogeny. (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Viljoen, A.M. & Van Wyk, B.-E. 1996. The diagnostic value of leaf exudate in "fingerprinting" species of *Aloe*. (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Viljoen, A.M., Van Wyk, B.-E. & Dagne, E. 1996. The taxonomic value of 10-hydroxyaloin in the genus *Aloe*. (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Van der Bank, M., Van Wyk, B.-E. & Van der Bank, H. 1996. The application of electrophoretic data in plant systematic studies. (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Van der Bank, H. & Van Wyk, B.-E. 1996. Circumscription of *Aloe candelabrum* and *A. ferox*, and biochemical genetic markers for *A. ferox* X *A. arborescens* hybrids (Aloaceae). (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Van der Bank, M., Van Wyk, B.-E. & Van der Bank, H. 1996. Biochemical genetic variation in sprouting and non-sprouting populations of *Aspalathus linearis* (Rooibos Tea). (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Van Wyk, B.-E. 1996. Priorities for biosystematic and chemosystematic studies of the southern African flora. (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Van Wyk, B.-E. & Van der Bank, M. 1996. Variation studies in *Aspalathus linearis* (Rooibos Tea). (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Schubert, M.T.R. & Van Wyk, B.-E. 1996. The taxonomy and medicinal value of *Centella asiatica* (Apiaceae). (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

De Castro, A.P. & Van Wyk, B.-E. 1996. *Alepidea amatymbica* ("Ikhatzozo") is actually two species. (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

De Castro, A.P. & Van Wyk, B.-E. 1996. A reappraisal of the taxonomy of the genus *Alepidea* on the basis of comparative morphology. (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Brits, M., De Castro, A. & Van Wyk, B.-E. 1996. Ethnobotanical studies in the Klipriviersberg- Part 2: Utilization of medicinal plants. (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Brits, M. & Van Wyk, B.-E. 1996. Klipriviersberg: floristics, ecology and human impact. (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

De Nysschen, A.M., Van Wyk, B.-E. & Van Heerden, F. 1996. The seed flavonoids of the Podalyrieae and Liparieae (Fabaceae). (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

De Nysschen, A.M. & Van Wyk, B.-E. 1996. The chemotaxonomic value of flavonoids in the Podalyrieae and Liparieae (Fabaceae). (lecture: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Winter, P.J.D. & Van Wyk, B.-E. 1996. The role of thin layer chromatography in studying traditional medicines. (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Strydom, T.Y. & Van Wyk, B.-E. 1996. The taxonomic value of anthocyanins in South African Proteaceae and Ericaceae. poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Bailey, J.H., Tilney, P.M. & Van Wyk, B.-E. 1996. A comparative study of South African members of the subfamily Hydrocotyloideae (Apiaceae). (poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Campbell, G.J. & Van Wyk, B.-E. 1996. An evaluation of taxonomic characters in the genus *Rafnia* (Fabaceae, Crotalarieae). paper: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Campbell, G.J. & Van Wyk, B.-E. 1996. Morphological variation in the genus *Rafnia*. poster: 22<sup>nd</sup> Annual SAAB Congress, Stellenbosch, 15-20 January 1996)

Nicolson, S.W. & Van Wyk, B.-E. 1996. Nectar sugars of Proteaceae: patterns & processes. (lecture: Proteaceae Conference, Royal Botanic Gardens Melbourne & University of Melbourne, 29 September to 3 October 1996)

Nicolson, S.W. & Van Wyk, B.-E. 1996. Bird pollination in the Southern Hemisphere: surprises in nectar chemistry. (lecture: Southern Hemisphere Ornithological Congress, Albany, Western Australia, 5-9 October 1996)

#### **1995:**

Schubert, M.T.R. & Van Wyk, B.-E. 1995. An evaluation of taxonomic characters in the genus *Centella*. (lecture: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)

Winter, P.J.D., Van Wyk, B.-E. & Tilney, P.M. 1995. A comparative study of three woody genera of the Apiaceae (*Heteromorpha*, *Polemanna* and *Polemanniopsis*). (lecture: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)

- Viljoen, A.M. & Van Wyk, B.-E. 1995. A chemotaxonomic study of the genus *Aloe* (Aloaceae). (lecture: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Van der Bank, M., Van Wyk, B.-E. & Van der Bank, H. 1995. Documentation of genetic variation in wild relatives of Rooibos Tea (*Aspalathus linearis*). (lecture: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Van Wyk, B.-E. 1995. Exploring the diversity and potential value of African Aloaceae, Apiaceae and Fabaceae through taxonomic and biosystematic studies. (lecture: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- De Castro, A.P. & Van Wyk, B.-E. 1995. A survey of taxonomic characters in the genus *Alepidea* (Apiaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Brits, M., De Castro, A. & Van Wyk, B.-E. 1995. Ethnobotanical studies in the Klipriviersberg- Part 1: Utilization of "Transvaal thatching grass". (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- De Nysschen, A.M., Van Wyk, B.-E. & Van Heerden, F. 1995. The major phenolic compounds in the leaves of *Cyclopia* (honeybush tea). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Winter, P.J.D. & Van Wyk, B.-E. 1995. The taxonomic value of anthocyanins and nectar sugars in southern African Crassulaceae. (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Tilney, P.M. & Van Wyk, B.-E. 1995. Structural variation in the fruit of *Dasispermum* (Apiaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Viljoen, A.M., Van Wyk, B.-E. & Smith, G.F. 1995. A chemotaxonomic comparison of *Aloe candelabrum* and *A. ferox* (Aloaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Viljoen, A.M., Van Wyk, B.-E., Winter, P.J.D., Smith, G.F. & Van Oudtshoorn, M.C.B. 1995. Is *Aloe spectabilis* distinct from *A. marlothii*? (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Van der Bank, H., Van Wyk, B.-E. & Van der Bank, M. 1995. Genetic variation in two economically important *Aloe* species (Aloaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Van Wyk, B.-E., Van der Bank, H. & Van der Bank, M. 1995. Genetic variation in *Virgilia oroboides* (Fabaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Van Wyk, B.-E., Allison, I. & Tilney, P.M. 1995. Phylogenetic relationships in the genus *Anginon* (Apiaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Smith, G.F., Van Jaarsveld, E.J., & Van Wyk, B.-E. 1995. Phylogenetic relationships in the genus *Gasteria* (Aloaceae). (poster: 21<sup>st</sup> Annual SAAB Congress, Bloemfontein, 10-12 January 1995)
- Van Wyk, B.-E., Viljoen, A.M. & Dagne, E. 1995. Chemotaxonomy of the Aloaceae and Asphodelaceae. (lecture: 6<sup>th</sup> NAPRECA Symposium on Natural Products, Kampala, Uganda, 10-15 September 1995). Published in Extended Abstracts, pp. 15-18.
- Dagne, E., Van Wyk, B.-E., Stephenson, D. & Steglich, W. 1995. Novel oxanthrones from *Aloe* species. (lecture: 6<sup>th</sup> NAPRECA Symposium on Natural Products, Kampala, Uganda, 10-15 September 1995). Published in Extended Abstracts, pp. 23-26.
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- Van Wyk, B.-E. 1995. *Aloe ferox* as a natural resource. (poster: 6<sup>th</sup> NAPRECA Symposium on Natural Products, Kampala, Uganda, 10-15 September 1995). Published in Extended Abstracts, p. 137.
- Viljoen, A.M., Van Wyk, B.-E. & Dagne, E. 1995. The taxonomic significance of 10-hydroxyaloin in the genus *Aloe*. (poster: 6<sup>th</sup> NAPRECA Symposium on Natural Products, Kampala, Uganda, 10-15 September 1995). Published in Extended Abstracts, p. 138.
- 1994:**
- Van Wyk, B.-E. 1994. Chemosystematic studies of secondary metabolites in the southern African flora (lecture: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Van Wyk, B.-E. & Nicolson, S.W. 1994. Chemotaxonomic value of nectar sugars in Proteaceae. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Brits, M. & Van Wyk, B.-E. 1994. Die struktuur en floristiese samestelling van struikwoude in die Golden Gate Nasionale Park. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Manfred, D. & Van Wyk, B.-E. 1994. The structure and floristic composition of afromontane forests in the Golden Gate National Park. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Schutte, A.L. & Van Wyk, B.-E. 1994. Morphological variation in the genus *Podalyria*. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Schutte, A.L., Vlok, J. & Van Wyk, B.-E. 1994. Growth form - an important but problematic character in fynbos legumes. (lecture: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Smith, G.F. & Van Wyk, B.-E. 1994. A cladistic analysis of the Aloaceae genera (Asphodelaceae). (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Tilney, P.M. & Van Wyk, B.-E. 1994. Fruit morphology in *Annesorhiza* (Apiaceae). (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Van Wyk, B.-E., Van Oudtshoorn, M.C.B. & Smith, G.F. 1994. Geographical variation in *Aloe ferox* leaf exudate. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)

- Van Wyk, B.-E. & Winter, P.J.D. 1994. Chemotaxonomic value of anthocyanins in *Podalyria* and *Virgilia*. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Van Wyk, B.-E. & Verdoorn, G.F. 1994. Chemosystematic value of alkaloids in African Fabaceae. (lecture: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Winter, P.J.D. & Van Wyk, B.-E. 1994. A revision of the genus *Heteromorpha* (Apiaceae). (lecture: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- Winter, P.J.D. & Van Wyk, B.-E. 1994. The species of *Heteromorpha* (Apiaceae): Diagnostic characters and distribution. (poster: 20<sup>th</sup> Annual SAAB Congress, Johannesburg, 10-14 January 1994)
- 1993:**
- Van Wyk, B.-E. 1993. The generic circumscription of *Lebeckia* (Fabaceae, Crotalariaeae) and the status of *L. wrightii*. (lecture: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- Schutte, A.L. & Van Wyk, B.-E. 1993. Taxonomic relationships in the genus *Priestleya*. (lecture: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- Winter, P.J.D. & Van Wyk, B.-E. 1993. The genus *Heteromorpha* (Apiaceae) in Africa and Madagascar. (lecture: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- Palmer, R. & Van Wyk, B.-E. 1993. Infrageneric variation in the genus *Sutherlandia* (Fabaceae, Galegeae). (lecture: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- Van Wyk, B.-E. & Allison, I. 1993. The taxonomy of the genus *Anginon* (Apiaceae). (lecture: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- Van Wyk, B.-E. & Verdoorn, G.H., Balkwill, K. & Balkwill, M.-J. 1993. A chemotaxonomic survey of alkaloids in southern African Acanthaceae. (poster: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
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- Winter, P.J.D. & Van Wyk, B.-E. 1993. The taxonomic value of leaf epidermal characters in *Heteromorpha* and some related genera (Apiaceae). (poster: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- O'Brien, O.M. & Van Wyk, B.-E. 1993. Algemene gifplante in stedelike gebiede met spesifieke verwysing na *Melia azedarach*. (poster: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
- Venter, M. & Van Wyk, B.-E. 1993. 'n Taksonomiese studie van *Bolusia* (Fabaceae). (poster: 19<sup>th</sup> Annual SAAB Congress, Bellville, Cape, 11-15 January 1993)
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- Smith, G.F. & Van Wyk, B.-E. 1993. A cladistic analysis of the Alooidae genera (Asphodelaceae). (poster: Monocotyledon Symposium, Royal Botanic Gardens, Kew, July 1993).
- Van Wyk, B.-E. & Verdoorn, G.H. 1993. Optical rotation of quinolizidine alkaloids: an important variable in chemotaxonomic studies of Fabaceae. (poster: 15<sup>th</sup> International Botanical Conference, Yokohama, Japan, 28 August-3 September 1993)
- Smith, G.F. & Van Wyk, B.-E. 1993. A little known species of *Aloe* is disappearing rapidly in the eastern Cape Province. (poster: The Conservation and Utilization of southern African Botanical Diversity, National Botanical Institute, Cape Town, 7-8 September 1993).
- Van Wyk, B.-E. & Verdoorn, G.H. 1993. Seed alkaloids of the genus *Lotononis* (Fabaceae, Crotalariaeae). (lecture: 5<sup>th</sup> Napreca Symposium on Natural Products, Antananarivo, Madagascar, 19-23 September 1993). Published in Extended Abstracts, pp. 139-141.
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- Van Wyk, B.-E. & Verdoorn, G.H. 1992. Optical rotation of quinolizidine alkaloids and its importance in chemosystematics. (lecture: 18<sup>th</sup> Annual SAAB Congress, Durban, 13-17 January 1992)
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- Van Wyk, B.-E. & Schutte, A.L. 1992. The tribes Podalyriaeae, Lipariaeae & Crotalariaeae. (lecture: 3<sup>rd</sup> International Legume Conference, Kew, England, 12-17 July 1992)
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- Swanepoel, D.P. & Van Wyk, B.-E. 1991. Morphological variation in *Pearsonia sessilifolia*. (poster: 17<sup>th</sup> Annual SAAB Congress, Pietermaritzburg, 15-18 January 1991)
- Verdoorn, G.H., Van Wyk, B.-E. & Posthumus, C.B. 1991. Alkaloidal variation in *Pearsonia cajanifolia*. (poster: 17<sup>th</sup> Annual SAAB Congress, Pietermaritzburg, 15-18 January 1991)
- Van Wyk, B.-E. 1991. The problem of homology in secondary metabolites. (invited paper: Systematics Symposium: 17<sup>th</sup> Annual SAAB Congress, Pietermaritzburg, 15-18 January 1991)
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- Van Wyk, B.-E. 1990. The taxonomy of the genus *Lotononis* (Fabaceae, Crotalariaeae). (lecture: 16<sup>th</sup> Annual SAAB Congress, Grahamstown, 17-19 January 1990)
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- 1989:**
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- Verdoorn, G. H. & Van Wyk, B.-E. 1989. New esters of quinolizidine alkaloids from the genus *Pearsonia*. (poster: 15<sup>th</sup> Annual SAAB Congress, Pretoria, 9-13 January 1989)
- Verdoorn, G. H., Van Wyk, B.-E. & Schutte, A. L. 1989. Alkaloids of the genus *Dichilus* (Leguminosae, Crotalariaeae). (poster: 15<sup>th</sup> Annual SAAB Congress, Pretoria, 9-13 January 1989)
- 1988:**
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- Verdoorn, G. H., Van Wyk, B.-E., Burger, L. & Schutte, A. L. 1988. Extraction, isolation and chemical characterization of alkaloids in southern African Crotalariaeae. (poster: 14<sup>th</sup> Annual SAAB Congress, Cape Town, 11-16 January 1988)
- Mouton, P. L., Verdoorn, G. H. & Van Wyk, B.-E. 1988. The use of GC-MS in plant chemosystematics: identification of complex alkaloid mixtures. (poster: Conference on Mass Spectrometry, South African Chemical Institute, Dikhololo, Transvaal, 1-4 May 1988)
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- Schutte, A. L. & Van Wyk, B.-E. 1987. Morfologiese variasie in die genus *Dichilus*. (poster: 13<sup>th</sup> Annual SAAB Congress, Durban, 12-17 January 1987)
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- 1986:**
- Van Wyk, B.-E. 1986. Vegetation survey of the Zuurburg National Park. (lecture: 12<sup>th</sup> Annual SAAB Congress, Umtata, Transkei, 23 January 1986)
- Van Wyk, B.-E. 1986. Distribution patterns and variation in the genus *Virgilia* (Fabaceae - Crotalariaeae). (poster: 2<sup>nd</sup> International Legume Conference, St. Louis, Missouri, U.S.A., 23-27 July 1986)
- Van Wyk, B.-E. & Schutte A. L. 1986. Phenetic similarity in some species of *Melolobium*, *Dichilus* and *Lotononis* (Fabaceae-Crotalariaeae). (poster: 2<sup>nd</sup> International Legume Conference, St. Louis, Missouri, U.S.A., 23-27 July 1986)



## 14. Patents

Gericke, N., Van Wyk, B.-E., 1997 (filed 3 June). Pharmaceutical compositions containing mesembrine and related compounds. PCT/GB97/01493. Research work on *Sceletium tortuosum* (now also called *Mesembryanthemum tortuosum*) was part of a THRIP-funded collaboration with SA Druggists (now Aspen Pharmacare) in the period 1993 to 1999. New crop development involved the selection of high-alkaloid genotypes for cultivation; mesembrine and other alkaloids were isolated from various species and provenances and resulted in an international patent. The patent was recently transferred to a local company and serious development work is currently underway.

## 15. Branded medicinal (herbal) products

15.1 “Healers Choice” Branded range of African Traditional Medicines (developed by South African Druggists (now Aspen Pharmacare). THRIP-funded research on the botany and chemical variation of the plants during the period 1993 to 1999. This research has led to new crops (*Sceletium*, *Artemisia*), an expanded factory for the production of plant tinctures (Parceval) and a registered international patent (*Sceletium* and its alkaloids).

15.2 “Phyto Nova” range of medicinal products. As founding director of Phyto Nova (Pty) Ltd (1999-2004), new crops and new medicinal products were developed and branded, based on African Traditional Medicinal Plants. Notable examples are *Sutherlandia* (now a household name, copied by many other companies), Pepperbark leaf (*Warburgia*), African ginger (*Siphonochilus*) and *Sceletium*; the company was taken over by Thebe Pharmaceuticals in 2004 and renamed “Thebe Natural Medicine” with *Phyto Nova* retained as a brand name. The range of products has expanded but the original concepts were retained. The Phyto Nova brand was sold to Bioscience Brands but recently reverted back to Thebe.

## 16. List of ca. 300 new taxa (new tribes, genera, sections, species) and new names authored or co-authored by B.-E. van Wyk

[Five new tribes, 85 new species, 14 new subspecies, four new sections, 17 new subsections, ten new genera and many new name combinations]

### 16.1 Apiaceae:

tribe *Annesorhizeae* Magee, C.I.Calviño, M.Liu, S.R.Downie, Tilney & B.-E.van Wyk -- Taxon 59(2): 577 (-578). 2010 [2 Apr 2010]  
tribe *Choritaenidae* Magee, C.I.Calviño, M.Liu, S.R.Downie, Tilney & B.-E.van Wyk -- Taxon 59(2): 578. 2010 [2 Apr 2010]  
tribe *Lichtensteinidae* Magee, C.I.Calviño, M.Liu, S.R.Downie, Tilney & B.-E.van Wyk -- Taxon 59(2): 578. 2010 [2 Apr 2010]  
tribe *Marlothiellae* Magee, C.I.Calviño, M.Liu, S.R.Downie, Tilney & B.-E.van Wyk -- Taxon 59(2): 578. 2010 [2 Apr 2010]  
tribe *Phlyctidocarpeae* Magee, C.I.Calviño, M.Liu, S.R.Downie, Tilney & B.-E.van Wyk -- Taxon 59(2): 578. 2010 [2 Apr 2010]  
*Alepidea cordifolia* B.-E.van Wyk -- S. African J. Bot. 74(4): 740 (-745; figs. 1-3, map). 2008 [Oct 2008]  
*Andriana* B.-E.van Wyk -- Taxon 48(4): 739 (1999). (IK)  
*Andriana coursii* (Humbert) B.-E.van Wyk -- Taxon 48(4): 740 (1999): (IK)  
*Andriana marojejensis* (Humbert) B.-E.van Wyk -- Taxon 48(4): 740 (1999): (IK)  
*Andriana tsaratananensis* (Humbert) B.-E.van Wyk -- Taxon 48(4): 740 (1999): (IK)  
*Anginon fruticosum* I.Allison & B.-E.van Wyk -- Nordic J. Bot. 17(6): 567. 1998 [1997 publ. 1998] (IK)  
*Anginon intermedium* I.Allison & B.-E.van Wyk -- Nordic J. Bot. 17(6): 576. 1998 [1997 publ. 1998] (IK)  
*Anginon pumilum* I.Allison & B.-E.van Wyk -- Nordic J. Bot. 17(6): 569. 1998 [1997 publ. 1998] (IK)  
*Anginon streyi* (Merxm.) I.Allison & B.-E.van Wyk -- Nordic J. Bot. 17(6): 574. 1998 [1997 publ. 1998] (IK)  
*Anginon tenuis* I.Allison & B.-E.van Wyk -- Nordic J. Bot. 17(6): 569. 1998 [1997 publ. 1998], as 'tenuior' (IK)  
*Anginon ternatum* I.Allison & B.-E.van Wyk -- Nordic J. Bot. 17(6): 566. 1998 [1997 publ. 1998] (IK)  
*Annesorhiza asparagoides* B.-E.van Wyk -- S. African J. Bot. 77(1): 244 (-248; figs. 1-3, map). 2011 [Jan 2011]; nom. inval.  
*Annesorhiza burtii* B.-E.van Wyk -- Nordic J. Bot. 21(6): 633. 2002 [2001 publ. 2002] (IK)  
*Annesorhiza elsiae* Vessio, Tilney & B.-E.van Wyk -- Syst. Bot. 36(2): 511 (fig. 4, map). 2011 [13 Jun 2011]  
*Annesorhiza fibrosa* B.-E.van Wyk -- Nordic J. Bot. 21(6): 640. 2002 [2001 publ. 2002] (IK)  
*Annesorhiza lateriflora* (Eckl. & Zeyh.) B.-E.van Wyk -- Nordic J. Bot. 21(5): 647. 2002 [2001 publ. 2002] (IK)  
*Annesorhiza triternata* (Eckl. & Zeyh.) Vessio, Tilney & B.-E.van Wyk -- Syst. Bot. 36(2): 518. 2011 [13 Jun 2011]  
*Billburtia* Magee & B.-E.van Wyk -- Pl. Syst. Evol. 283(3-4): 241 (-242). 2009 [Dec 2009]  
*Cannaboides* B.-E.van Wyk -- Taxon 48(4): 740 (1999). (IK)  
*Cannaboides andohahelensis* (Humbert) B.-E.van Wyk -- Taxon 48(4): 742 (1999): (IK)  
*Cannaboides andohahelensis* (Humbert) B.-E.van Wyk var. *denudata* (Humbert) B.-E.van Wyk -- Taxon 48(4): 742 (1999): (IK)  
*Cannaboides betsileensis* (Humbert) B.-E.van Wyk -- Taxon 48(4): 742 (1999): (IK)  
*Capnophyllum lutzeyeri* Magee & B.-E.van Wyk -- S. African J. Bot. 75(2): 290 (figs. 2b, f, 4c, map). 2009 [Apr 2009]  
*Capnophyllum macrocarpum* Magee & B.-E.van Wyk -- S. African J. Bot. 75(2): 290 (-291; figs. 1a, 2d, h, 3b, 4a, map). 2009 [Apr 2009]

*Centella annua* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 17(3): 309 (1997). (IK)  
*Centella brachycarpa* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 18(4): 467 (1998). (IK)  
*Centella calcaria* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 17(3): 310 (1997). (IK)  
*Centella cryptocarpa* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 19(4): 433 (1999). (IK)  
*Centella dolichocarpa* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 18(4): 468 (1998). (IK)  
*Centella glauca* M.T.R.Schub. & B.-E.van Wyk -- Bothalia 26(1): 50 (1996). (IK)  
*Centella gymnocarpa* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 19(4): 433 (1999). (IK)  
*Centella longifolia* (Adamson) M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 19(4): 432 (1999): (IK)  
*Centella pilosa* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 18(4): 469 (1998). (IK)  
*Centella ternata* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 15(2): 167 (1995). (IK)  
*Centella thesioides* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 15(3): 265 (1995). (IK)  
*Centella tridentata* var. *dregeana* (Sond.) M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 17(3): 314 (1997): (IK)  
*Centella tridentata* var. *hermannifolia* (Eckl. & Zeyh.) M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 17(3): 313 (1997): (IK)  
*Centella tridentata* var. *litoralis* (Eckl. & Zeyh.) M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 17(3): 313 (1997): (IK)  
*Centella umbellata* M.T.R.Schub. & B.-E.van Wyk -- Nordic J. Bot. 15(2): 168 (1995). (IK)  
*Cynorhiza bolusii* Magee & B.-E.van Wyk -- S. African J. Bot. 74(4): 732 (-733; figs. 1-3, map). 2008 [Oct 2008]  
*Dasispermum capense* (Lam.) Magee & B.-E.van Wyk -- Syst. Bot. 34(3): 590. 2009 [2 Sep 2009]  
*Dasispermum grandicarum* Magee & B.-E.van Wyk -- S. African J. Bot. 76(2): 315 (figs. 2-3, map). 2010 [Apr 2010]  
*Dasispermum hispidum* (Thunb.) Magee & B.-E.van Wyk -- Syst. Bot. 34(3): 590. 2009 [2 Sep 2009]  
*Dasispermum humile* (Meisn.) Magee & B.-E.van Wyk -- Syst. Bot. 34(3): 590. 2009 [2 Sep 2009]  
*Dasispermum perennans* Magee & B.-E.van Wyk -- S. African J. Bot. 76(2): 318 (-319; figs. 1-4, map). 2010 [Apr 2010]  
*Dasispermum tenue* (Sond.) Magee & B.-E.van Wyk -- Syst. Bot. 34(3): 590. 2009 [2 Sep 2009]  
*Glia decidua* B.-E.van Wyk -- S. African J. Bot. 76(2): 270 (-271; figs. 1-3, 5, 7-8, map). 2010 [Apr 2010]  
*Glia pilulosa* B.-E.van Wyk -- S. African J. Bot. 76(2): 270 (-271; figs. 1-3, 6-8, map). 2010 [Apr 2010]  
*Lichtensteinia globosa* B.-E.van Wyk & Tilney -- S. African J. Bot. 74(4): 757 (-760; figs. 1-2, map). 2008 [Oct 2008]  
*Notobubon* B.-E.van Wyk -- Taxon 57(2): 355 (-356). 2008 [30 May 2008]  
*Peucedanum filicaule* (Eckl. & Zeyh.) B.-E.van Wyk & Tilney -- Edinburgh J. Bot. 58(3): 385 (2001). (IK)  
*Polemiopsis namibensis* B.-E.van Wyk, A.Burke & Mannh. -- S. African J. Bot. 76(1): 153 (-157; figs.). 2010 [Jan 2010]  
*Pseudocannaboides* B.-E.van Wyk -- Taxon 48(4): 742 (1999). (IK)  
*Pseudocannaboides andringitrensis* (Humbert) B.-E.van Wyk -- Taxon 48(4): 742 (1999): (IK)  
*Pseudocarum laxiflorum* (Baker) B.-E.van Wyk -- Taxon 48(4): 744 (1999): (IK)  
*Pseudocarum laxiflorum* (Baker) B.-E.van Wyk var. *alticola* (Humbert) B.-E.van Wyk -- Taxon 48(4): 744 (1999): (IK)  
*Scaraboides* Magee & B.-E.van Wyk -- Syst. Bot. 34(3): 591. 2009 [2 Sep 2009]  
*Scaraboides manningii* Magee & B.-E.van Wyk -- Syst. Bot. 34(3): 591 (fig. 7, map). 2009 [2 Sep 2009]  
*Tana* B.-E.van Wyk -- Taxon 48(4): 743 (1999). (IK)  
*Tana bojeriana* (Baker) B.-E.van Wyk -- Taxon 48(4): 743 (1999): (IK)

## 16.2 Fabaceae:

*Amphithalea rostrata* A.L.Schutte & B.-E.van Wyk -- Bothalia 21(1): 59 (1991). (IK)  
*Amphithalea vlokii* (A.L.Schutte & B.-E.van Wyk) A.L.Schutte -- Taxon 47(1): 64 (1998): (IK)  
*Bolusia grandis* B.-E.van Wyk -- Fl. Zambes. 3(7): 232. 2003 [May 2003]  
*Calobota acanthoclada* (Dinter) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota angustifolia* (E.Mey.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota cinerea* (E.Mey.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota cuspidosa* (Burch.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota elongata* (Thunb.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota halenbergensis* (Merxm. & A.Schreib.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota linearifolia* (E.Mey.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota lotononoides* (Schltr.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota obovata* (Schinz) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 553. 2009 [Aug 2009]  
*Calobota psiloloba* (E.Mey.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 554. 2009 [Aug 2009]  
*Calobota pungens* (Thunb.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 554. 2009 [Aug 2009]  
*Calobota saharae* (Coss. & Durieu) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 554. 2009 [Aug 2009]  
*Calobota sericea* (Thunb.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 554. 2009 [Aug 2009]  
*Calobota spinescens* (Harv.) Boatwr. & B.-E.van Wyk -- S. African J. Bot. 75(3): 554. 2009 [Aug 2009]  
*Coelidium vlokii* A.L.Schutte & B.-E.van Wyk -- Bothalia 22(2): 188 (1992). (IK)  
*Crotalaria giessii* M.M.le Roux & B.-E.van Wyk -- Syst. Bot. 38(3): 647. 2013 [24 Sep 2013]  
*Crotalaria kolbergii* M.M.le Roux & B.-E.van Wyk -- Syst. Bot. 38(3): 650. 2013 [24 Sep 2013]  
*Crotalaria* sect. *Amphitrichae* M.M.le Roux & B.-E.van Wyk -- Syst. Bot. 38(3): 645. 2013 [24 Sep 2013]  
*Crotalaria* sect. *Borealigeniculatae* M.M.le Roux & B.-E.van Wyk -- Taxon 62(5): 968. 2013 [22 Oct 2013]  
*Crotalaria* sect. *Glaucæ* (Benth.) M.M.le Roux & B.-E.van Wyk -- Taxon 62(5): 969. 2013 [22 Oct 2013]  
*Crotalaria* sect. *Stipulosæ* (Benth.) M.M.le Roux & B.-E.van Wyk -- Taxon 62(5): 969. 2013 [22 Oct 2013], basionym as 'Baker f.'  
*Ezoloba* B.-E.van Wyk & Boatwr. -- Taxon 60(1): 170. 2011 [10 Feb 2011]  
*Ezoloba macrocarpa* (Eckl. & Zeyh.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 170. 2011 [10 Feb 2011]  
*Lebeckia brevicarpa* M.M.le Roux & B.-E.van Wyk -- S. African J. Bot. 73(1): 124 (119-120, 125-126; figs. 1b,f, 2b, 3b, 4b, 7-8). 2007 [Jan 2007]  
*Lebeckia brevipes* M.M.le Roux & B.-E.van Wyk -- S. African J. Bot. 74(4): 664 (-665; figs. 3-4, 6, map). 2008 [Oct 2008]  
*Lebeckia uniflora* B.-E.van Wyk & M.M.le Roux -- S. African J. Bot. 75(1): 92 (-93; figs. 10-11). 2009 [Jan 2009]  
*Lebeckia zeyheri* M.M.le Roux & B.-E.van Wyk -- S. African J. Bot. 74(4): 675 (-676; figs. 3-4, 16, map). 2008 [Oct 2008]  
*Leobordea acuticarpa* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea adpressa* (N.E.Br.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea adpressa* (N.E.Br.) B.-E.van Wyk & Boatwr. subsp. *leptantha* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea anthyllioides* (Harv.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea arida* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea benthamiana* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Leobordea bracteosa* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea bullonii* (Emb. & Maire) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea carinata* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea corymbosa* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea decumbens* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]

*Leobordea decumbens* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. subsp. *rehmannii* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea difformis* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea diffusa* B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]; nom. illeg.  
*Leobordea digitata* (Harv.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Leobordea eriantha* (Benth.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea esterhuyseniana* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea foliosa* (Bolus) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea furcata* (Merxm. & A.Schreib.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]; nom. inval.  
*Leobordea globulosa* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea grandis* (Dümmer & A.J.Jenn.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea hirsuta* (Schinz) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea lanata* (Thunb.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea lanceolata* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea laticeps* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea longicephala* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea longiflora* (Bolus) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Leobordea magnifica* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172 (-173). 2011 [10 Feb 2011]  
*Leobordea maroccana* (Ball) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea mirabilis* (Dinter) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea mollis* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea mucronata* (Conrath) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea newtonii* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea oligocephala* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea pariflora* (N.E.Br.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 174. 2011 [10 Feb 2011]  
*Leobordea pentaphylla* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea platycarpa* (Viv.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea plicata* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea polycephala* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea procumbens* (Bolus) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea pulchra* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea pusilla* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea quinata* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea schoenfelderi* (Dinter ex Merxm. & A.Schreib.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea* sect. *Digitatae* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Leobordea* sect. *Leptis* (E.Mey. ex Eckl. & Zeyh.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea* sect. *Lipozygis* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea* sect. *Synclistus* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea* sect. *Spicata* (Compton) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea stipulosa* (Baker f.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 173. 2011 [10 Feb 2011]  
*Leobordea stolzii* (Harms) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea* subsect. *Bracteolatae* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea* subsect. *Lipozygis* (E.Mey.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Leobordea sutherlandii* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 176. 2011 [10 Feb 2011]  
*Leobordea tapetiformis* (Emb. & Maire) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 175. 2011 [10 Feb 2011]  
*Lessertia meyeri* Boatwr., Nkonki & B.-E.van Wyk -- Syst. Bot. 36(2): 373 (-375; fig. 3, map). 2011 [13 Jun 2011]  
*Listia angolensis* (Welw. ex Baker) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 171. 2011 [10 Feb 2011]  
*Listia bainesii* (Baker) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 171. 2011 [10 Feb 2011]  
*Listia marlothii* (Engl.) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Listia minima* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Listia solitudinis* (Dümmer) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Listia subulata* (B.-E.van Wyk) B.-E.van Wyk & Boatwr. -- Taxon 60(1): 172. 2011 [10 Feb 2011]  
*Lotononis acocksii* B.-E.van Wyk -- S. African J. Bot. 55(2): 178 (1989). (IK)  
*Lotononis acuticarpa* B.-E.van Wyk -- Bothalia 20(1): 21 (1990). (IK)  
*Lotononis adpressa* N.E.Br. subsp. *leptantha* B.-E.van Wyk -- Contr. Bolus Herb. 14: 141 (1991). (IK)  
*Lotononis alpina* (Eckl. & Zeyh.) B.-E.van Wyk -- Contr. Bolus Herb. 14: 277 (1991): (IK)  
*Lotononis alpina* (Eckl. & Zeyh.) B.-E.van Wyk subsp. *multiflora* (Eckl. & Zeyh.) B.-E.van Wyk -- Contr. Bolus Herb. 14: 279 (1991): (IK)  
*Lotononis amajubica* (Burt Davy) B.-E.van Wyk -- Contr. Bolus Herb. 14: 271 (1991): (IK)  
*Lotononis anthyllopsis* B.-E.van Wyk -- Contr. Bolus Herb. 14: 164 (1991), nom. nov. (IK)  
*Lotononis azureoides* B.-E.van Wyk -- Bothalia 19(1): 1 (1989). (IK)  
*Lotononis bracteosa* B.-E.van Wyk -- Bothalia 20(1): 73 (1990). (IK)  
*Lotononis brevicaulis* B.-E.van Wyk -- S. African J. Bot. 53(2): 161 (1987). (IK)  
*Lotononis caeruleascens* (E.Mey.) B.-E.van Wyk -- S. African J. Bot. 54(2): 178 (1988): (IK)  
*Lotononis carnea* B.-E.van Wyk -- S. African J. Bot. 55(6): 653 (1989). (IK)  
*Lotononis carnosa* Benth. subsp. *condensata* (Harv.) B.-E.van Wyk -- Contr. Bolus Herb. 14: 266 (1991): (IK)  
*Lotononis carnosa* Benth. subsp. *latifolia* B.-E.van Wyk -- Contr. Bolus Herb. 14: 266 (1991). (IK)  
*Lotononis complanata* B.-E.van Wyk -- Bothalia 20(1): 77 (1990). (IK)  
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*Lotononis decumbens* B.-E.van Wyk subsp. *rehmannii* (Dümmer) B.-E.van Wyk -- Contr. Bolus Herb. 14: 139 (1991): (IK)  
*Lotononis densa* Harv. subsp. *congesta* B.-E.van Wyk -- Contr. Bolus Herb. 14: 245 (1991). (IK)  
*Lotononis densa* Harv. subsp. *gracilis* (E.Mey.) B.-E.van Wyk -- Contr. Bolus Herb. 14: 245 (1991): (IK)  
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*Lotononis holosericea* (E.Mey.) B.-E.van Wyk -- *Contr. Bolus Herb.* 14: 280 (1991): (IK)  
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*Lotononis involuocrata* Benth. subsp. *digitata* B.-E.van Wyk -- *Contr. Bolus Herb.* 14: 224 (1991). (IK)  
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*Xiphotheca guthriei* (L.Bolus) A.L.Schutte & B.-E.van Wyk -- Taxon 42(1): 46 (1993): (IK)  
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