

African

Journal of Range and Forage Science

**Publishing
Relevant, High Quality
Research**



GRASSLAND SOCIETY OF SOUTHERN AFRICA
www.grassland.org.za



Website
www.grassland.org

Grassroots
Newsletter of the Grassland Society of Southern Africa
March Issue, Vol 16 No. 1
ISSN: 10166122

Publication Editor: Pieter Swanepoel

pieterswanepoel@sun.ac.za

Tel: +27 21 808 4668

Assistant Publication Editors:

Janet Taylor

Abubeker Hassen

Administrator: Freyni du Toit

Admin Assistant: Barbara Styan

Admin Assistant: Erica Joubert

Layout & Design: LT Printers - Pietermaritzburg

President: Leslie Brown

Immediate Past President: Tony Palmer

Vice-President: Julius Tjelele

Honorary Secretary: Michelle Tedder

Honorary Treasurer: Justin du Toit

Scientific Editor: James Bennett

Publications Editor: Pieter Swanepoel

Website Editor: Paul Gordijn

Public Relations Officer: Melvin Swarts

Co-opted Member (Fundraising): Erika van Zyl

Additional Member (Grassroots): Janet Taylor

Additional Member (Grassroots): Abubeker
Hassen

Additional Member (Website): Florence
Nherera-Chokuda

Chairperson - Trust: Rina Grant-Biggs

Chairperson - PAC: Leslie Brown

Chairperson - COC 51st: Pieter Swanepoel

Chairperson - COC 52nd: Mike Peel

Printed by: LT Printers - Pietermaritzburg

Published & Distributed By the Grassland
Society of Southern Africa

Contents

News

- 5 Umgano State Forest Celebrates the 111th anniversary of its proclamation
- 7 SAEON launches new study on climate change impacts in southern Africa
- 9 Science underpins new development goals
- 11 Soil erosion may threaten global food security
- 13 VEGMAP 2012 beta app. version released on bgis.sanbi.org/
- 14 Soil project seeks to soak up extra carbon
- 16 Ingula Wetlands Walk 2016

Features

- 17 Applying key concepts to achieve optimal rangeland management
- 25 Native shrubs: a simple fix for drought-stricken crops in Sub-Saharan Africa
- 28 Why smart agriculture development is needed in Africa's Savannas

Book Review

- 31 Insects of cultivated plants and natural pastures in southern Africa

Members

- 35 Movers & Shakers

Other

- 4 Editor's Note
- 36 Grassland Society Annual Congress, Research Skills Workshop and Invasive Species Workshop

