



GRASSLAND SOCIETY OF SOUTHERN AFRICA

ESKOM EXPO FOR YOUNG SCIENTISTS

2007

The Society was represented by twenty-seven judges at nineteen Regional Expos and the National Finals. At the regional level, thirteen projects presented by nineteen scholars received the award. A further three projects presented by 5 scholars were finalists for the award in their region. All of these scholars received a framed certificate from the Society. The winners at national level received a framed certificate and medal.

The GSSA Award for the Best Ecological Project

Judged according to the following criteria:

- The project must deal with an ecological issue (rangelands/pastures, rehabilitation, alien and invasive species, game surveys, animal production, etc.)
- The students must exhibit a clear understanding of the problem
- The project must have a sound scientific approach
- Presentation must be good

At a regional level, the prize consists of a GSSA certificate for each member of the winning team. At national level, the prize consists of a GSSA certificate and medal for each member of the winning team. If possible, the prize may also include "tickets" to the next GSSA Congress. It is advisable that if this part of the prize is to be awarded, the GSSA specifies (under the special requirements section requested by the organisers) that only Matric and Grade 11 students may be awarded the Grassland Society Award.

Regional Expos

Grahamstown: 20 July 2007

Does food make babies? Julie Dixon, Victoria Girls High School, Grahamstown
Judged by James Gambiza, Rhodes University, Grahamstown

Johannesburg: 28 July 2007

A river runs through, Mr D Finaughty and Mr M Gouws, Grade 11, Maragon Private School, Stubensvallei
Judged by Khanyisile Mbatha and Mahlodi Tau, Gauteng Department of Agriculture, Conservation and Environment, Johannesburg

Durban: 3 August 2007

No award given

Judged by Nokuzola Mgxashe, Mangosuthu Technikon, Durban and Nicky Findlay and Lu Jacobs, KwaZulu-Natal Department of Agriculture and Environmental Affairs, Pietermaritzburg

East London: 3 August 2007

"A Thorny Issue" What is the most effective method to control thorn trees (Acacia karroo), Jethru Hundling, Grade 8, Merrifield College, East London

Runners-up: The Greenhouse Effect - Portable plastic bottle greenhouses, Megan Preston, Grade 8, Merrifield College, East London and Reclamation of soil erosion, Katherine James, Grade 9, Stirling High School, East London

Judged by Pieter Conradie and Mfundo Macanda, Eastern Cape Department of Agriculture, Stutterheim

Bojanala: 11 August 2007

No award given

Judged by Bruce Brockett, North West Parks and Tourism Board, Rustenburg

Port Elizabeth: 16 August 2007

No award given

Judged by Adrian Shrader, Nelson Mandela Metropolitan University, Port Elizabeth

Bloemfontein: 17 August 2007

Hervestiging van kaalkolle in die veld, Tarina Nel and Anri Lessing, Middelburg Hoërskool, Middelburg EC

Judged by Hennie Snyman, University of the Free State, Bloemfontein

Northern KwaZulu-Natal: 17 August 2007

Soil erosion, Amy Smythe, Grade 8, Ladysmith High School, Ladysmith

Judged by Graham Peddie and Erika van Zyl, KwaZulu-Natal Department of Agricultural and Environmental Affairs, Dundee

Ehlanzeni/Nelspruit: 18 August 2007

The life history, entomophagy and conservation of the Emperor Moths, *Gynanisa maia* and *Imbrasia belina*, in the Kruger National Park and neighbouring environs, Richard Buchanan and Joshua Snyman, Grade 10, Uplands College, White River

Judged by Moagi Keretse and Mmoto Masubelele, South African National Parks, Skukuza

Southern KwaZulu-Natal: 21 August 2007

Effect of fertilisers on grass growth, Steven Clowes, Grade 6, Underberg Primary School, Underberg

Judged by Alan Short, KwaZulu-Natal Department of Agriculture and Environmental Affairs, Pietermaritzburg and William Diko, KwaZulu-Natal Department of Agriculture and Environmental Affairs, Kokstad

Kimberley: 22 August 2007

No award given

Judged by Hugo Bezuidenhout, South African National Parks, Kimberley

Mmabatho: 24 August 2007

Onkruid of Wonderkruid? Chrisna Mostert, Grade 11, Hoërskool Lichtenburg, Lichtenburg

Runners-up: Don't go artificial, Go organic! Kelebogile Mogomelo and Refilwe Setlhare, Grade 10, Tiger Kloof Educational Institution, Vryburg

Judged by Anuschka Barac, North West Department of Agriculture, Conservation and Environment, Mafikeng

Potchefstroom: 24 August 2007

No award given

Judged by Franci Jordaan, North West Department of Agriculture, Conservation and Environment, Potchefstroom

Stellenbosch: 24 August 2007

Is economic farming possible in the Cederberg and is a holistic approach attainable? Inge van Wyk, Grade 11, Augsburg Agricultural Gymnasium, Clanwilliam

Judged by Annelene Swanepoel, Western Cape Department of Agriculture, Elsenburg

Mopani/Tzaneen: 25 August 2007

Will we have Mopani worms in the future? Jack Mthembu, Meridian College, Phalaborwa

Judged by Tony Swemmer, SAEON, Phalaborwa

Nkangala: 25 August 2007

Climate change, Ayanda Mohlamonyane, Marhagi Secondary School, Empumalanga

Judged by Luthando Dziba and Gilbert Pule, Agricultural Research Council – Livestock Business Division, Pretoria

Nylstroom: 31 August 2007

Bosverdigting versus bosbeheer, Cornelia de Lange, Grade 10, Hoërskool Warmbad, Bela Bela
Judged by Jorrie Jordaan and Reint van de Pol, Limpopo Department of Agriculture, Bela Bela

Northern Gauteng: 1 September 2007

Water fiasco, Chantell Enslin and John Enslin, Grades 10 & 12, Pretoria Boys High School
Judged by Luthando Dziba and Julius Tjelele, Agricultural Research Council – Livestock Business Division, Pretoria

East Rand: 8 September 2007

The fishy side of life, Carmen Gassman and Meghan Hamman, Veritas College Senior School, Springs
Judged by Gilbert Pule and Julius Tjelele, Agricultural Research Council – Livestock Business Division, Pretoria

National Finals: 29 September 2007

Wat gemaak met wattles? Henrico Gouws and Michelle Olivier, Grades 10 -12, Mclachlan Hoërskool, Joubertina

Judged by Gilbert Pule and Julius Tjelele, Agricultural Research Council – Livestock Business Division, Pretoria

Presented by Pieter le Roux, Meadow Feeds, Humansdorp on 23 November 2007