



# FYNBOS FORUM

## Programme

05-08 August 2003  
Hartenbos Resort  
Hartenbos, Mossel Bay

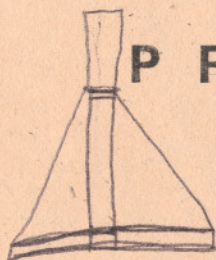
Organised by the Fynbos Forum Committee.  
Funded by the Conservation and Management of Ecosystems and  
Biodiversity Focus Area of the National Research Foundation



**MONITORING REQUIREMENTS**

**FOR**

**FYNBOS MANAGEMENT**



**P R O G R A M M E**

16 & 17 March 1993  
Drosdy Museum, Swellendam



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## MONDAY, 15 MARCH

- 18:00-19:00 REGISTRATION (Chalet 20, Caravan Park)  
19:00 "POTJIEKOS" (Chalet & Caravan Park)

## TUESDAY, 16 MARCH

07:30 LATE REGISTRATION

SESSION I: Chairman: GW Davis, National Botanical Institute

- 08:00-08:10 WELCOMING ADDRESS  
KCD Hamman, Cape Nature Conservation
- 08:15-08:45 THE PHILOSOPHICAL BACKGROUND TO MONITORING  
HJ van Hensbergen, University of Stellenbosch
- 08:50-09:20 WHAT IMPORTANT QUESTIONS ARE THERE IN FYNBOS THAT  
NEED ANSWERING  
WJ Bond, University of Cape Town
- 09:25-09:55 AN OVERVIEW OF TECHNIQUES FOR FYNBOS VEGETATION  
MONITORING  
JHJ Vlok, Cape Nature Conservation
- 10:00-10:25 TEA

SESSION II: Chairman: N Fairall, Cape Nature Conservation

- 10:30-11:00 AN OVERVIEW OF VERTEBRATE MONITORING IN FYNBOS  
NG Palmer, Cape Nature Conservation
- 11:05-11:35 AN OVERVIEW OF RIVER AND WETLAND MONITORING IN THE  
FYNBOS  
B Gale, Cape Nature Conservation
- 11:40-12:10 PHOTOGRAPHIC AND LANDSAT MONITORING OF FYNBOS  
MW Thompson, FORESTEK, CSIR
- 12:15-12:45 THE INCORPORATION OF MONITORING PROGRAMMES INTO  
GEOGRAPHICAL INFORMATION SYSTEMS  
G Forsyth, FORESTEK, CSIR
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- 12:45-13:45 LUNCH
- SESSION III:** Chairman: PC Beukes, Cape Technikon
- 14:00-14:30 SHORTCOMINGS IN EXISTING MONITORING PROGRAMMES  
SJ Bekker, Cape Nature Conservation
- 14:35-15:05 AN OVERVIEW OF HISTORICAL ENVIRONMENTAL MONITORING  
MT Hoffman, National Botanical Institute
- 15:10-15:40 CLIMATE CHANGE AND THE MONITORING IN THE FYNBOS REGION  
MR Jury, University of Cape Town
- 15:45-16:10 TEA
- SESSION IV:** Chairman: MB Bayer, Department of Agricultural Development
- 16:15-16:45 MONITORING OF THE PHYSICAL ENVIRONMENT  
H Boelhouwers, University of Western Cape
- 16:50-17:30 GROUP DISCUSSION
- 17:30-18:30 SOCIAL HOUR
- 19:00 DINNER

### WEDNESDAY, 17 MARCH

- SESSION V:** Chairman: AG Rebelo, National Botanical Institute
- 08:00 ✓ REVIEW OF MONITORING INTERIOR MIDLANDS 1972-1992 ✓  
- MB Bayer *Bruce*
- 08:10 ✓ THE PROTEA ATLAS PROJECT: FACT REPLACES SPECULATION ✓  
- CJ Berens
- 08:20 (circled) ✓ MONITORING SMALL ANTELOPE POPULATIONS IN COASTAL FYNBOS - ✓  
PC Beukes, C Joubert and C Marais *Beukes*
- 08:30 RELATING A MONITORING FRAMEWORK TO ECOPHYSIOLOGICAL ✓  
CONSTRAINTS IN PLANTS - GW Davis *Beukes*



- 08:40 THE USE OF REMOTE SENSING AND GIS TO MONITOR COASTAL FYNBOS - N Fairall *Niels* ✓
- 08:50 WILDFLOWER PICKING: A NEED FOR THE ASSESSMENT OF FACTORS CONTRIBUTING TO POPULATION SUSTAINABILITY ✓  
- P Mustart, C Marais and R Cowling
- 09:00 MONITORING THE SUCCESS OF CEDAR SEEDLING PLANTING IN THE CEDARBERG AS A MEANS TO CONSERVE THE SPECIES ✓  
- P Mustart, C Makua, S Parker and N Wessels
- 09:10 NUCLEAR SITING PROGRAMME: ENVIRONMENTAL MONITORING - PA Nelson (Presented by MR Weerts)
- 09:20 MONITORING AND HORTICULTURE - FJ Powrie *Fiona* ✓
- 09:30 THE SOUTH AFRICAN NATURAL HERITAGE PROGRAMME : A NEW PARTNERSHIP - DJ Barlow-Weilbach and MJ Wahl ✓  
*Deane* *(MARITZ)*
- 09:40 MONITORING WILDLIFE INTERACTIONS WITH POWERLINES ✓  
- B Lawson
- 09:50 TEA *Becky*  
*(189) sites. - 27 in CFE 12 2004*

**SESSION VI:** Chairman: C Marais, Cape Nature Conservation

- 10:30 DISCUSSION IN WORKING GROUPS
- 13:00 LUNCH
- 14:00 REPORT BACK BY WORKING GROUPS
- 15:00 TEA
- 15:20 AN OVERVIEW OF THE NATIONAL MONITORING PROGRAMME AND A SYNTHESIS OF THE WORKSHOP PROCEEDINGS  
NM Tainton, University of Natal
- 16:00 FYNBOS FORUM GENERAL MEETING
- 16:30 CLOSING : C Marais

# MINUTES OF THE

## ANNUAL GENERAL MEETING OF THE FYNBOS FORUM

HELD ON WEDNESDAY, 17 MARCH 1993 AT SWELLENDAM

CHAIRMAN: Mr Christo Marais

PRESENT: Delegates attending the Monitoring Requirements for Fynbos Management Workshop (Appendix 1).

### 1. APPOINTMENT OF NEW COMMITTEE

1.1 Mr Marais brought the forum shareholders to the attention of the meeting:

Cape Nature Conservation

Cape Technicon

Department of Agriculture (Resource protection)

Elsenburg Agricultural Development Institute - Fynbos Research Section

EMATEK, CSIR

Flower farmers

FORESTEK, CSIR

National Parks Board

University of Cape Town

University of the Western Cape

University of Stellenbosch

1.2 The following names were put forward and it was agreed that these seven persons should form the Fynbos Forum Committee:

Mr Christo Marais (Chairman), Cape Nature Conservation

Mr Dave McDonald, National Botanical Institute

Dr Penny Mustart, University of Cape Town

Mrs Marijke Middelman, SAPPEX

Mr Jan Boelhouwers, University of the Western Cape

Mr Gerhard Malan, Elsenburg Agricultural Development Institute

Mr Greville Ruddock, Cape Nature Conservation



2. Dr Fairall suggested that the Fynbos Forum Committee should be serve for a period of two years before a new committee was nominated.

3. **CHANGING THE NAME OF THE FYNBOS FORUM**

Mr Marais mentioned that several objections to the name of the Fynbos Forum had been received from the fynbos community. After discussions the meeting agreed that 'Fynbos Forum' would still be the most suitable name.

4. **PROJECTS NOMINATED**

Mr Marais reported on the following projects which had been proposed at the 1992 Annual General Meeting:

- Planners and managers present their views on changes in strategies over the last few years and the future. What are the problems they deal with and need answering?  
This project was proposed by Professor Bruce Mackenzie.  
- This project was highly ranked but had not yet been attended to.
- How to develop an interest in conservation of fynbos for the general public in the new South Africa.  
- Had not been attended to.
- Plant/Animal interactions.  
- Had not been attended to.
- Conservation of fynbos versus water production.  
- First priority for 1993.
- The Agulhas Plain - How to utilise the area to its greatest potential. - Attended to in 1992 - sponsored by the local farming association.
- Stocking fynbos - carrying capacity.  
- Because of the lack of information on this project, it was withdrawn.
- Monitoring requirements for fynbos management workshop.  
- Had been dealt with at this meeting.

- Boundaries of fynbos.  
- Determined by Professor William Bond.
- Biotic Diversity in Ecosystems  
- Conference had been held in September 1992.
- Follow-up of the wild-flower harvesting workshop held in March 1992.  
- Had not been attended to.
- Inland Water Ecosystems of the Fynbos Biome.  
- Had not been attended to.

4.1 The following new suggestions for 1993 were put forward:

- Renosterveld interaction in Fynbos Proposed by Professor Bond
- The correlation of the monitoring requirements of the fynbos management workshop and its findings.
- 'Seedling survey in the Riviersonderend Mountains' (parent to seedling ratios surveys).

5. The meeting agreed that the following proposals should be attended to in 1993:

- Conservation of fynbos versus water production.  
The following persons were nominated to serve on the Organising Committee:  
  
Professor Richard Cowling, University of Cape Town  
Dr Penny Mustart, University of Cape Town  
Mr Chris Burgers, Cape Nature Conservation  
Mr Dirk Versfeld, FORESTEK, CSIR  
Mr Christo Marais, Cape Nature Conservation
- Publishing of workshop proceedings of 'Monitoring requirements for Fynbos Management' - Mr Christo Marais and Dr Dave Richardson.
- Analysing existing datasets - Catalogue of the available baseline information - Products/Recommendations of the 'Monitoring Requirements for Fynbos Management Workshop' - Person(s) to be appointed by Fynbos Forum Committee.



## 6. **FUTURE OF THE FYNBOS FORUM**

The meeting agreed that the Fynbos Forum had played a very important role in promoting technology transfer and developing a network of expertise which integrated knowledge, information and the goals and problems of resource managers with those of researchers and educators. Several members expressed their appreciation for the Fynbos Forum. They also agreed that the timing of future activities within the forum should be focused on the university vacation periods when more students would be able to participate.

## 7. **GENERAL**

The Chairman thanked the FRD, on behalf of the fynbos community, for their contribution towards a successful forum.

**CHRISTO MARAIS**  
**CHAIRMAN: FYNBOS FORUM**