

MANAGING BIODIVERSITY IN AGRICULTURAL ECOSYSTEMS

An International Symposium sponsored by the United Nations University, the International Plant Genetic Resources Institute, and the Secretariat of the Convention on Biological Diversity
Montreal, Quebec, Canada, 8 - 10 November, 2001

Thursday, 8 November, 2001.

0900-0945

Opening Session (Chair: Edwin Gyasi)

Deborah Buszard

Welcoming Statement by the Dean, Faculty of Agriculture and Environment, University of McGill

Coosje Hoogendoorn

Welcoming Statement by the Deputy Director General, International Plant Genetic Resources Institute

Hamdallah Zedan

Welcoming Statement by the Executive Secretary, Convention on Biological Diversity

Motoyuki Suzuki

Opening Statement by the Vice Rector, United Nations University

Coffee break

Theme: Managing Diversity: Crop and Livestock Genetic Resources

1015-1200

1-1: Managing Crop Genetic Resources (Chair: Song Yiching)

Tony Brown

Managing plant genetic diversity in agro-ecosystems sustainably

Mohamed Sadiki

Diversity of farmer-named Faba in Morocco

Raul Cristobal Suarez

Human & environmental factors affecting agrobiodiversity in Cuban home gardens

Truong Van Tuyen

Farmer's management of crop diversity in coastal agroecosystems, central Vietnam

Discussion (leader: Didier Balma)

Lunch break

Poster session A

1345-1530

1-2: Managing Crop Genetic Resources (contd.) (Chair: Isabelle Massinde)

Fetien Abay

Local innovation and initiative in managing biodiversity in northern Ethiopia

Joyce Mulila-Mitti

The role of seed gardens in enhancing seed security, conserving and using agrobiodiversity

Oliver Coomes

Crop diversity in indigenous farming systems in Amazonia; the role and dynamics of planting stock among traditional farmers

Anil Subedi

Who maintains crop diversity, and how?

Discussion, Session 1-2 and Poster Session A (leader: Devra Jarvis)

Coffee break

1600-1745

1-3: Managing Livestock genetic resources (Chair: Beate Weiskopf)

Istvan Szalay

Managing small livestock diversity in Eastern Europe

Jenny Bester

The Nguni: a case study

Joyce Njoki Njoro

Community livestock improvement initiatives: the case of Kathekani, Kenya

T N P Gondwe

Community-based promotions of rural poultry diversity in Malawi

Discussion (leader: Ela Martyniuk)

Break

1830-2000

Reception at McGill University (Hosts: Don Smith and Colin Duncan)

Friday, 9 November, 2001.

Theme: Managing Diversity: Associated biodiversity and agro-ecosystem services

0830-1030

2-1: Managing Soil biodiversity (Chair: Michelle Gauthier)

Mike Swift

Managing below-ground biodiversity

Felix Dakora

Managing diversity in cropping systems: symbiotic and non-symbiotic microbes and associated host plants

Michael Stocking

Soil agrodiversity - an aspect of farmers' management of biological diversity

Fidelis Kaihura

Ethnopedologic soil management technologies and their impact on biodiversity in small farms of Arumeru, Arusha, Tanzania

George Brown

Diversity and the functional role of soil macrofauna in Brazilian no-tillage systems

Discussion (leader: Sally Bunning)

Coffee break

1100-1240

2-2: Managing Pollinator diversity (Chair: Peter Kevan)

Wanja Kinuthia

Pollinators - an ecosystem service for agriculture

TBD*

Managing pollinator diversity, a case study from Brazil

Connal Eardley

Managing pollinator diversity, a case study from South Africa

Nasreen Muzaffar

The sustainable management of insect pollinators in Pakistan

Discussion (leader: Barbara Gemmill)

Lunch break

Poster session B

1425-1550

2-3: Managing diversity for pest and disease control (Chair: Daniel Buckles)

Bill Settle

Functional Diversity for integrated crop management

Wang Yunyue

Cultivating biodiversity for disease control; a study from China

Yunita Winarto

Managing paddy and soybean varieties in Java and Lampung: two cases of farmers' creativity

Discussion, Session 2-3 & Poster Session B (leader: Toby Hodgkin)

Coffee break

1620-1805

2-4: Managing the impacts of agriculture on wild biodiversity (Chair: Timo Maukonen*)

Colin Duncan

Agriculture and Biodiversity; an historical perspective

Raymond O'Connor

Agricultural regimes and the conservation of farmland biodiversity

Sara Scherr

Ecoagriculture to raise farmer income and save wild biodiversity

Discussion (leader: Don Smith)

Saturday 10 November, 2001.

Theme: Managing Diversity: Landscape, scale and change

0900-1030

3-1: Managing Diversity in the agricultural landscape (Chair: Harold Brookfield)

Miguel Pinedo-Vasquez

Valuing and promoting smallholder diversity practices: the approach of PLEC

Mahmadou Sawadogo

Ecosystem components as indicators to farmers to conserve, maintain and manage local crop diversity in Burkina Faso

Kanok Rerkasem

Farmers' management of fallow succession in Thailand

Discussion (leader: Christine Padoch)

Coffee break

1100-1235

Edwin Gyasi
Guo Huijun
Farida Akhter

3-2: Managing Diversity in the agricultural landscape (contd.) (Chair: Harold Brookfield)

Managing diversity in the agricultural landscape; Ghana
Agroecosystem change and threats to agrobiodiversity in Xishuanbanna
Agricultural biodiversity and the livelihood strategies of the very poor
Discussion (leader: Christine Padoch)

Lunch break

Poster session C

1420 - 1545

Tim Johns
David Wood
Didid Pelegrina

3-3: Managing Diversity under Global Change (Chair: Liang Luohui)

Dietary diversity, global change, and human health
Diversity, simplicity and the optimization of agrobiodiversity
Managing diversity under changing market and production conditions in S & SE Asia

Coffee break

1615-1715

David Cooper, Toby
Hodgkin & Harold
Jan Plesnik

Discussion and Summing up

Discussion (leader: Devra Jarvis)

Managing biodiversity in agricultural ecosystems; what have we learned?

Closing remarks

Sunday 11 November, 2001.

IPGRI, IPI and PLEC project meetings