The International Planning Conference on

ESTABLISHING THE SUB-REGIONAL CENTRES FOR MASTER OF SCIENCE DEGREE PROGRAMME IN INSECT SCIENCE IN AFRICA

5th to 7th August 1991

Jomo Kenyatta University College of Agriculture and Technology (JKUCAT)
Juja, Kenya

Sponsors
The International Centre of Insect Physiology and Ecology (ICIPE), Nairobi, Kenya
The International Development Research Centre (IDRC), Nairobi, Kenya
Jomo Kenyatta University College of Agriculture and Technology (JKUCAT) Juja, Kenya
United Nations Educational Scientific and Cultural Organization (UNESCO) Nairobi, Kenya
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The African Regional Postgraduate Programme in Insect Science (ARPPIS) was established as a contribution to resolving the dilemma of how to produce competent African insect scientists with relevant training. ARPPIS presently involves the ICIPE as a participant and as the executing agency, and 18 African Participating Universities. The programme harnesses the strengths, expertise and facilities of both the ICIPE and the Universities into one network of cooperation, dedicated to postgraduate training in Africa.

When ARPPIS was established in 1983 it was decided to concentrate on Ph.D. training to address the need for well trained research scientists capable of generating new knowledge and of leading research teams in National Research and Development Systems (NRDS) or teaching in Universities. By 1990 86 Ph.D.'s have been admitted to this programme. Now, ARPPIS is being urged to create a Masters Degree Programme by the Participating Universities, member countries of the Pest Management Research and Development Network (PESTNET) and by donor organizations. These organizations have recognized the shortage of trained middle-level scientists in applied entomology.

The ARPPIS Academic Board proposes that currently four sub-regional centres be set up to
offer a two-year M.Sc. degree Programme in Insect Science as follows:

(i) **Southern Africa**: Angola, Botswana, Lesotho, Malawi, Mozambique, Namibia, Swaziland, Zambia and Zimbabwe, based at the University of Zimbabwe, Harare;

(ii) **West Africa**: Ghana, Liberia, Nigeria, Sierra Leone, based at the University of Ghana, Legon;

(iii) **French-speaking Africa**: Benin, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Gabon, Guinea, Madagascar, Mali, Mauritania, Rwanda, Senegal, Togo and Zaire, based at the Dschang University Centre, Cameroon; and

(iv) **Eastern and North-Eastern Africa**: Ethiopia, Kenya, Somalia, Sudan, Tanzania and Uganda (the hosting University has yet to be identified).

The setting up of Sub-Regional Centres is an important attempt to strengthen higher education in African Universities, and to produce course structures and project supervision that meet the needs of NRDS and Universities at the M.Sc. level. The planning process is being undertaken with great care with all the potential collaborators being fully consulted.
It is for this purpose that ICIPE, on behalf of the ARPPIS Academic Board, has organized the International Planning Conference on Establishing the Sub-Regional Centres for Masters Degree Programme in Insect Science in Africa hosted by the Jomo Kenyatta University College of Agriculture and Technology (JKUCAT) between 5th-7th August 1991. Wide-based participation by Vice-Chancellors of ARPPIS Participating Universities; ARPPIS Academic Board Members; other Universities interested in participating in the M.Sc. programme; and representatives from the donor community as well as African regional organizations (such as the African Development Bank (ADB), the Organization of African Unity (OAU), SACCAR, and ECA), have been invited to participate in the Conference.

The aim is to facilitate exhaustive deliberations of relevant questions relating to the proposed network of sub-regional M.Sc. centres. It is hoped that this planning meeting will lead to an endorsement of the proposal and the support by the Hosting and Participating Universities as well as the donor community.

The further development of ARPPIS to encompass four Sub-Regional Centres for the M.Sc. Degree in Insect Science, and the restructuring of the existing Ph.D. programme in Insect Science at the ICIPE into an ICIPE Graduate School, will likely have an exhilarating effect on Africa's capacity to create, absorb, and use new knowledge in insect science and pest management. It is acknowledged that
world-class university-based programmes of R&D in insect science, and of first-class postgraduate education in insect science, could well turn out to be the breeding ground for the mastery of insect science and its technological applications. In this scenario, the ICIPE has a vital part to play as a partner in high-level modern training in insect science, but also as an advanced centre for R&D in tropical insect science.

It therefore gives us pleasure, the ARPPIS partnership, to welcome you personally to this conference and look forward to fruitful deliberations in this critically important International Planning Conference for the future of Africa.
PROGRAMME

CONFERENCE CHAIRMAN

PROFESSOR CHIWEEYTE EJIKE
VICE-CHANCELLOR
ANAMBRA STATE UNIVERSITY OF TECHNOLOGY
ENUGU, NIGERIA

Sunday, 4th August 1991

0800 – 1200 Hours  Arrival of Participants
1830 Hours  Official Opening and Reception
Chief Guest:
Hon. Mr. Peter Oloo Aringo, M.P.
Kenya's Minister for Education

Venue – The International Centre of Insect Physiology and Ecology, Duduville

Monday, 5th August 1991

0830 – 0900  Registration
SESSION I

Presiding: Professor G. Eshiwani Principal, Jomo Kenyatta University College of Agriculture and Technology (JKUCAT)

THEME: STRENGTHENING M.Sc. PROGRAMMES THROUGH REGIONAL COOPERATION IN AFRICA

0900 - 0930 Needs for Regional Cooperation in Postgraduate Training in Africa

Professor G. Eshiwani

0930 - 1000 Innovative Approaches for Promoting and Strengthening Postgraduate Studies and Research through Regional Cooperation

Professor J.S. Djangmah Association of African Universities (AAU) Accra, Ghana

1000 - 1020 Optimal Regional Utilization of Resources and Academic Potential for Postgraduate Studies

Prof. P.M. Makhurane Chairman, Network of Deans & Directors of
Graduate Studies in Eastern and Southern African Universities, and Vice Chancellor, National University of Science and Technology, Bulawayo, Zimbabwe

1020 – 1040 Upgrading Professional Skills of University Staff Through Cooperative Regional M.Sc Programmes

Prof. A. Mascarenhas
Director
Postgraduate Studies
University of Dar es Salaam
Dar es Salaam, Tanzania

1040 – 1100 GENERAL DISCUSSION

1100 – 1130 GROUP PHOTOGRAPH
TEA/COFFEE BREAK

1130 – 1300 DONOR’S PERSPECTIVE

1130 – 1140 The Role of the African Development Bank in Human Resources Development in Africa

Mr. C. Kahangi
Regional Representative
African Development Bank
Nairobi, Kenya

1140 – 1150 Evolution of Donors’ Policy in Respect to Graduate Training Support in Africa
Dr. F.C. Fischer  
Director  
REDSO/United States Agency for International Development (USAID)  
Nairobi, Kenya

1150 - 1200  
Recent Developments in the Netherlands Organization for International Cooperation in Higher Education (NUFFIC)

Dr. Oebele Bruinsma  
NUFFIC  
The Hague, Netherlands

1200 - 1210  
IDRC Support for South-South Cooperation in Postgraduate Training

Prof. A. Bekoe  
Regional Director  
International Development Research Centre (IDRC)  
Nairobi, Kenya

1210 - 1300  
GENERAL DISCUSSION

1300 - 1400  
LUNCH BREAK

SESSION II

Presiding: Professor C. Ejike

THEME:  
RATIONALE, ORGANIZATION AND ACTIVITIES OF THE REGIONAL MASTER OF SCIENCE DEGREE PROGRAMMES IN INSECT SCIENCE IN AFRICA
1400 - 1430  ARPPIS Network in Relation to the Sub-Regional Centres

Professor Z.T. Dabrowski
Ag. Head
Institutional Building and Interactive Research Unit (IBIRU) and Training Coordinator, ICIPE, Nairobi

1430 - 1500  Relations Between the Hosting University and Participating Universities in the Sub-Regions — A Model

Professor R.K.G. Assoku
Dean
School of Graduate Studies
University of Ghana
Legon, Ghana

1500 - 1520  The Role and Function of the Inter-University Consultative Groups

Professor H. Morgan
Vice Principal
University of Sierra Leone
Fourah Bay College
Sierra Leone
Freetown, Sierra Leone

1520 - 1545  TEA/COFFEE BREAK

1545 - 1615  Curricula for the M.Sc. Sub-Regional Programmes in Insect Science
Dr. D.C. Munthali
University of Malawi,
Zomba, Malawi

1615 – 1800  GENERAL DISCUSSION

Tuesday, 6th August 1991

SESSION III

Presiding: Professor C. Ejike

THEME:  VICE-CHANCELLORS' VIEWS ON STRATEGY OF ESTABLISHING SUB-REGIONAL CENTRES

0900 – 0915  Rationale for Selecting Southern Africa Sub-Regional Centre

Professor A. Siwela
Ag. Vice-Chancellor
University of Zambia
Lusaka, Zambia, and Chairman of the Mission

0915 – 0935  Strategy of Establishing the Southern Africa Sub-Regional Centre

Professor J.C. Chetsanga
Ag. Vice-Chancellor
University of Zimbabwe
Harare, Zimbabwe

0935 – 0950  Rationale for Selecting West African Sub-Regional Centre (English-Speaking Countries)
Professor R.I. Egwuatu
Anambra State University of Technology
Enugu, Nigeria and
Chairman of the Mission

0950 – 1010
Strategy of Establishing the Centre for West Africa Sub-Region

Professor Akilagper Sawyerr
Vice-Chancellor
University of Ghana
Legon, Ghana

1010 – 1025
Rationale for Selecting Sub-Regional Centre for French-Speaking Africa

Professor R.I. Egwuatu

1025 – 1045
Strategy for Establishing the Sub-Regional Centre for French-Speaking Africa

Professor J. Mfoulou
Director General
Dschang University Centre
Dschang, Cameroun

1045 – 1100
Rationale for Selecting Eastern and North-Eastern African Sub-Regional Centre

Professor A. Siwela

1100 – 1130
TEA/COFFEE BREAK

1130 – 1300
GENERAL DISCUSSION
SESSION IV

Presiding: Prof. C. Ejike

THEME: ROUND-TABLE DISCUSSION ON LOGISTICS AND IMPLEMENTATION OF M.Sc. PROGRAMMES IN SUB-REGIONAL CENTRES

1400 – 1530 Academic Matters
- Programmes curricula
- Academic staff
- Research projects
- Quality control

1530 – 1600 COFFEE/TEA BREAK

1600 – 1730 Administrative Matters
- Procedure for student selection
- Registration procedure
- Graduation
- Financial sources
- Relations between the host University and participating Universities

1730 – 1800 Drafting and Discussion of Communiqué
Wednesday, 7th August 1991

CONCLUDING SESSION

Presiding: Professor C. Ejike

THEME:
MANAGEMENT PLANS FOR
THE OPERATIONS OF SUB-
REGIONAL CENTRES

0900 – 1030 Discussion and Endorsement of
Communique

1030 – 1100 TEA/COFFEE BREAK

1100 – 1200
- Southern African
  Consultative Group
- Western African
  Consultative Group
- French-Speaking Region
  Consultative Group

1200 – 1230 Signing Agreement on
Management Issues to Establish
a Sub-regional Centre (for each
centre separately)
(Annexes to the Protocol)

1230 – 1300 Closing Remarks:
Professor Thomas R. Odhiambo

1300 – 1400 CLOSING LUNCHEON
Jomo Kenyatta University
College of Agriculture and
Technology (JKUCAT)

DEPARTURES
PARTICIPANTS

1. Prof. A.I. Ahianzu
   Vice-Chancellor
   Rivers State University
   of Science and
   Technology
   P.M.B. 5080
   PORT HARCOURT Nigeria
   Tel: (084) 300360, 335808,
   333288, 300361-9
   Telex: 61205 NITELTDS NG

2. Prof. R.K.G. Assoku
   Dean
   School of Graduate Studies
   University of Ghana
   P.O. Box 82
   Legon, ACCRA
   Ghana
   Telex: 2556 UGL GH
   Tel: 775180, Accra

3. Prof. Ayo Banjo
   Vice-Chancellor
   University of Ibadan
   P.O. Box 8761
   Ibadan
   Nigeria
   Tel: 400550-400614
   Cables and Telegrams:
   UNIVERSITY IBADAN

4. Prof. A. Bekoe
   Regional Director
   International Development
   Research Centre
   P.O. Box 62084
   NAIROBI
   Tel: 330850

5. Dr. Oebele Bruinsma
   Netherlands Organization for
   International Cooperation
   in Higher Education
   Africa Desk
   Badhuisweg 251
   P.O. Box 90735
   2509 LS
   THE HAGUE
   Netherlands
   Fax: (31) 70-351-0513
   Tel: (31) 70-351-0680

6. Dr. Paul B. Capstick
   Deputy Director
   International Centre of
   Insect Physiology and
   Ecology (ICIPE)
   P.O. Box 30772
   NAIROBI
   Tel: 802501/3/9
   Fax: (02) 803360
   Telex: 22053 ICIPE or 25066
   DUDU
<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Institution and Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Prof. Brown B. Chimphamba</td>
<td>Acting Vice-Chancellor, University of Malawi, Zomba, Malawi</td>
<td>Tel: 522 622 522 or 222, Telex: 45214 UNIMA MI, Fax: (265) 522-760, CABLE: UNIVERSITY ZOMBA</td>
</tr>
<tr>
<td>8</td>
<td>Prof. Z.T. Dabrowski</td>
<td>Training Coordinator, International Centre of Insect Physiology and Ecology, Nairobi, Kenya</td>
<td>Tel: 802501/3/9, Telex: 22053 ICIPE or 25066 DUDU, Fax: (02) 803360, CABLE: ICIPE NAIROBI</td>
</tr>
<tr>
<td>9</td>
<td>Prof. J.S. Djangmah</td>
<td>Association of African Universities (AAU), University of Ghana, Accra, Ghana</td>
<td>Tel: 775180 or 65461</td>
</tr>
<tr>
<td>10</td>
<td>Dr. B.N. Dube</td>
<td>Zoology Department, University of Zimbabwe, Harare, Zimbabwe</td>
<td>Tel: 522 622 522 or 222, Telex: 45214 UNIMA MI, Fax: (265) 522-760, CABLE: UNIVERSITY ZOMBA</td>
</tr>
<tr>
<td>11</td>
<td>Prof. R.I. Egwuatu</td>
<td>Anambra State University of Technology, Enugu, Nigeria</td>
<td>Tel: (042) 331244, 331253, Telex: 51440 ASUTEC NG or 51300 SEZ EN NG, Fax: 01-634-609</td>
</tr>
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<td>12</td>
<td>Professor Chiweyete Ejike</td>
<td>Vice-Chancellor, Anambra State University of Technology, Enugu, Nigeria</td>
<td>Tel: (042) 331244, 331253, Telex: 51440 ASUTEC NG or 51445 or 51300 SEZ EN NG, Fax: 01-634-609</td>
</tr>
</tbody>
</table>
13. Prof. Alphonse Ekouya  
   Rector  
   Universite Marien Ngouabi  
   B.P. 69  
   BRAZZAVILLE  
   Congo  
   Telex: 5210

14. Prof. George Eshiwani  
   Principal  
   Jomo Kenyatta University  
   College of Agriculture and Technology (JKUCAT)  
   P.O. Box 62000  
   NAIROBI  
   Tel: (0151) 22646/9  
   Fax: (0151) 21764

15. Prof. F. Kaberia  
   Chairman  
   Department of Physical Sciences  
   Jomo Kenyatta University  
   College of Agriculture and Technology  
   P.O. Box 62000  
   NAIROBI  
   Tel: (0151) 22646-9  
   Fax: (0151) 21764

16. Mr. C. Kahangi  
   Regional Representative  
   African Development Bank  
   P.O. Box 52617  
   NAIROBI  
   Tel: 723185 or 723186

17. Prof. W.S. Kajubi  
   Vice-Chancellor  
   Makerere University  
   P.O. Box 7062  
   KAMPALA  
   Uganda  
   Tel: 542471, 556661, 542802, 42471  
   Fax: 255-41-245597  
   Cable: MAKUNIKA

18. Dr. F.K. Lenga  
   Ag. Dean  
   Faculty of Agriculture  
   Jomo Kenyatta University  
   College of Agriculture and Technology (JKUCAT)  
   P.O. Box 62000  
   NAIROBI  
   Tel: (0151) 22646-9  
   Fax: (0151) 21764

19. Prof. Dilgassa Makonnen  
   Ag. President  
   Addis Ababa University  
   P.O. Box 1176  
   ADDIS ABABA  
   Ethiopia  
   Tel: 110844, 553137  
   Telex: 21205 AAUNIV ET

20. Prof. A. Mascarenhas  
   Director  
   Postgraduate Studies  
   University of Dar es Salaam  
   P.O. Box 35091  
   DAR ES SALAAM
21. Mr. J.M. Mberia  
Jomo Kenyatta University  
College of Agriculture and Technology (JKUCAT)  
P.O. Box 62000  
NAIROBI  
Tel: (0151) 22646-9  
Fax: (0151) 21764

22. Prof. Jean Mfoulou  
Director General  
Dschang University Centre  
P.O. Box 308  
DSCHANG  
Cameroun  
Telex: 7013 KN

23. Prof. R.W. Michieka  
Deputy Principal  
Academic Affairs  
Jomo Kenyatta University  
College of Agriculture and Technology (JKUCAT)  
P.O. Box 62000  
NAIROBI  
Tel: (0151) 22646-9  
Fax: (0151) 21764

24. Dr. T.T. Mokoena  
Dean of Science  
University of Botswana  
Private Bag 0022  
GABERONE  
Botswana  
Tel: 351151  
Fax: 356-591  
Telex: 2429 BD

25. Prof. Hector G. Morgan  
Vice Principal  
Fourah Bay College  
University of Sierra Leone  
FREETOWN,  
Sierra Leone  
Tel: 26859 or 27340  
Telex: 3210 BOOTH SL

26. Prof. Theodore Mubamba  
Director  
Academic Affairs  
University of Burundi  
B.P. 1550  
BUJUMBURA  
Burundi  
Telex: 5161 UNIV BDI  
Fax: 257-22-3288

27. Prof. Jones M. Mueke  
Zoology Department  
Kenyatta University  
P.O. Box 43844  
NAIROBI
28. Prof. P.E. Mugambi  
Makerere University  
P.O. Box 7062  
KAMPALA  
Uganda  
Tel: 542471 or 556661 or 542803  
Fax: 255-41-245597  
Cable: MAKUNIKA

29. Dr. D.C. Munthali  
Makoka Research Station  
P.O. Box 3  
THONDWE  
Malawi  
Tellex: 44648  
Tel: 534211

30. Prof. R. Mwangi  
Dean of Faculty of Science  
University of Nairobi  
Chiromo Campus  
P.O. Box 30197  
NAIROBI  
Kenya  
Tel: 334244

31. Prof. J. Ndombi  
Dean  
Faculty of Science  
Jomo Kenyatta University  
College of Agriculture and Technology (JKUCAT)  
P.O. Box 62000  
NAIROBI  
Tel: (0151) 22646-9  
Fax: (0151) 21764

32. Miss V.W. Ngumi  
Head  
Biological Sciences Department  
Jomo Kenyatta University  
College of Agriculture and Technology (JKUCAT)  
P.O. Box 62000  
NAIROBI  
Tel: (0151) 22646-9  
Fax: (0151) 21764

33. Mr. Larry Ngutter  
United Nations Development Programme  
P.O. Box 30218  
NAIROBI  
Tel: 228776-9  
Telex: 22265  
Fax: 331897  
Cable: UNDEVPRO
34. Prof. A.M. Nikundiwe  
University of Dar es Salaam  
P.O. Box 35064  
DAR ES SALAAM  
Tanzania  
Tel: 49192 or 49058  
Telex: 41561 UNIVIP or 41307 UNISCIE

35. Prof. Paul Nchoji Nkwui  
Deputy Director  
Ministry of Scientific Research and Technology (MESRES)  
YAOUNDE  
Cameroun  
Telex: 8384 KN

36. Prof. Maurice Ntahobari  
Rector  
National University of Rwanda  
B.P. 56  
BUTARE  
Rwanda  
Fax: 30870  
Telex: 22605 UNR RW

37. Dr. J. Bayo Odebiyi  
Department of Agricultural Biology  
University of Ibadan  
P.O. Box 8761  
IBADAN  
Nigeria  
Tel: 400550-400614  
Cable: UNIVERSITY IBADAN

38. Prof. Thomas R. Odhiambo  
Director  
International Centre of Insect Physiology and Ecology (ICIPE)  
P.O. Box 30772  
NAIROBI, Kenya  
Tel: 802501, 802503, 802509  
Telex: 22053 ICIPE or 25066 DUDU  
Fax: (02) 803360

39. Prof. Ruth Oniang'o  
Director  
Postgraduate Studies  
Jomo Kenyatta University of Agriculture and Technology  
P.O. Box 62000  
NAIROBI  
Tel: (0151) 22646-9  
Fax: (0151) 21764

40. Prof. C.A. Onyango  
Deputy Vice-Chancellor  
Academic Affairs  
Egerton University  
P.O. Box 536  
NJORO  
Kenya  
Tel: (037) 61620 or 61031 or 61032  
Telex: 33075

41. Prof. Dr. H. Rembold  
Head  
Insect Biochemistry
Max-Planck-Institut fur Biochemie  
8033 Martinsried  
BEIN MUNCHEN  
Germany  
Tel: (089) 8578-1  
Fax: (089) 8578-3777  
Telex: 52 17 40 mpid d

42. Dr. V.W. Saka  
Bunda College of Agriculture  
University of Malawi  
P.O. Box 219  
LILONGWE  
Malawi  
Tel: 27722  
Telex: 43622 BUNDA MI

43. Prof. Kailash N. Saxena  
Programme Leader  
Crop Pests Research Programme  
International Centre of Insect Physiology and Ecology (ICIPE)  
Mbita Point Field Station (MPFS)  
P.O. Box 30  
MBITITA, South Nyanza, Kenya  
Tel: 43281 Kisumu  
Fax: 43779

44. Prof. Akilagper Sawyerr  
Vice-Chancellor  
University of Ghana

45. Prof. A. Siwela  
Ag. Vice-Chancellor  
University of Zambia  
P.O. Box 32379  
LUSAKA  
Zambia  
Tel: 219624 or 254129  
Telex: UNZALU ZA 44370

46. Prof. H.M. Thairu  
Dean  
Faculty of Science  
Kenyatta University  
P.O. Box 43844  
NAIROBI  
Tel: 810901-19  
Telex: 810081

47. Dr. Jonathan Thikhoi  
Pro-Vice-Chancellor  
National University of Lesotho  
P.O. ROMA 180  
LESOTHO  
Tel: 340601

48. Prof. Muddathir El Tingari  
Vice-Chancellor  
University of Khartoum  
KHARTOUM
Sudan
Tel: 611171 or 611563
Telex: 26037 FVS SD or 22738 KUP SD

49. Ms. Susanne Wohlleben
German Academic Exchange Service (DAAD)
Regional Office for Africa
Centro House, Westlands
P.O. Box 14050
NAIROBI
Tel: 742740
Telex: 22953
MEMBERS OF THE ORGANIZING COMMITTEE

Prof. R.W. Michieka—
Deputy Principal
Academic Affairs (JKUCAT)

Prof. Z.T. Dabrowski—
Ag. Head
Institutional Building and
Interactive Research Unit,
IBIRU, (ICIPE)

Ms Rose Washika—
Head, Library, Information
and Documentation Service,
LIDS, (ICIPE)

Prof. J.M. Ndombi—
Dean, Faculty of Science
(JKUCAT)

Dr. F.K. Lenga—
Ag. Dean, Faculty of
Agriculture (JKUCAT)

Miss V.W. Ngumi—
Head, Biological Sciences
Department (JKUCAT)

Prof. F. Kaberia—
Chairman, Physical Sciences
Department (JKUCAT)

Dr. M.F. B. Chaudhury—
Principal Science Editor,
(ICIPE)

Dr. J.P.R Ochieng-Odero—
Head, Insectary and Mass
Rearing Technology Unit,
(ICIPE)

Mrs. S. Wamwayi—
Administrative Assistant
Faculty of Agriculture
(JKUCAT)

Ms M.M. Gathiga—
Catering Manager (JKUCAT)

Mr. J.M. Mberia—
Deputy Registrar (JKUCAT)

Ms J.M. Ndunda—
Public Relations Officer
(JKUCAT)

Prof. S. El Bashir—
Head, Locust Research
Programme, (ICIPE)

Ms R. Runo—
Training Assistant (ICIPE)

Mr. F.J. Utanje—
Travel Officer (ICIPE)

Ms Irene Monyancha—
Secretary, Institutional
Building and Interactive
Research Unit, IBIRU, (ICIPE)