

IPM CRSP Trip Report

Country Visited: South Africa

Dates of Travel: 24 July to 5 August 2011

Traveler's Name and Affiliation: Sintu Alemayhu; Ethiopian Institute of Agricultural Research (EIAR) - Ambo Plant Protection Research Center, P.O. Box 37, Ambo; E-mail: Sintukecho@yahoo.com

Purpose of Trip: To participate in biological control and quarantine training, in Southern Africa from 24 July to 5 August 2011. Specific objectives were to attend short courses in biological control at Rhodes University and receive training in the management of a quarantine facility. The goal was to become proficient in conducting host-range tests of biological agents for parthenium.

Sites Visited:

ARC-Plant Protection Research Institute (PPRI), Cedara

South African Sugar Research Institute (SASRI) weed biocontrol mass-rearing unit, at Mount Edgecombe

Rhodes University, Grahamstown

Description of Activities/Observations:

All trip objectives were achieved.

Itinerary:

24 July: Travel from Addis Ababa to South Africa, Johannesburg

25 July:

- Meet PPRI staff;
- Tour of ARC-PPRI, Cedara facilities (quarantine, equipment, plant culturing insect culturing, host range test);
- Held discussions with researchers;
- Training on *Listronotus setosipennis*;

26 July: Training on *Zygogramma bicolorata* and *Epiblema strenuana*

27 July: Tour of pompom and chromolaena weed projects

Visit to South African sugar research institute (SASRI) weed biocontrol mass-rearing unit, at Mount Edgecombe.

28 July: Training on host-range evaluation for *Smicronyx lutulentus*;

29 July: Practical work on all agents;

31 July: Travel from Durban to Port Elizabeth;

31 July to 5 August: Attended weed biological short course at Rhodes University, Grahamstown;



Fig1. Parthenum grown under lath-house for culturing of different bio-agent



Fig.2. Air sterilizing material in quarantine.



Fig.3. Working cage for multiple choice test of bio-agent



Fig.4. Damage of felly beetle on lantana camara.



Fig.5. Steam galling moth on parthenium under quarantine

Training Activities Conducted:

Program type (workshop, seminar, field day, short course, etc.)	Date	Audience	Number of Participants		Training Provider (US university, host country institution, etc.)	Training Objective
			Men	Women		
Meet (visit)	25 July 2011	ARC- PPRI	5	4	Organized by ARC-PPRI	Visit ARC-PPRI weed biocontrol facility (quarantine, equipment, plant culturing, insect culturing, host range test) and discussions with researchers
Visit	27 July 2011			1	Organized by ARC-PPRI	Visit South African Sugar Research Institute (SASRI) weed biocontrol mass-rearing unit, at Mount Edgecombe
Short course	31 July to 5 August 2011		9	7	Organized by ARC-PPRI	Attended weed biological short course, Rhodes Univ. Grahamstown

List of contact name

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