



Cotton Catchment Communities CRC

## Annual, Progress and Final Reports

# REPORTS

### *Part 1 - Summary Details*

Please use your TAB key to complete Parts 1 & 2.

**Cotton CRC Project Number:** CCCCRC Trv1 5.10.10.09

**Final Report:**  Due 30 September  
(or within 3 months of completion of project)

---

**Project Title:** **The diversity of VAM fungi in soil health**

---

**Project Commencement Date:** 2-2003      **Project Completion Date:** 31-3-2007

**Research Program:** 5 Adoption

### *Part 2 – Contact Details*

---

**Administrator:** Luda Kuchieva, Research Office

**Organisation:** University of Sydney

**Postal Address:** Research Office, A14, University of Sydney, NSW, 2006

**Ph:** 02 9351 7903      **Fax:** 02 93514812      **E-mail:** luda@reschols.usyd.edu.au

---

**Principal Researcher:** Dr Peter McGee

**Organisation:** University of Sydney

**Postal Address:** School of Biological Sciences, A12, University of Sydney  
NSW 2006

**Ph:** 02 9351 2701      **Fax:** 02 9351 4771      **E-mail:** peterm@bio.usyd.edu.au

---

**Supervisor:** Dr. Peter McGee

**Organisation:** University of Sydney

**Postal Address:** School of Biological Sciences, A12, University of Sydney  
NSW 2006

**Ph:** 02 9351 2701      **Fax:** 02 9351 4771      **E-mail:** peterm@bio.usyd.edu.au

---

**Researcher 2** Stella Loke

**Organisation:** University of Sydney

**Postal Address:** School of Biological Sciences, A12, University of Sydney  
NSW 2006

**Ph:** 02 9351 4675      **Fax:** 02 9351 4771      **E-mail:** sloke@bio.usyd.edu.au

---

**Signature of Research Provider Representative:** \_\_\_\_\_

## ***TRAVEL REPORTS***

---

### **1. A brief description of the purpose of the travel.**

To attend the International conference on Mycorrhizas (ICOM5) in Granada, Spain, 21-29 July 2006

### **2. What were the:**

#### **a) major findings and outcomes**

I feel that the trip was particularly successful. In my own research I have found that diverse communities of arbuscular mycorrhizal fungi (AMF) actually survive in the cotton cropping soils at Narrabri. Before I started my PhD it was generally considered that AMF are sensitive to agricultural practices and that diversity is low in these systems. In Spain I met with several people who have also found high AMF diversity in cropped soils. This was very exciting. I also had many queries about the AMF PCR primers I developed during the project.

#### **b) other highlights**

### **3. Detail the persons and institutions visited, giving full title, position details, location, duration of visit and purpose of visit to these people/places. (NB:- Please provide full names of institutions, not just acronyms.)**

The trip was restricted to the conference

#### **4. a) Are there any potential areas worth following up as a result of the travel?**

Not at this late stage in my PhD.

#### **b) Any relevance or possible impact on the Australian Cotton Industry?**

I do expect so.

### **5. How do you intend to share the knowledge you have gained with other people in the cotton industry?**

A publication is very near ready for submission to an international journal