

**FINAL REPORT ON COTTON RESEARCH AND DEVELOPMENT
CORPORATION PROJECT CSP33C:**

**COLLECTION AND MULTIPLICATION OF GERMLASM OF WILD
GOSSYPIUM SPECIES FROM EASTERN AUSTRALIA**

The project was intended to collect germplasm of two of the wild relatives of cotton, *Gossypium australe* and *G. sturtianum* from eastern Australia, and to initiate a seed bank of these species.

The Australian species of *Gossypium* are the focus of increasing interest by researchers working in the field of cotton improvement, especially from the viewpoints of host-plant resistance and tissue-specific variation in gossypol content. Another aspect of recent interest is consideration of the risk of introgression to wild species from genetically modified lines of cotton. Inadequate samples were held in Australian germplasm collections for studies in these areas to be conducted satisfactorily and CRDC funded the work reported herein, i.e. the collection of germplasm and commencement of its multiplication.