

Title: Species-level phylogenetics in the Namaqualand daisy genus *Dimorphotheca*

Description: The small daisy genus *Dimorphotheca* (~ 20 species) is centred in the Namaqualand region where its attractive flowers form an important part of the annual spring floral display. *Dimorphotheca* has the unusual property of producing two types of fruits, which may differ in dispersability and/or germination properties, studies of which are underway in Prof. Ellis' lab. A taxonomic revision of *Dimorphotheca* is a national priority (SANBI Biosystematics Strategy 2013 - 2018). This project aims to use field- and herbarium-based investigations in conjunction with a fully-sampled species-level molecular phylogeny to produce a taxonomic revision of *Dimorphotheca*, and examine the evolution of the dual fruit morphotypes

Field: Taxonomy

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Level: MSc