

**Title:** Evolution of fruit form and function in the Cape daisy tribe Calenduleae

**Description:** The Cape-centred daisy tribe Calenduleae harbours a range of fruit dispersal strategies, including passive, water, wind, ants, and vertebrate dispersal, with a corresponding range of fruit structures. This project aims to characterise the variation in fruit form, including possession of wings, chemical ant-attractant coatings, and air cavities, and explore the evolutionary drivers of these strategies. Fruit structure will be examined by means of light and electron microscopy. The taxonomic implications of fruit variation will be explored and the evolution of the different structures mapped onto the phylogeny of the group.

**Field:** Taxonomy

**Supervisors:** Prof T Verboom (UCT), Prof A Ellis (SU), Dr N Bergh (SANBI)

**University for registration:** University of Cape Town

**Level:** BSc Hons.