

**The effect of propagation medium, vegetative material and rooting hormones on the rooting of Endangered *Protea angustata***

**Level:** Advanced Diploma

**Field:** Horticultural Science, Plant conservation

**Supervisors:** Ntuthuko Mabuya [n.mabuya@sanbi.org.za](mailto:n.mabuya@sanbi.org.za) and Mashudu Nndanduleni [m.nndanduleni@sanbi.org.za](mailto:m.nndanduleni@sanbi.org.za)

**University for registration:** Cape Peninsula University of Technology

**Description:**

*Protea angustata*, also known as the Kleinmond sugarbush, a shrub that belongs to the genus *Protea*. It forms a sparse mat up to 1.5 m across. The long, narrow leaves curve upwards and are about 120-250 mm long and 2-8 mm wide. This species has been recorded to be difficult to propagate through asexual propagation and no successful propagation of this species have been achieved, however, there is limited research done on propagation of this species, and this study will look at different propagation techniques to improve asexual propagation of *Protea angustata*. This project will close the knowledge gap on the propagation of this species and knowledge can be used for future species recovery project of this species and other related threatened species. The aim of this study is to develop propagation protocols of Endangered *Protea angustata*.