

## **Basic data capture of botanical species collected in the Fernkloof Nature Reserve housed in the Hermanus Botanical Society Herbarium (HER)**

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Entry into the Brahm's database and submission to FBIP of greater than 5500 identified plant specimens representing greater than 1600 plant species in the Hermanus Herbarium. Targets would be to load at least 50 species per day onto the database. Specimens would be barcoded. Completion would be within 7 months. Herbarium staff trained to continue the data capture into the future. The aim is to DNA barcode Eastern Rûens Shale Renosterveld species with emphasis on taxa restricted to quartz islands, with objective to: sequence DNA barcodes (rbcLa, matK) for 400 vascular plant species; prepare voucher specimens for each of the taxa, with accompanying field data; characterize (image) the taxa and their habitats.