

## *Senecio eenii*

**Family:** Asteraceae



**Collection Number:** 96

**Description:** An erect, branching herb. The flower-head is typical of the family, very daisy-like, a capitulum of ray and disc florets. The eight ray florets are pinkish purple, disc florets are bright yellow. Leaves are simple and toothed or lobed, growing in the axis of new branches. Stems and leaves are covered in fine, white glandular hairs which exude a sticky substance.

**Habitat:** Deep, coarse sand, in shade, where water is available. This species also grows in the Kalahari and in the Northern Cape.



**WOLWEDANS HERBARIUM (NRNR)**

**NAME:** *Senecio eenii*

**Collection No:** 96

**Date:** 25/06/01

**Collector:** Louise Clapham

**Grid ref.:** 2416 Cc

**Locality:** Draaihoek, base of the waterfall.

**Habitat:** Close to rock pools in a seepage area at the base of the waterfall. In course sand next to free standing water.

**Plant features:** Erect, branching annual. Inflorescence a capitulum, disc florets bright yellow, ray florets pink/purple. Very vividly coloured. Stems and leaves secreting a sticky substance.

**Other notes:** Rare, I only found one plant.

Collectors No. 96 Date 25.06.2001  
 Collector/s Louise Clapham GPS..... S  
 Locality (please describe property, not just grid/gps) Pacinhoek E  
Amongst rock pools at the base of Grid 2416 Cc  
the water-fall Altitude.....  
 Aspect Slope gentle Exposure full sun Photo no's.....  
 Voucher for.....

DESCRIPTION OF PLANT *Please give as much information as possible*

Species Senecio eonii ~~Perennial~~/Annual  
 Habit (eg: dwarf shrub) Erect, branching non-woody herb  
 Height  $\pm$  20-30cm Occurrence (eg: common) Rare, only found 1  
 Flower/inflorescence (colour, shape, size, smell, texture) A capitulum, Disc florets  
Bright yellow. Ray florets pink/purple. Very vivid  
colours. 3 Ray florets.

Leaves (simple/compound, margin, shape, colour, texture, stipules) Simple Growing at  
axis of new branch. Simple pinnatifid

Stems and bark (colour, texture, habit - eg: erect stem with yellow peeling papery bark - presence or  
 absence and smell of sap or latex - eg: milky latex with unpleasant smell) Stems and  
leaves covered in very fine white hairs - secreting a  
sticky substance

Fruits and seed (presence/absence, shape, colour, edibility and taste if edible, single or clustered  
 maturity).....

Roots/Underground organs (shape, texture, colour, size).....

Other (eg: uses, ecology).....

Indigenous names and languages.....

Please accept apologies for the state of these  
 specimens, they travelled a long time before reaching  
 the plant press. I have so far only one come across  
 the one plant growing on the reserve. When there is

| Habitat                    |                            | Substrate          | Soil type        | Moisture                               | Biotic effect     |
|----------------------------|----------------------------|--------------------|------------------|--|-------------------|
| cliff face                 | riverbank/<br>streambank   | soil               | sand ✓<br>COARSE |  | road/railside     |
| mountain/hill peak         | seepage area ✓             | stony/rocky soil ✓ | sandy loam       | well-drained                           | cultivated land   |
| mountain/hill slope        | waterfall/<br>rapids       | gravel ✓           | loam             | seasonally<br>waterlogged              | abandoned land    |
| ravine/cloof/<br>gorge ✓   | littoral                   | termite<br>mound   | humus-<br>rich   | permanently<br>waterlogged             | heavily grazed    |
| talus/scree                | unknown                    | bare rock          | loamy clay       | moist/damp                             | garden            |
| dune slope                 |                            | water              | clay             | freestanding water ✓                   | plantation        |
| dune crest                 | Vegetation                 | roots              | calcrete         | running water                          | recently burnt    |
| interdunal street          | desert                     | other              | black turf       | mist/fog                               | disturbed - other |
| ridge                      | shrubland ✓<br>open/closed |                    | salt/brack       |  | other             |
| rocky outcrop              | woodland<br>open/closed    |                    | gravel           | On the edge<br>of rock pools<br>at the |                   |
| plain                      | thornbush<br>savanna       |                    | dolomite         | base of a<br>normally                  |                   |
| plateau                    | forest                     |                    | granite ✓        | dry                                    |                   |
| valley                     | grassland                  |                    | lime             | waterfall.                             |                   |
| donga/ditch/gutley         | karoo                      |                    | mica schist      | Water seepage still                    |                   |
| depression/pan             |                            |                    | quartzite        | from April rains.                      |                   |
| dam                        |                            |                    | other            |  |                   |
| dry bed of<br>river/stream |                            |                    |                  |  |                   |
| floodplain                 |                            |                    |                  |  |                   |
| estuary/lagoon             |                            |                    |                  |  |                   |
| marsh/swamp/<br>wetland    |                            |                    |                  |  |                   |
| river/stream               |                            |                    |                  |  |                   |

FOR HERBARIUM USE ONLY

D. ....  
Det. By ..... date ..... Accession .....

| flowering code |  | fruiting code | voucher      |  | duplicates |
|----------------|--|---------------|--------------|--|------------|
| mature         |  |               | genebank     |  |            |
| immature       |  |               | ethnobotanic |  |            |
| remains        |  |               |              |  |            |
| absent         |  |               |              |  |            |