

## EREMOPHILA STUDY GROUP NEWSLETTER NO. 13 MARCH 1979

Once again the Study Group was successful in introducing new species into cultivation. Some of these have been distributed, a few to interstate members who called in, plus some to local members. Some of the new introductions are limited to one or two plants and will be scarce for a time. Of interest was a pink form of *E. eriocalyx*, which was collected by two separate people. This form has been propagated and will be a good acquisition.

G.N.

## EREMOPHILA MICROTHECA

Judy Monks

The Western Australian Wildflower Society's October long weekend excursion last year was to the coastal sandplains north of Perth and attracted 147 people (murderous from the dust angle). It was entirely due to luck that we found any *Eremophila* species as they rarely occur in sand heath country.

Two bushes of *Eremophila microtheca* were discovered growing near the Eneabba-Leehman road. These were quite a find as we have been informed that, apart from a collection made by Mr. C. Gardner at Lake Logue back in the 1930s this species is only known from the original specimen.

The plants were growing in clay-pan depressions in sandplain country approximately 13 km from the coast so that a situation with standing water in winter was likely. Bush height was variable, from almost prostrate with competition to one metre without competition.

**Description:** A slender shrub with small crowded leaves 1 cm long, whorled rather than opposite; leaves, stems, and calyx lobes, appear to be covered with fine glandular hairs; calyx lobes not imbricate, 3-4 mm long, green; flowers 2-lipped, mauve with spots in the thorax; pedicel short 2-3 mm.

## NEW EREMOPHILA INTRODUCTIONS

(\* denotes seedling)

E.No.	Coll.	No.	Name	State	Location
597*	RJC	4011	<u>E. "rostrata"</u>	WA	1.5 km N. of Cue P.O. 27°25'S. 117°55'E.
757	RI	99	<u>E. aff. cordatisepala</u>	WA	249 km S. of Newman Road
793	RJC	4409	<u>E. aff. veronica</u>	WA	21.7 km WSW. of Coolgardie P.O. 30°59'S. 120°57'E.
797	RJC	4340	<u>E. biserrata</u>	WA	3 km E. of Hyden 32°27'S. 118°50'E.
798	RJC	4380	<u>Myporum beckeri</u>	WA	15.2 km SW. of Ravensthorpe 33°41'S. 120°00'E.
800	RJC	4370	<u>E. "verticillata"</u>	WA	48.8 km SE. of Newdegate 33°26'S. 119°16'E.
801	RJC	4352	<u>E. inflata</u>	WA	15.7 km S. of Lake Cronin 32°34'S. 119°45'E.
803	RJC	4406	<u>E. aff. pachyphylla</u>	WA	39.5 km N. of Lake Cowan Causeway 31°48'S. 121°41'E.
806	RJC	4383	<u>E. chamaephila</u>	WA	15.5 km N. of Scaddan 33°18'S. 121°43'E.

## NEW PUBLICATION

Chinnock, R.J. (1979). Ten new species of *Eremophila* from Central and Western Australia. *J. Adelaide Bot. Gard.* 1:237-262.

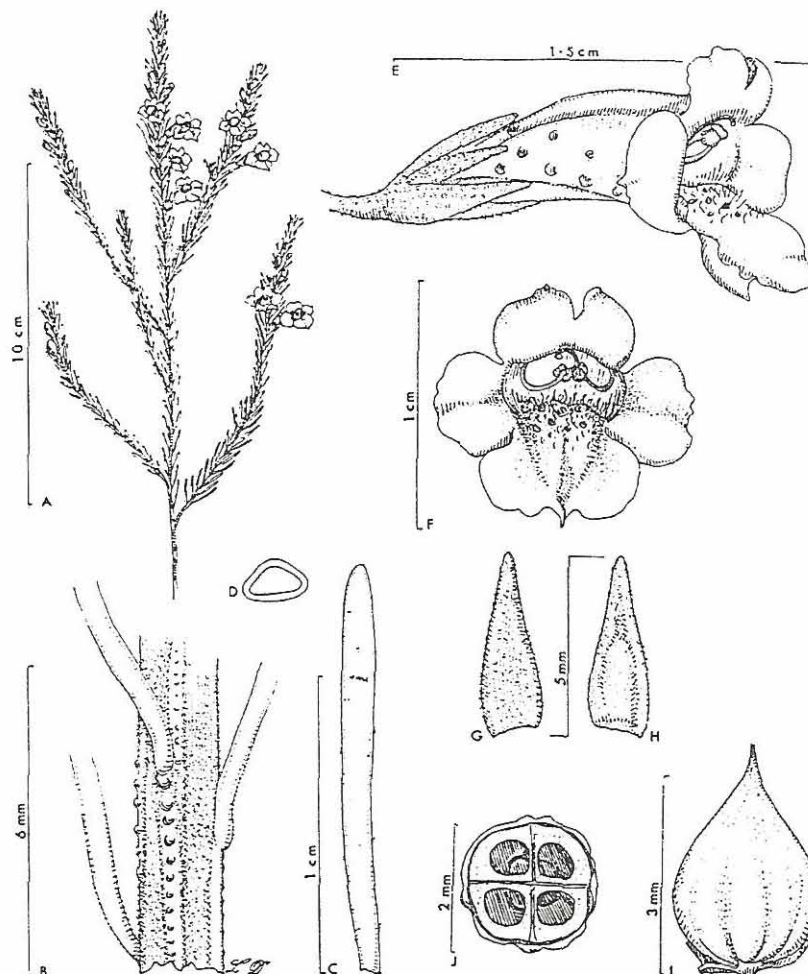
## NEW EREMOPHILAS

Bob Chinnock

I have just published descriptions of ten new species of *Eremophila* some of which are well known in cultivation and the remainder occur in Central Australia.

Most will be familiar with *E. bicolor* (*E.* 101, *E.* 102), *E. biserrata* (previously known by the manuscript name of *E. versicolor*), and *E. serpens* (Lake King, prostrate); *E. purpurascens* is the species related to *E. alternifolia* and restricted to the hills around Norseman; *E. gibbosa* is the glabrous stemmed *E.* "serrulata" from the Norseman-Coolgardie-Kalgoorlie area (this is a yellowish-green flowered species which is just coming into bloom).

In addition to the above I have described five species in preparation for the proposed new Flora of Central Australia. These species are: *E. arachnoides* subsp. *arachnoides* (W.A.) and *E. arachnoides* subsp. *tenera* (S.A., W.A.); *E. alatisepala* (Q) - this species collected in SW. Queensland by Ray Isaacson in 1976, and Ray has one plant of it; *E. glutinosa* (W.A.)—this is the *E. ramosissima* (C.A. Gardner manuscript name), as mentioned on p. 643 of "How to Know Western Australian Wildflowers" Part 4; *E. ovata* (N.T.); *E. verrucosa* (S.A.).

*Eremophila microtheca*

A, habit; B, enlargement of branch; C-D, front view and cross-section of leaf; E, side view of flower; F, front view of corolla; G-H, outside and inside of sepal; I-J, front view and cross-section of fruit.