

Patron

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Prostanthera Study Group

Newsletter

Vol 1 No 2 March, 1981

Leader

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Dear Study Group Member,

Garden of Incense Members will be pleased to hear that the Study Group has now started our Garden of Incense. On Sunday March 22nd, my wife Tess, Evan Weatherhead and myself went to Sam and Betty Jack's residence at 16 Railway Pde Warrimoo and planted over 60 Prostanthera with approximately 30 different species.

These were planted in a natural bush setting of local flora which is regenerating after the last bushfire. The area is at the bottom of a small gully and will be able to be viewed from several levels as the path winds down the gully.

Anybody wishing to send plants or cuttings for the Garden may do so through the leader who will reimburse postage if required.

New Mints I have recently come across a few mints that have yet to be identified.

While on an outing at Shaw's Creek Yarramundi in the Lower Blue Mountains, I found two mints that are not listed in Flora of the Sydney Region. One has a leaf similar to P. rotundifolia but appears to be different; no flower as yet.

The other appears to be a cross between the above plant and P. violacea which grows in this area.

Then at Christmas time myself and Tess went with Sam and Betty Jack to the Nowra area, to Beecroft Head to see a mint that had been found growing there and called P. densa. Found the mint but had my doubts that it was P. densa so I sent cuttings to Adelaide Botanical Gardens to Mr Barry Conn who is doing a full revision of the Prostanthera species. He informed me with his first view of the mint that he thought it was a form of P. granitica. This will be checked out thoroughly later. Mr Conn has also stated that he has almost finished the Klanderia Section revision to the first draft stage.

Pro-formas On receipt of some of these forms it was found that several members have had trouble with damp-off. Well they are not alone with this problem as I lost over 200 pots of Prostanthera plants that I had potted on, but after a spraying with Captan I have at least halted the death rate, and regular spraying has seemed to have had results. More on this problem next newsletter.

We also had some members enquire as to the existence of a P. scheelii/P. cheelii. On checking with George Althofer we are of the same opinion that this Prostanthera is a form of P. incisa, or could even be a form of P. sieberi as quite often many of these plants are very close and you can argue all day on the differences. I have often seen these wrongly named in many nurseries but no recorded listing to P. scheelii.

Talking of P. scheelii my form (P. incisa) last year had mauve, pink and white flowers on the same branch. I have taken cuttings to see if they continue to flower in these colours.

I have a list of Prostantheras divided into two main groups (Eu-prostanthera and Klanderia) which may be of help to you. This list was made by the Maroondah Group (Vic. Region) and is Enclosure 'A'.

Les Taylor

Leader.

oted directly from Maroondah Group (Vic. Region) Newsletter, October 1980.

" Genus: PROSTANTHERA - The name means 'appendages on the anthers'

Prostantheras are divided into two main groups-

1. EU-PROSTANTHERA ; ("EU" means the normal form)

Main features - flower tube very short and broad

- upper flower lip short, erect, often with two lobes

- lower flower lip longer, 3-lobed

- calyx upper lip curved back, lower lip folds up over the fruits.

2. KLANDERIA : This group is so different that some people feel it should be a separate genus. The flowers, calyx, leaves and habitats are all very different from the Eu-prostantheras.

Main features - flower tube long and tapering

- upper flower lip curved down and only tip erect

- lower flower lip shorter than the upper

- calyx lips straight and equal, remain open in fruit.

The EU-PROSTANTHERA SECTION is subdivided into three main divisions.

Series 1 : RACEMOSAE : Flowers in terminal racemes and floral leaves reduced to deciduous bracts.

Series 2 : AXILLARES : Flowers solitary in leaf axils. Floral leaves similar to normal leaves. Leaf stem short or absent.

Subseries (i) : CONVEXAE : Leaves convex, small or narrow. Leaf margins rolled under.

Subseries (ii) : SUBCONCAVAE : Leaves flat or concave. Leaf edges curved upwards.

PROSTANTHERA :

EU-PROSTANTHERA :

RACEMOSAE :

P. lasianthos (N.S.W., Vic., Tas., Q.) white 1.5-4m X 2m.

prunellioides (NSW., Q.) white, 1-2 m x 1m. Sun or shade; Summer water.

caerulea (NSW) Purplish blue, 1-2 m x 1.5 m. Shade

melissifolia (Vic) Violet, pink or white. 2 m x 3 m. Shade; summer water.

cineolifera (NSW) Violet. 1 - 2 m x 1.5 m. Partial shade.

lanceolata (NSW, Q) Violet. 3 - 4 m x 2 m. Sun or shade; Summer water.

incisa (NSW) Mauve 1-1.5 m x 1-1.5 m. Shade and moisture.

sieberi (NSW) Mauve 2m x 2m. Shade.

discolor (NSW) Mauve. 1.5 - 2m x 1 m. Partial shade.

rotundifolia (NSW, T., Vic.) Mauve. 1.5-3m x 2m. Sun or shade.

rotundifolia "rosea" Pink. 1 m x 1 m. Some shade and water.

cruciflora (NSW) White or pale blue. 1.5 m - 2m x 1 m. Partial shade.

ovalifolia (NSW., Q.) Violet 2-4 m x 2m. Sun or shade. Moisture.

violacea (NSW) Violet 1-2 m x 1-2 m. Shade. Summer water.

incana (NSW) Lavender. 1-2m x 2m. Part shade.

stricta (NSW) Deep violet. 0.6 - 1m x 1m. Part shade, summer water.

hirtula (NSW., V) Violet. 1-2m x 1-2m. Full shade and water.

denticulata (NSW., Vic) Mauve, lilac or violet. 1m x 0.3 m. Half sun

Several species close to *P. denticulata*

Several species close to *P. incana*

Several species close to *P. lasianthos*

Several species close to *P. rotundifolia*

Species close to *P. melissifolia*

Species close to *P. ovalifolia* from Khyber Pass

PROSTANTHERA :

EU-PROSTANTHERA :

AXILLARES :

CONVEXAE :

P. rugosa (NSW) Mauve. 1.2m - 2m x 2m. Shade. Summer water.

rhombea (NSW, Vic.) Mauve. 1m x 1.5 m. Shade and water.

densa (NSW) Mauve. 1m x 0.6m. Half sun and summer water.

spinosa (NSW, Vic, SA) White or lavender. 0.2m x 1.2m. Dry shade.

cuneata (NSW, Vic, Tas) White or mauve. Prostrate 1.5m x 1m. 3/4 sun and summer water.

linearis (NSW, Q) White or mauve. 1-3m x 0.5m. Shade and water.

phyllicifolia (NSW, Q., Vic) Mauve. 0.5m - 1.5m x 1m. Some shade.

decussata (Vic) Mauve or purple 1.5 - 2m x 1m. Partial shade.

scutellarioides (NSW) Violet. 0.6-1m x 1m. Shade.

granitica (NSW, Q.) Violet. 1-1.2m x 1m. Half shade, Dry.

teretifolia (NSW) Purple. 1.2 - 2m x 1m. Part shade. Summer water.

staurophylla (NSW) Mauve. 1-1.5m x 1m. Dry, shade.

P. marifolia (NSW) Lilac. 1-1.2m x 1.5m. Shade.
howelliae (NSW) Purple. 1-2m x 0.8 m. Sun or shade. Summer water.

Species close to *P. granitica*
Species close to *P. phyllicifolia*
Several species close to *P. howelliae*

AXILLARES:

SUBCONCAVE:

P. lithospermoides (NSW, Q) White or mauve. 1-3m x 1m. Sun. Some water.
behriana (S.A.) White or pale mauve. 2m x 1m. Sun or partial shade.
baxteri (S.A., W.A.) Blue. 1.5m x 1 m. Sun or partial shade.
nivea (NSW, S.A., Tas., Vic.) White. 3m x 1-2m. Part shade.
nivea var. induta (NSW) Pale blue. 1-2m x 1m. Part shade.
striatiflora (NSW, N.T., Q., S.A., W.A.) Cream 1-2m x 1m. Sun.
saxicola (NSW, Vic) Mauve 0.5-1m x 0.5m. Shade, Dry.
saxicola var. montana (NSW) White 0.5 m x 1m. Shade. Summer water.
odorotissima (Q) Purple. 0.6m x 1m. Sun, Summer water.
euphrasioides (NSW, Q.) Lilac. 0.6 - 1m x 0.6m. Full sun.
cryptandroides (NSW) Purple 1m x 1m. 3/4 sun.
eurybioides (S.A) Violet. 0.5 - 1m x 1m. Shady, dry.
parvifolia (Q) Mauve. 1m x 0.5m. Shady, dry.
collina (Q) White or lilac. 1m x 1m. Dry, Shade.

Species close to *P. lithospermoides*
Species close to *P. nivea*
Species close to *P. saxicola*

PROSTANTHERA:

KLANDERIA:

P. aspalathoides (Vic., S.A., NSW) Orange, red or yellow. 0.6 x 0.5m. Sun or part shade.
leichhardtii (NSW, Q.) Green. 1-2m x 0.8m. Dry, Shade.
walteri (NSW., Vic.) Green. 0.6m x 1m. Shade, Water.
microphylla (S.A., Vic., W.A.) Red. 0.5m x 0.5m. Sun or 1/4 shade.
microphylla var. aeruginosa (NSW, Vic., S.A.) Green. 0.5m x 0.5m. Sun.
chlorantha (S.A.) Green. 0.6m x 1m. Sun or 1/4 shade.
calycina (S.A.) Orange-red. 0.5m x 0.3 m. Sun.
grylloana (W.A) Red. 0.5 m x 0.5m. Sun, Water summer.
lepidota (NSW., Q.) Green. 1-2m x 0.8m. Sun.

Several species close to *P. aspalathoides*
Species close to *P. grylloana*
Species close to *P. walteri*
Species close to *P. leichhardtii*
P. "serpyllifolia" now included in *P. microphylla*

UNGROUPED SPECIES

P. magnifica (W.A) Pinkish-blue 1-2m x 0.8 m. Sun or part shade.

RARE SPECIES :

<i>P. wilkeana</i>	<i>P. nudula</i>
<i>eckersleyana</i>	<i>campbellii</i>
<i>scutata</i>	<i>canaliculata</i>
<i>atroviolacea</i>	<i>megacalyx</i>
<i>albohirta</i>	<i>ringens</i>
<i>aremicola</i>	<i>suborbicularis</i>

The committee of the Maroondah Group of the S.G.A.P. wish to thank Dr R Macdonald for preparing the above list on Prostanthera.