

NOTES ON A FEW INTERESTING PLANTS FROM MORETON BAY.

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THE following notes relate to a few plants collected during the past couple of years around Moreton Bay, and which seem to be worthy of note. Except where otherwise stated, the specimens have been gathered personally by myself and several of them on excursions of the local Field Naturalists' Club.

MALVACEÆ.

HIBISCUS DIVERSIFOLIUS, *Jacq.* (var. *genuinus*, Hochr. Ann. du. Conserv. et du Jardin Bot. Geneva, (1900) 119).

Quite recently I have collected this species in swamps at Sandgate and Bribie Island (Moreton Bay) and Mudgeeraba (South Coast Railway). Flowers, yellow or greenish-yellow, with a dark centre. Previously the inclusion of this plant in the Queensland flora rested on doubtful specimens collected at Rockhampton by M. Thozet.

RUTACEÆ.

ASTEROLASIA WOOMBIE, *Bail.* Bribie Island; a very common shrub.

LEGUMINOSEÆ.

DESMODIUM POLYCARPUM, *D.C.* Bribie Island.

VIGNA LUTEOLA, *Benth.* Sandgate and Bribie Island.

ACACIA CINCINNATA, *F. v. M.* Bribie Island.

The finding of this *Acacia* so far from the previously recorded habitats is of especial interest. It is a large tree with a dark rough bark, and is generally found on the edge of swamps. The trunk rises for a considerable height without any signs of branching.

RHIZOPHOREÆ.

CERIOPS CANDOLLEANA, *Arn.* Mangrove swamps between Sandgate and Humpybong.

MYRTACEÆ.

LEPTOSPERMUM FLAVESCENS, *Sm.* var. *citriodorum*, *Bail* Q'land Ag. Jl., XV (1905), 781.

This variety is very common in the swamps in some places on Moreton and Stradbroke Islands. Burleigh Heads (*J. E. Young*) is another additional habitat. It evidently has a wide range in Southern Queensland, but apparently is restricted to coastal swamps. This and *L. liversidgei*, *Baker and Smith*,* recorded from several coastal localities in N.S.W. are evidently identical.

EUCALYPTUS PLANCHONIANA, *F. v. M.* Stradbroke Island.

These specimens show great variability in the length of the fruit-stalk, in one specimen it being $\frac{1}{2}$ inch (12.5mm) long.

PROTEACEÆ.

BANKSIA SERRATA, *Linn. f.*

I have recently collected specimens of this from Stradbroke Island and Bribie Island; in the latter locality

*Journ. and Proc. Roy. Soc. N.S.W., xxxiv (1905), 124.

it is very common on the ocean side of the island. The trees, so far as I have observed, are always of a narrow pyramidal shape.

BANKSIA ÆMULA, *R. Br.*

This is very common in coastal localities in Southern Queensland; the trees are generally of a very irregular spreading growth and reach large dimensions. Although very common, I have never seen it of shrubby growth as it is said to occur most commonly in New South Wales

RESTIACEÆ.

LEPTOCARPUS TENAX, *R. Br.*

This species, but recently recorded for Queensland. I have collected at the following localities: Russell Island, and Bribie Island (Moreton Bay), and Lake Wybah (North Coast Line).

CYPERACEÆ.

CYPERUS CONICUS, *Boeckl.* Bribie Island.

The leaves and stems have a glaucous tint.

GRAMINEÆ.

POLLINIA ARGENTEA, *Trin.* Bribie Island.

I have seen this grass growing in several localities in Southern Queensland, always in swampy land.

ARTHRAUXON CILIARIS, *Beauv.* var. *AUSTRALIS*, *Benth.* Myora (Stradbroke Island).

The only other specimen of this grass in the Queensland Herbarium is a very poor one from Toowoomba, the var. *tenellus*, *Benth.*

ERAGROSTIS BROWNII, *Nees*, var. *PUBESCENS*, *Bail.*

This grass, previously only recorded from tropical Queensland, I have found in great abundance in the sandy

shore lands of Bribie Island, and have also gathered specimens at Fig Tree Pocket (Brisbane River) and Stradbroke Island.

Specimens have also been gathered at Noosa, by Miss E. N. Parker, and at Yeppoon, by Mr. E. W. Bick, so the grass would appear to extend nearly along the whole range of the Queensland coast.

LEPTURUS REPENS, *R. Br.* Sand-hills, Bribie Island :
not previously recorded from extra-tropical Queens
land.

FILICES.

LINDSÆA DIMORPHA, *Bail.* Bribie Island.



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