

SHORT NOTES

SELLIERA RADICANS CAV. (GOODENIACEAE), A NEW RECORD FOR WESTERN AUSTRALIA

This creeping perennial has been collected near Crusoe Beach, Wilson Inlet, east of Denmark (N.G. Marchant s.n. 4th March 1977, voucher specimen in PERTH). It was found growing on a muddy flat underneath paper-barked *Melaleuca* trees with various sedges and *Lobelia alata*. The habitat is periodically inundated with estuarine water and may receive fresh water from seepages at low tide.

Selliera radicans is native to coastal regions from Kangaroo Island and Eyre Peninsula in South Australia to the Sydney region, the Bass Strait islands and Tasmania. It is also found on the North and South islands of New Zealand as well as Stewart Island and in Chile, South America (Krause 1912).

The only known Western Australian occurrence is near a small fishing-boat anchorage a few kilometers away from any habitation. The area is quite undisturbed and it is not likely that *Selliera* has been introduced by man to the locality. The initial collection was sterile, its identity was confirmed after cultivation and subsequent flowering in Perth

Reference

Krause, K. (1912). Goodeniaceae und Brunoniaceae. *Das Pflanzenreich*, 4.277 (Heft 54): 112-113.

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Perth.

MATTHIOLA (R.BR. IN) AIT. (BRASSICACEAE) NATURALIZED IN WESTERN AUSTRALIA

Matthiola incana (L.) Ait., the common garden stock, a native of the Mediterranean region, has become naturalized at a number of coastal localities in the Perth metropolitan region. The species has been recorded from Fremantle (GK 2490), Trigg Island (GK 2269) and Yanchep (Demarz 6483), a range of over 80 kilometres.

Generally the species has become established on limestone cliffs covered by sand, and not on open sandy beaches. Plants are robust perennials, purple flowered, persisting for up to seven years and producing copious amounts of seed (they are autogamous and self fertile, Keighery, 1980). Many seedlings are found during winter, but few survive their first summer drought.

Matthiola incana has also been recorded as a naturalized alien in South Australia by Eichler, 1965.

Voucher collections are lodged in PERTH and KPG.