

More new or noteworthy adventives, some of them from my garden

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Vouchers for the following records (ROG XXXX) are lodged in the Auckland Museum herbarium (AK).

Artemisia annua L. (ASTERACEAE)

Bushy subshrub a metre or so tall, on drying sewage sludge with other tall annual weeds; Mangere Basin. ROG 10164, coll. March 2000.

I nearly walked past this nondescript bush, mistaking it perhaps for *Chenopodium ambrosioides*. Not long after I made the collection a habitual luncheon companion of mine (not a botanist and in ignorance of my find) presented me with a packeted herbal remedy for diarrhoea - its active ingredient *A. annua* (Figure 1). The connection remains to be demonstrated.

Erechtites hieraciifolia (L.) DC. (ASTERACEAE)

Three 40 cm tall plants on hard clay of previously bulldozed section; 178 Cliff View Drive, Green Bay, Auckland. ROG 9241, coll. March 1999. This is the latest in a handful of recent collections from the Auckland region, an expansion of range documented by de Lange (1995).

Hieracium xstoloniferum Waldst. et Kit. (ASTERACEAE)

Flatweed, shortly stoloniferous; leaves with bristles on both surfaces and small stellate hairs below; capitula solitary, outer rays abaxially with a broad dull red central stripe flanked by orange, adaxially orange adaxially; a single plant, on well-drained gravel berm by concrete apron, 178 Cliff View Drive. ROG 9262, coll. August 1999.

I am grateful to Phil Garnock-Jones for confirming the identification of this vigorous and sinister-looking weed, its occurrence here by far the northernmost record of the genus in NZ. If anyone deliberately brought the plant onto my property would he please let me know?

Myoporum insulare R.Br. (MYOPORACEAE)

Several seedlings and small treelets to 1.5 m tall (flowering), on old scoria-like heaps of sewage sludge; Mangere Basin close to Ambury Park. ROG 10169, coll. March 2000.

A planting of the species a few metres away along the park's boundary can be supposed to have supplied the seed for this naturalization. Planted individuals of *M. laetum* are also close by, and a few young plants of it too (ROG 10168) are present on the sludge heaps. In addition, my 10170 from here appears to be a naturalised hybrid between the two species.

Protea subvestita N.E.Br. (PROTEACEAE)

Seedlings and saplings appearing around planted parent trees in scrubby section frontage on dry clay;

60 Duncansby Rd, Whangaparoa Peninsula. ROG 9264, coll. c. May/June 1999.

Graham Hambly first made a collection of this population, in 1992 (AK 209886). It is not one of the more commonly cultivated species and we are grateful to J. P. Rourke and Susette Foster of the Compton Herbarium (Republic of South Africa) for its identification.

A book on proteas in New Zealand has a brilliant depiction of this handsome tree (Matthews 1983); in this work it is said that the species is listed in a 1965 NZ nursery catalogue but is known to have been grown before that time in several of our gardens.

Gladiolus sp., perhaps *G. x hortulanus* Bailey (IRIDACEAE)

Corolla pinkish orange, the inner 3 tepals yellowish with pink-orange streaks centrally; abundant on sandy ground at edge of maize paddock; Rangiwhia I. in the Tauranga Harbour. ROG 10163, coll. March 2000. I believe that this is the same taxon as I collected wild once on Norfolk Island (ROG 6173); the name suggested above is the one used by Green (1994). It was not clear to me whether the Tauranga plant was naturalising by seed or bulbils.

Sisyrinchium sp., perhaps *S. californicum* Ait. (IRIDACEAE)

20 cm tall, fans of dull blue-green leaves c. 6 mm wide, old (yellowish) flower and ripe fruit; a single plant, 178 Cliff View Drive. ROG 9257, coll. May 2000.

This plant "just appeared" on my property, which was until recently was under manuka-Hakea scrub. I am grateful to Bill Sykes for suggesting its identity when I described it to him; he said *S. californicum* had become a weed in his Christchurch garden. My favorite "Sunset Western Garden Book" notes that the plant can grow in wet, low or poorly drained places.

Bulbine semibarbata (R.Br.) Haw. (LILIACEAE)

40 cm tall scapose herb, roots not enlarged, leaves in section broadly channelled below, triangular above, flowers yellow with only 3 of the 6 stamens bearded at base of the brown anthers; Oratia Native Plant Nursery. ROG 10173, coll. May 2000.

According to Geoff Davidson this plant appeared as a rampant weed about his nursery in the first part of the above year, from seed made by a single individual he had recently been given.

The account of *Bulbine* in Australia (Watson 1987), where *B. semibarbata* comes from, describes this species as widespread, variable and complex genetically. It would appear, at least from the lack of a previous adventive record for it, that it has not been cultivated in New Zealand before, but perhaps some gardeners have got docile forms of it.

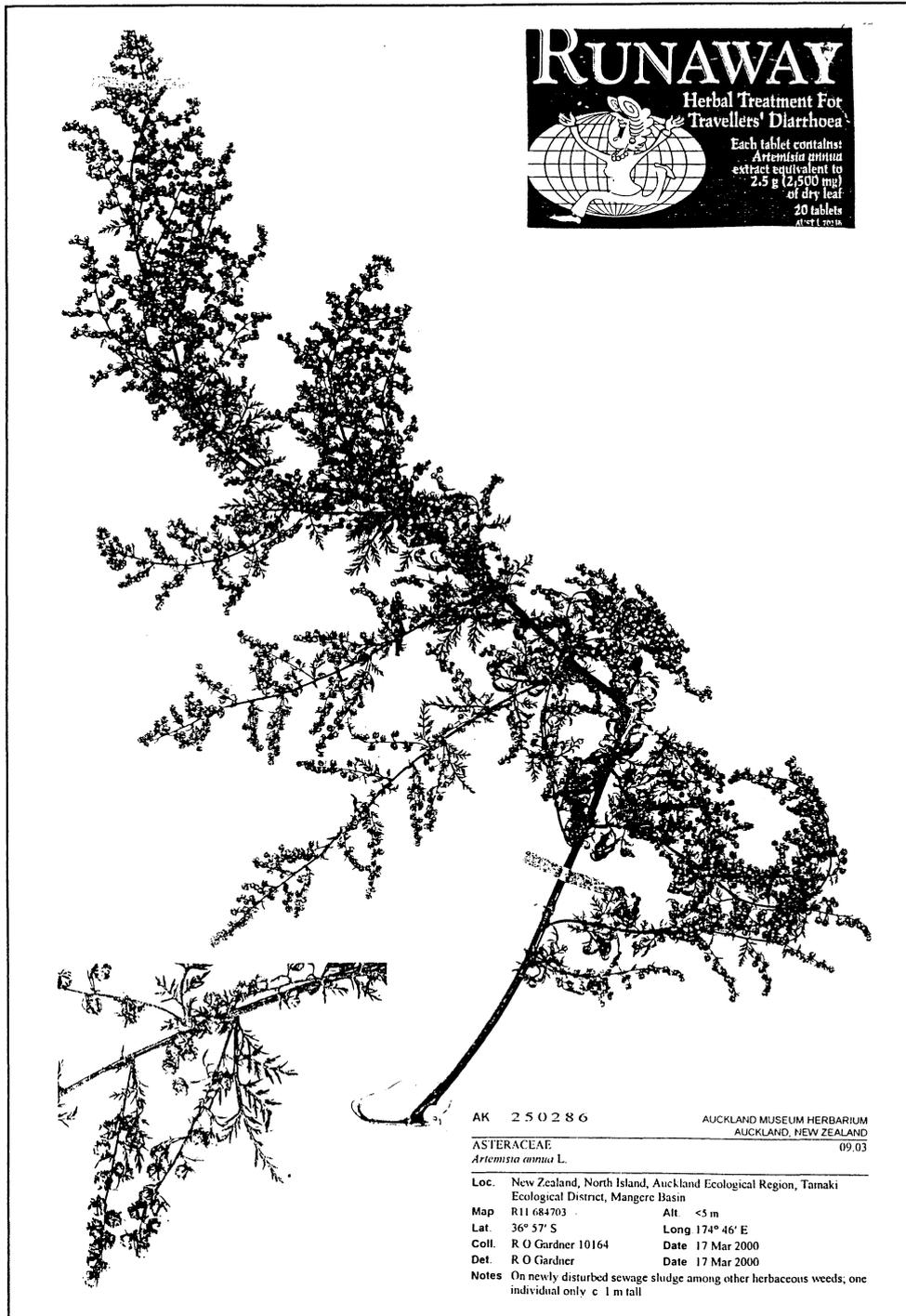


Figure 1. *Artemisia annua*

References

- de Lange, P. J. 1995: American Fireweed (*Erechtites hieracifolia* (L.) DC.) in the South Auckland area. *Auckland Botanical Society Journal* 50: 63-64.
- Green, P. S. 1994: *Flora of Australia*. Vol.49. Australian Govt Pub. Service, Canberra.
- Matthews, L. J. 1983: *South African Proteaceae in New Zealand*. Matthews Publishing, N.Z. [Illustrations by Zoe Carter].
- Watson, E. M. 1987: *Bulbine*. Pp.236-241 in *Flora of Australia*. Vol.45. Australian Govt Pub. Service, Canberra.

