

REINSTATEMENT OF CALOTIS SUFFRUTICOSA Domin
(Compositae).

by

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In my revision of the genus *Calotis* R. Br. [Proc. Linn. Soc. N.S.W. 77: 171 1952] I concluded that *C. suffruticosa* Domin was conspecific with *C. lappulacea* Benth. and reduced it to synonymy. No type material was available in Australia and, from the original description, it seemed that the points of difference noted by Domin were insufficient to justify specific status.

Since then, however, specimens have come to hand collected not far from the type locality of *C. suffruticosa* which are undoubtedly this species and quite distinct from, although similar to, *C. lappulacea*.

C. suffruticosa Domin is accordingly removed from synonymy under *C. lappulacea* and reinstated as a good species.

The original description is reproduced below, translated from the Latin, together with supplementary notes and figures based on the recent material. I am indebted to Dr. Adair Dale of the Classics Department, University of New England, for this translation.

***C. suffruticosa* Domin in *Bibl. bot., Stuttgart* 89: 655 (1929).**

“A much-branched, erect sub-shrub about half a meter in height with a stem which is thick and woody at the base; the branches slender, erect, close together and almost twig-like, slightly hirsute or entirely glabrous, leafy. *Leaves* linear, flat, acute, slightly appressed, hirsute, entire or occasionally linear-cuneate, with acute teeth on both sides; the larger ones nearly 2 cm. long and 3 mm. broad. *Inflorescences* numerous, 1 cm. or more in diameter across the receptacle. *Involucre* campanulate, with many bracts which are narrow oblong-elliptical, very flat, smooth and at least 5 mm. long. *Fruits* muricate with two rigid, elongate, divergent bristles at least 3 mm. long, bearing short recurved spines; the apex of the fruit bears a ring of very short bristles about 0.5 mm. or a little more in length.

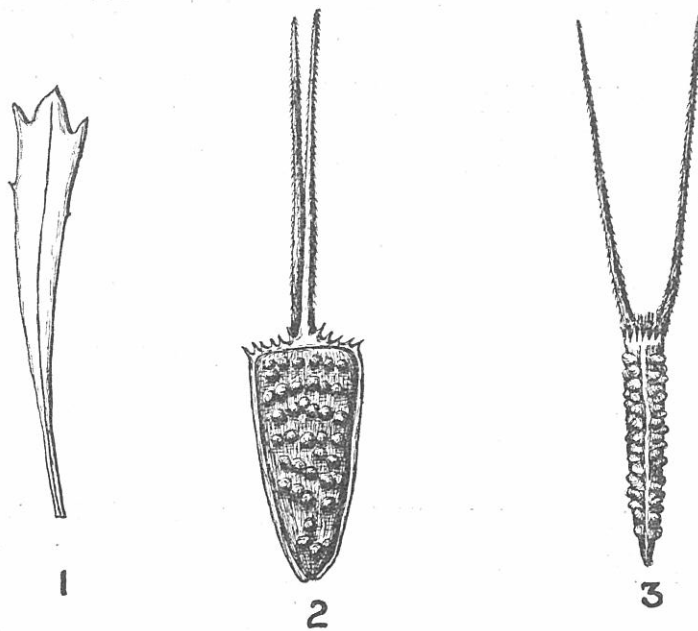
Queensland: Savannah woodland near Jericho (Domin III., 1929).

Related to *C. lappulacea* Benth. but differing in the involucre, the fact that the capitula are twice the size, and that the fruits bear two elongate awns and many short ones.”

Supplementary Notes.

Material: 12 miles south-east of Muttaborra on the Aramac-road, western Queensland, open grassy plains, flowers bright yellow to orange, 9.9.1956, N.T. Burbidge (CANB. 5521; BRI; MEL).

Cauline leaves sessile, acute; the lower leaves up to 5 cm. long, 1 cm. broad, linear-cuneate, acutely toothed distally, becoming entire and broad-linear higher up the stem. *Involucral bracts* obtuse, torn-ciliate. *Ray florets* numerous, in several rows, the rays 4.5 mm. long, 0.5 mm. broad. *Fruits* cuneate, flattened, light brown, finely tuberculate.



Calotis suffruticosa Domin.

1. Lower cauline leaf, $\times 1$.

2-3. Fruit. Outer and lateral surfaces, $\times 15$.