

5. **Lactuca setosa** Stebbins MS.; ex C. Jeffrey, sp. nov. *L. calophyllae* C. Jeffrey affinis, a qua caulibus foliosis, setulis capitulisque minoribus et flosculis brevioribus differt. (Fig. 2/5, p. 440; 5, p. 443.)

Herba erecta radice perenni incrassata; caules annuae, 1-3, foliosae, 45-90 cm. altae, sparse vel dense glanduloso-setulosae, setulis tenuis 0.5-1.5 mm. longis. *Folia* 4-9, quorum 1-3 radicalia, elliptica vel lanceolata obtusa vel acuta et apice ipse mucronata, margine sinuato-dentata, glabra vel subtus in nervis setosa, viridia, 4.5-14.0 cm. longa, 0.7-6.5 cm. lata, sessilia, radicalia basi attenuata, caulina subamplexicaulia superioribus gradatim decrescentibus. *Inflorescentiae* corymboso-paniculatae laxae vel contractae sed saepae tandem diffusae. *Capitula* solitaria pedicellata vel subsessilia in glomerulis parvulis lateralibus, demum laxiora, involucris cylindricis ad anthesin 7.5-10 mm. longis et 1.7-2 mm. latis. *Phyllaria* imbricata 3-seriata viridia glabra vel rarius glanduloso-setosa interioribus lanceolatis, exterioribus multo brevioribus. *Flosculorum* corolla flava circa 10 mm. longa, ligula 2 mm. lata, rami styli 1.2 mm. longi flavi. *Achenia* badia fusiformia 4.8-5.8 mm. longa, 1.0-1.2 mm. lata in lateribus tricostata costis marginibusque pilosis, apice haud vel vix rostrata, pappo albido 4.0-5.0 mm. longo coronata.

CONGO. Katuba, *Quarré* 3760.

TANGANYIKA. Mpanda District, Silkub Highlands, *Richards* 7160; Malonje Plateau, *Richards* 15884; Mbeya District, Mchembo Estate, *Richards* 13836; Kymbila, *Stolz* 508.

ZAMBIA. Kalambo Farm, Sunzu, *Richards* 4065; Iunte Dambo, 38 km. E. of Luwingu, *Robinson* 4298; Solwezi, *Fanshawe* 443; Ndola, *Fanshawe* 1747 (K, holotype!); Matonchi Farm, *Milne-Redhead* 1034; Kalenda Ridge, W. of Matonchi Farm, *Milne-Redhead* 2822; W. of Matonchi Farm, *Milne-Redhead* 3139.

MALAWI. Misuku Hills, *Richards* 10621.

6. **L. dumicola** (Hiern) S. Moore in Journ. Bot. 65, suppl. 2: 67 (1927); Mendonça in Contr. Conhec. Fl. Angola 1 Comp. 1: 150 (1943). Type: Angola, *Welwitsch* 3651 (BM, holotype!). (Fig. 2/6, p. 440.)

Crepis dumicola Hiern, Cat. Welw. Afr. Pl. 1, 3: 618 (1898).

ANGOLA. Cubango, P. Amélia, *Gossweiler* 2063; Huilla, Lopollo R., *Welwitsch* 3651.

7. **Lactuca ambacensis** (Hiern) C. Jeffrey, comb. nov. Type: Angola, *Welwitsch* 3663 (BM, holotype!). (Fig. 2/7, p. 440.)

Crepis ambacensis Hiern, Cat. Welw. Afr. Pl. 1, 3: 618 (1898); Mendonça in Contr. Conhec. Fl. Angola 1 Comp. 1: 149 (1943).

Lactuca tricostata De Wild. in Ann. Mus. Congo, sér. 5, 1: 88 (1904), **synon. nov.** Type: Congo, *Gillet* (BR, holotype!).

CONGO. Kisantu, *Gillet*.

ANGOLA. Malange, Mulangambe to N'Jollo road, *Gossweiler* 1187, 1188; Benguela, Gandato Caconda, *Hundt* 303; Lufunde R. plain, 36 km. S. of Maguelo do Zombo, *Stanton* 9; Ambaca, Puri Cacarambola, *Welwitsch* 3663.

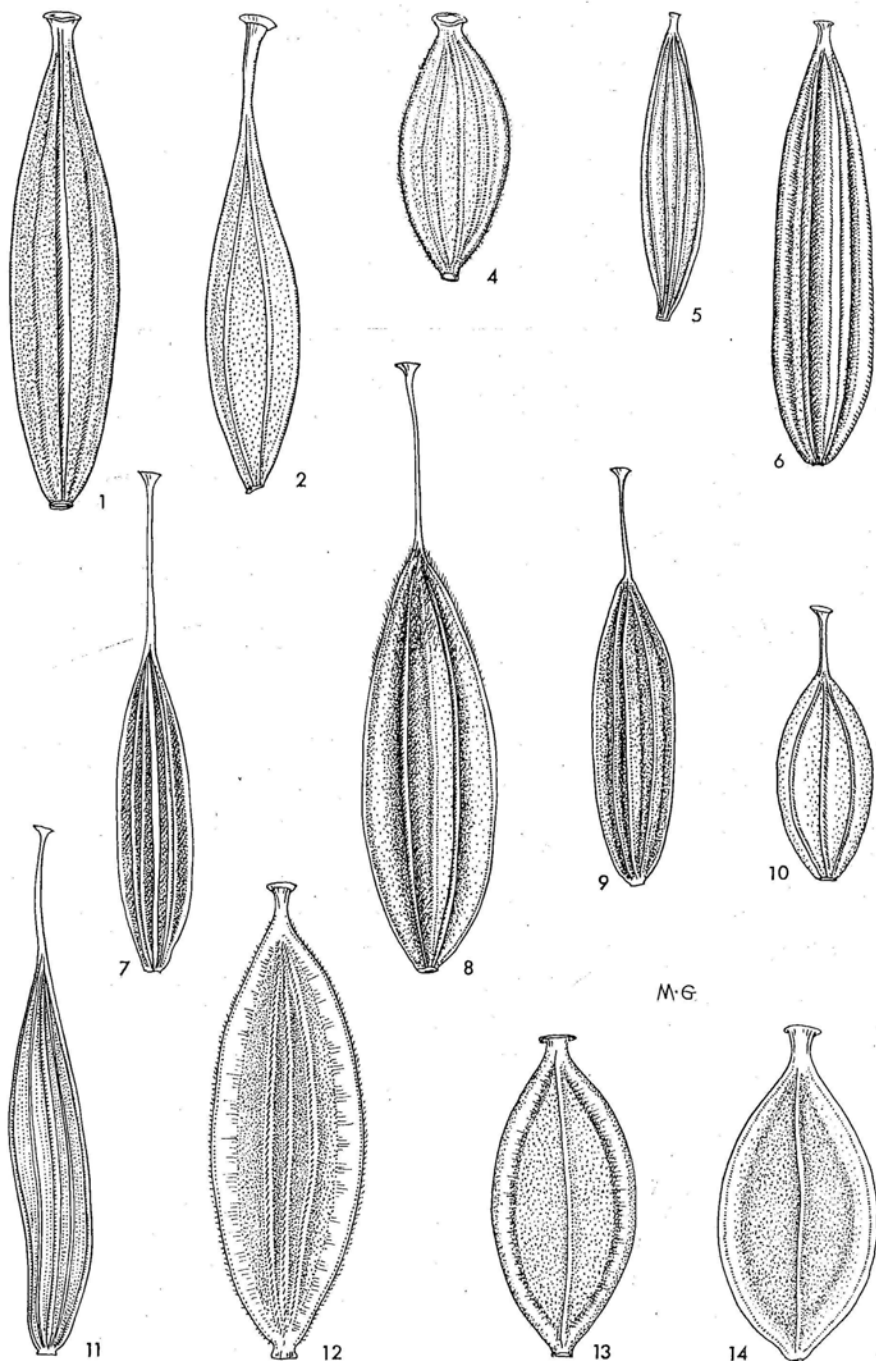


FIG. 2. Achenes of African *Lactuca*, $\times 8$; species numbered as in the text. 1, *L. tysonii*; 2, *L. lasiorhiza*; 3, *L. calophylla*; 4, *L. setosa*; 5, *L. dumicola*; 6, *L. ambacensis*; 7, *L. cichorioides*; 8, *L. ugandensis*; 9, *L. schulzeana*; 10, *L. praevia*; 11, *L. songeensis*; 12, *L. schweinfurthii*; 13, *L. longespicata*. 1 from Wood 1381, 2 from Robson & Angus 230, 3 from Kerfoot 3217, 4 from Fanshawe 443, 5 from Gossweiler 2063, 6 from Gossweiler 1188, 7 from Gossweiler 9940, 8 from Thomas 4476, 9 from Milne-Redhead 4144, 10 from Chevalier 20485, 11 from Milne-Redhead & Taylor 7965 A, 12 from Schweinfurth 4015, 13 from Richards 4694.

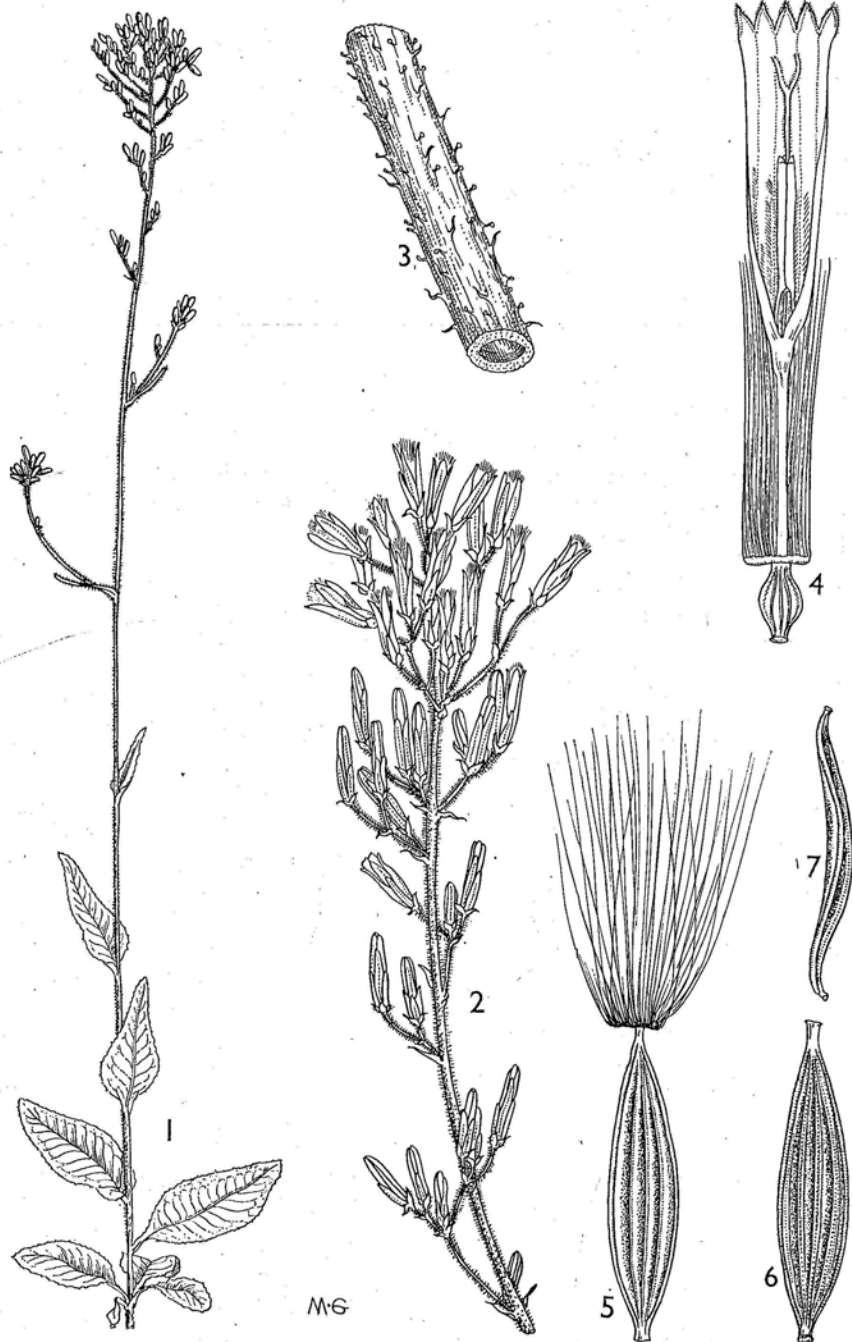


FIG. 5. *Lactuca setosa*. 1, habit, $\times \frac{1}{8}$; 2, part of inflorescence, $\times 1$; 3, part of inflorescence stem, showing glandular setae, $\times 2$; 4, floret, part of pappus removed, $\times 6$; 5, achene and pappus, $\times 8$; 6, achene, face view, $\times 8$; 7, achene, side view, $\times 7$. All from Fanshawe 1747.