

*Observation.* — This species is nearly as widespread as *L. glandulifera*, but is much more local in occurrence. Examination of the cotypha specimen in the Kew herbarium reveals that the leaflets of its larger leaves are pedicellate, so that it does not differ from var. *pedicello-foliolata* De Wild.

***Lactuca elgonensis* Stebbins, sp. nov.**

*Caulis* scandens 3.5-4 mm. crassa, glabra; folia 5-9 cm. longa, 3-3.5 cm. lata, pinnatifida, segmentis late deltoideis, margine minute ciliato-denticulatis, apice acutis vel acuminatis, terminali majori, ad basim sessilia, auriculata, subtus ad venas sparse hirsuta. *Inflorescentia* paniculata, cernua, pedunculi bracteati; involucria ad anthesin 11.5-13 mm., ad maturitatem 13.5-14 mm. longa, phylla imbricata, lanceolato-elliptica, obtusa, glabra; floscula 7-8, lutea (ex note collectoris); corollae 18-20 mm. longae, tubo ad apicem hirsuto; antherae 5.5 mm. longae; rami stigmatis 2.8-3 mm. longi. *Achaenia* (immatura) 6 mm. longa, compressa, minute scabridula, ca. 10-alata, rostrata, rostro 1-1.2 mm. longo, crasso; pappi setae albae, rigidae, 8.5 mm. longae.

*Stems* climbing, 3.5-4 mm. thick, glabrous; leaves 5-9 cm. long, 3-3.5 cm. broad, sessile and auriculate at the base, pinnatifid, the lobes broadly deltoid, minutely ciliate-denticulate, acute or acuminate, sparsely hirsute on the veins below. *Inflorescence* paniculate, nodding, the branches rather stout and divaricate, peduncles bracteate; involucries at anthesis 11.5-13 mm., at maturity 13.5-14 mm. long, their bracts imbricate, lanceolate-elliptic, broadly obtuse at the apex and with narrow but conspicuous scarious margins; florets 7-8; corollas yellow, 18-20 mm. long, apex of the tube hirsute; anthers 5.5 mm. long; style branches 2.8-3 mm. long. *Achenes* (including the beak) 6 mm. long, brownish yellow, somewhat compressed, minutely scabridulous, about 10-alate, the wings acute, unequal, the beak rather stout, 1-1.2 mm. long; pappus setae stiff, white, 8.5 mm. long.

UGANDA: Mt. Elgon, heath-zone, alt. 3,600 m., R. A. Dummer 3542 (Type, K.).

*Observation.* — This species resembles *L. stipulata* in its relatively large involucries and corollas, the stout beaks of its achenes, and the stiff pappus, but differs conspicuously in leaf shape, and in being stouter throughout, as well as in the more prominent alae and longer beak of its achenes. In both achene and leaf character

it is nearer to *L. glandulifera* and *L. paradoxa*, from which it differs conspicuously in its larger involucre with more numerous florets, much longer corollas and anthers, and stiffer pappus setae.

*Lactuca attenuata* Stebbins sp. nov. (Plate VIII, fig. f-j).

*Habitu* ad *L. stipulatam* similis; folia anguste lanceolata, 6-11 cm. longa et 0.8-1.2 cm. lata, ad apicem longe attenuata, pinnatifida, vel superiora integra, margine dentata, sessilia, ad basim auriculata, ad rhachidem et venas infra hirsuta. *Capitula* ad anthesin 8.5-12 mm., ad maturitatem 11.5-13.5 mm. longa; phylla imbricata, lanceolata, interiora acuta, exteriora obtusa, ad apicem sparse setosa; floscula 5, lutea (ex note collectoris); corollae 12-19 mm. longae, tubo ad apicem hirsuto; antherae 4-4.5 mm. longae; rami stigmatidis 2.2 mm. longi. *Achaenia* 4-4.5 mm. longa, valde obcompressa, rostro crasso 0.5-0.8 mm. longo; pappi setae 7-8.5 mm. longae, niveae, fragiles.

*In habit* similar to *L. stipulata*; leaves narrowly lanceolate long-attenuate at the apex, 6-11 cm. long and 0.8-1.2 cm. broad, pinnatifid with 1-2 pairs of reflexed, deltoid lobes, the uppermost entire, the margins mucronate-dentate, the base sessile and auriculate-clasping, the midrib and veins setose-pubescent beneath; inflorescence paniculate, the lower branches subtented by lanceolate-linear, entire, sessile leaves, the upper by ovate-lanceolate acute bracts; peduncles slender and flexuous. *Heads* at anthesis 8.5-12 mm. long, 11.5-13.5 mm. at maturity; involucre bracts imbricate, the inner 5, acute, lanceolate, the outer obtuse and more or less lanceolate-deltoid, all sparsely setose on the midrib with crisped trichomes, those on the inner bracts mostly toward the apex; florets 5; corollas yellow, 12-19 mm. long, the tube hirsute at the apex, somewhat exceeded by the ligule; anther tube 4-4.5 mm. long; style branches 2.2 mm. long. *Achenes* 4-4.5 mm. long, reddish brown, strongly flattened and 8-10-alate, the two lateral wings more prominent, minutely scabrous, abruptly contracted to the short (0.5-0.8 mm.) beak; pappus setae 7-8.5 mm. long, white, slender and fragile as in *L. glandulifera*.

Explanation of Plate VIII.

a-e, *Lactuca stipulata* Stebbins from type: a, leaf ( $\times 1/2$ ); b, inflorescence ( $\times 1/2$ ); c, flowering head ( $\times 2$ ); d, achene (immature,  $\times 6$ ); e, corolla ( $\times 3$ ). — f-j, *L. attenuata* Stebbins: f, leaf ( $\times 1/2$ ); g, inflorescence ( $\times 1/2$ ); h, flowering involucre ( $\times 2$ ), all from the type; i, achene ( $\times 6$ ), from Humbert 7742; j, corolla ( $\times 3$ ), from type. — k-o, *L. semibarbata* Stebbins, from type (magnifications as in the preceding).