

1. *P. abyssinica*, *Schultz Bip. in Flora* xxii. p. 20 (1839). Root-stock somewhat thickened. Stems nearly naked, 3–12 in. long, simple or sparingly branched, more or less hispid, at apex somewhat pubescent. Radical or subradical leaves oblanceolate, obtuse, narrowed towards base into a short petiole, distantly toothed, hispid on both sides, $1\frac{1}{2}$ –6 in. long; stem-leaves few, mostly linear, smaller. Capitula $\frac{2}{3}$ – $\frac{3}{4}$ in. long in flower, $\frac{1}{2}$ in. long in fruit, on long peduncles or pedicels, solitary or in a very lax paniculate cyme. Involucral bracts puberulous and along the mid-line of the back hispid; the outermost short. Achenes $\frac{1}{8}$ – $\frac{1}{5}$ in. long, striate-costate longitudinally, obscurely ridged transversely, not tapering at the apex into a beak. Pappus about $\frac{1}{4}$ in. long, alike on all the achenes.—*Schultz Bip. in Mus. Senckenb.* iii. p. 58; *A. Rich. Fl. Abyss.* i. p. 460.

Nile Land. Abyssinia, *Schimper!*
Abyssinian name "Zeedit" or "Zatett."

111. CREPIS, Linn.; Benth. et Hook. f. Gen. Pl. ii. p. 513.

Capitula homogamous; florets all ligulate. Involucre campanulate or at first tubular-campanulate; inner bracts 1-seriate subequal more or less setulose or carinate on the back; outer bracts shorter lax. Receptacle naked or shortly fimbriiferous. Achenes subterete or obtusely angular, costate, narrowed above into a beak; pappus finely setose, copious, simple.—Herbs with radical or alternate often amplexicaul cauline leaves and solitary or variously cymose capitula.

A considerable genus, chiefly of the Northern Hemisphere.

Inner involucral bracts after flowering with a thickened keel at the base.

Inner involucral bracts about 13. Pappus somewhat sordid.

Perennial.

Stems tall, rigid, scabrid, leafy 1. *C. Schultzii*.

Stems slender, weak, hispidulous, with few leaves.

Radical leaves petiolate 2. *C. carbonaria*.

Radical leaves attenuate to the sessile base 3. *C. Newii*.

Annual 4. *C. Schimperii*.

Inner involucral bracts 8. Pappus white or nearly so 5. *C. Ruppellii*.

Inner involucral bracts unchanged after flowering.

Inner involucral bracts 13; midrib pale 6. *C. achyrophoroides*.

Inner involucral bracts 8; midrib black 7. *C. Hookeriana*.

Crepis nivalis, *Schultz Bip. ex Schweinf. et Aschers. Enum.* p. 284, name only, from Abyssinia, and *Brachyderaea xylorrhiza*, *Schultz Bip. l. c.*, p. 283, name only, also from Abyssinia, are unknown to us.

1. *C. Schultzii*, *Hochst. in Herb. Schimp.* ii. n. 861. Erect scabrous herb, 3–4 ft. high, often branched at the base. Stems simple below, angular, hispid-scabrous. Leaves oval-oblong or the upper ones lanceolate, obtuse or subacute, mucronate, denticulate, hispidulous, ranging up to 12 by 2 in.; the radical ones attenuate at the base, subpetiolate; the stem-leaves broad at the base, sessile, semi-amplexicaul.

Capitula about $\frac{1}{2}$ in. long, on pedicels ranging up to 1 in., in rather dense cymes. Inner involucrel bracts about 13, lanceolate, hispid with black and green hairs; outer bracts narrow, shorter. Achenes $\frac{1}{4}$ in. long, costate, attenuate at apex into a beak. Pappus $\frac{1}{4}$ in. long, sordid.—*Barkhausia Schultzii*, Hochst. l. c.; A. Rich. Fl. Abyss. i. p. 464; *Brachydercea Schultzii*, Schultz Bip. in Schweinf. Fl. Æthiop. p. 283.

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2. **C. carbonaria**, *Schultz Bip. in Flora* xxii. 19 (1839), *et in Mus. Senckenb.* iii. 54 (1839). Slender shining puberulous perennial herb, 6–15 in. high. Radical leaves numerous, diffuse, obtuse, apiculate, runcinately toothed or pinnatifid, membranous, on petioles of $\frac{1}{2}$ –4 in., altogether about double as long, terminal lobe $\frac{1}{6}$ – $1\frac{1}{2}$ in. wide, the other lobes small; stem-leaves very few, narrower. Capitula $\frac{1}{2}$ – $\frac{3}{8}$ in. long, solitary or few together, pedunculate. Inner involucrel bracts 13, linear-lanceolate, subobtuse, thinly tomentose and hispid with black hairs; outer bracts smaller. Achenes about $\frac{1}{4}$ in. long, attenuate at apex into a slender beak. Pappus subsordid, $\frac{1}{6}$ in. long.—*Barkhausia carbonaria*, A. Rich. Fl. Abyss. i. p. 465; *C. tenerrima*, Schultz Bip. in Herb. Schimp. Abyss. ii. n. 677; *B. tenerrima*, A. Rich. Fl. Abyss. i. p. 464; *Brachydercea carbonaria* and *B. tenerrima*, Schultz Bip. in Schweinf. Fl. Æthiop. p. 283.

Nile Land. Abyssinia, alt. 10,500 ft., *Schimper!*

3. **C. Newii**, *O. & H.* Perennial. Rootstock thick. Flowering stems scabrous-hispid and puberulous, nearly leafless above the base, about $1\frac{1}{2}$ ft. high. Radical leaves obovate, cuspidate, dentate with acute backward teeth, attenuate to the sessile base, hispid especially on the midrib on both sides, 3–4 in. long, about 1 in. wide. Capitula $\frac{1}{2}$ – $\frac{3}{8}$ in. long, on pedicels of $1\frac{1}{2}$ –3 in. long, about 5 in a lax corymbose cyme. Inner involucrel bracts 13, linear-lanceolate, obtuse, shortly pubescent and sparingly hispid along the back; outer bracts smaller. Pappus subsordid, $\frac{5}{16}$ in. long.

Mozamb. Distr. Kilima-njaro? *Rev. C. New!*

4. **C. Schimperii**, *Schultz Bip. in Herb. Schimp. Abyss.* i. n. 295. Hispid annual, simple or branched from the base, 3–15 in. high. Leaves oval or oblong, pinnatifid or dentate, hispid, obtuse or acute, ranging up to $3\frac{1}{2}$ by $1\frac{1}{4}$ in.; the radical ones several, attenuate at base into a short petiole; the stem-leaves fewer; the upper ones sessile, amplexicaul. Capitula $\frac{1}{2}$ – $\frac{3}{4}$ in. long, on pedicels of $\frac{1}{3}$ – $4\frac{1}{2}$ in., in a lax open cyme. Inner involucrel bracts 13, lanceolate, with strongly hispid keel and puberulous; outer bracts shorter. Achenes $\frac{3}{8}$ – $\frac{2}{5}$ in. long, attenuate at apex into a beak; pappus $\frac{1}{4}$ in. long, subsordid.—*Schultz Bip. in Schweinf. Fl. Æthiop.* p. 144; *Barkhausia Schimperii*, Schultz Bip. l. c.; A. Rich. Fl. Abyss. i. p. 446; ? *Homalocline Schimperii*, Schultz Bip. in Schweinf. et Aschers. Enum. p. 285.

Nile Land. Abyssinia, *Schimper!* 5,700–9,300 ft. alt., *Q. Dillon, Petit.*