

Two new *Taraxacum* species

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The author describes two new species of *Taraxacum*: *T. leucosquameum* Sonck (of sect. *Vulgaria* or *Ruderalia*) from Luxembourg and *T. carbocapillum* Sonck (of unknown affinity) from Philadelphia, U.S.A. The species are illustrated in black and white photographs.

Key words: Luxembourg, new species, Philadelphia, *Taraxacum*, taxonomy

***Taraxacum leucosquameum* Sonck, sp. nova**
(Fig. 1)

Planta sat alta et robusta. Folia lucide gramineo-vel prasino-viridia, paulo araneosa, oblongo-lanceolata, ca. 20 cm longa, media pars ca. 4 cm lata, acuta, apicem versus fusiforme acuminata, petiolis subangustis–subalatis, pallidis vel levissime roseo-coloratis, nervis medianis pallidis vel brunnescenti-stramineis. Lobi laterales foliorum exteriorum (utrinque 4–5) ± distantés, deltoidei vel subhamati et unguilati, acuti, subpatentes–vulgo leviter reversi, integri. Interlobia plerumque bene evoluta, ca. 4–5 mm lata, ad 10 mm longa, anguste, atrimarginata et dentibus (1–2) acutis, sat longis, saepe curvatis praedita. Lobus terminalis mediocris, ca. 3 cm longus, hastato-vel sagittato-cordatus, acutus, supra lobulos basales constrictus et saepe dupliciter incisus, supra incisuram margine valde rotundato. Lobuli basales acuti, ± retroversi. Lobi laterales foliorum intermediorum anguste deltoidei, saepe ± retroversi, praesertim inferiores vulgo in margine superiore basin versus tenuiter et acute dentati. Scapi palli-

di, sat robusti, erecti, araneosi, floriferi foliis superantes. Involucrum lutescenti-viride, mediocriter longum (ca. 15–18 mm), basi ovato-truncata. Squamae exteriores laxe reflexae, 3–4.5 mm latae, 12–15 mm longae, supra lutescenti-albidae, immarginatae. Squamae interiores lutescenti-viridae (apices nigrescentes et albo-araneosae), non corniculatae. Ligulae marginales subtus stria cano-violacea notatae, dentibus ligularum rubro-violeceis. Stylus luteus, stigmata levissime virescentia. Antherae polliniferae. Achenium ignotum.

Holotype: Luxembourg, Rossmühle, roadside, ca. 4 km from Heinerscheid, 17.V.1970 C. E. Sonck s. n. (H).

This species seems to be closely related to *Taraxacum robustisquameum* Rail., which Artturi Railonsala collected in 1958 at an ancient German army camping place near Kaskö, Finland. The outer involucral bracts of *T. leucosquameum* do not differ much from those of *T. robustisquameum*, but the endlobes are different. *Taraxacum robustisquameum* has more regular sagittate-triangular endlobes without the rounded margins encountered in *T. leucosquameum*.



Fig. 1. Holotype of *Taraxacum leucosquameum* Sonck. Photo C. E. Sonck.

***Taraxacum carbocapillum* Sonck, sp. nova**
(Fig. 2)

Planta parva–mediocris, 10–20 cm alta. Folia subolivaceo-gramineoviridia, linearia–anguste lanceolata, glabra, sat numerosa (17–35), petiolis angustis, breviusculis, pallidis cum nervo mediano pallido. Lobi laterales peracuti, deltoidei–sublineares, patentes, integri, ±dentiformes, ca. 5–8 mm longi. Lobus terminalis sagittato-hastatus, acutus, ad 20 mm longus, ca. 4 mm latus, utrimque dentatus. Interlobia bene evoluta, ad 10 mm longa, 1.5–2 mm lata. Scapi pallidi, glabri, sat numerosi, floriferi folia superantes. Involucrum parvum, fere fuligo-coloratum. Squamae exteriores obscure olivaceo-virides, reversae, 7 mm longae, 1.5–2 mm latae, inconspicue marginatae. Squamae interio-



Fig. 2. *Taraxacum carbocapillum* Sonck. Photo C. E. Sonck.

res non-corniculatae. Calathium parvum, paulo radians, pallide luteum. Ligulae marginales subtus stria cano-violacea notatae. Antherae polline carentes. Stigmata leviter obscura. Achenium ignotum. Sectio ignota.

Holotype: U.S.A. Pennsylvania, Philadelphia, unbuilt campus near the Derm. Clinic, 14.V.1950 C. E. Sonck (H).

I have so far not been able to compare this peculiar species with any other known species.

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