

subtendentia ovato-lanceolata, virescentia, 8-9 mm longa, 3.5 mm lata. *Capitula* c. 5 mm longa, 4.5 mm lata, globoso-ovoidea, superne valde angustata, virescenti-alba, 10-16 in glomerulos 10-15 mm latos conferta. *Paleae* medianae 3-4 mm longae, 1.3-1.5 mm latae, sub anthesi conduplicatae, ad basin manifeste saccatae, achenium occultantes, deinde patenter stellatae, lanatae cuspede glabra hyalina 0.2 mm longa exclusa; pars centralis (discus) receptaculi minuta, solum 4-5 floribus provisa. *Flores* exteriores femini 7-8 in paleis conduplicatis; flores interiores 0-2 femini, 2.7 mm; flores centrales c. 4 hermaphroditi, 2-2.5 mm. *Achenia* 0.9-1 mm longa, olivacea vel pallide brunnea, ea disci receptaculi sparsim papillosa. *Pappus* c. 2 mm longus. *Floret* Mai-Jul. Dry open places, hillsides, pastures, 500-1800 m. Turkey. B7 Diyarbakir: Maden to Ergani, 1000 m, *Davis* 29066. C6 Adana: between Karakilisse and Guyuk Sou (Göksu), 10 vii 1906, *B. Post.* C7 Urfa: Nimrud Da., *Sintenis* 1888:797. C10 Hakkari: 32 km from Yüksekova to Şemdinli, 1750 m, meadows, 15 vi 1966, *Davis* 45080 (holo. E); Zap river, 2 km below Yüksekova turning, *Trelawny* 1321. Palestine. Woods above 'Ain Fit, 500 m, *Meyers & Dinsmore* 1784.

As a latin description from Dr Holub has not been forthcoming in time for publication, the above is with slight modifications a latinization of his English description submitted for the *Flora of Turkey*.

Picris

H.-W. LACK*

Picris cyprica Lack, sp. nov.

Differt a *P. pauciflora* Willd. pedunculis infra capitulum non constrictis, acheniis minoribus, sculptura acheniorum dissimili; differt a *P. integrifolia* Desf. acheniis minoribus, characteribus indumenti (pili ancoriformes tri- et quadri-hamati absentes), forma et sculptura acheniorum dissimili.

Annua, 10-70 cm alta. *Indumentum* ex pilis ancoriformibus bihamatis consistens. *Caules* erecti vel ascendentes, raro decumbentes, a basi pauci- vel multi-ramosi, hispidi. *Folia basalia* florendi tempore iam desiccata, 2-10 cm × 5-20 mm, anguste oblonga vel obovata, integra vel sinuata, utrinque hispida. *Folia caulina* inferiora similia, sed minora, folia superiora minuta, integra, anguste obovata, indumentum subtile densius. *Pedunculi* in statu florescentiae semper graciles, in statu fructificationis interdum incrassati, infra capitulum non constricti, hispidi vel hispidissimi. *Involucrum* 6-10 mm longum, 6-10 mm latum (fructifer 8-11 mm latum). *Ligulae* involucri duplo longiores. *Phyllaria exteriora* squamiformia, interiora 6-10 × 2-3 mm, e basi ovata in apicem angustata, margine membranaceo, praesertim secus nervum medianum prominentem et dilatatum hispidissima. *Receptaculum* laeve. *Capitulum* homocarpum. *Achenia* 2-3.5 mm longa, castanea, fusiformes, semper valde curvata, transverse rugosa, hilum et apex minusculus. *Pappus* plumosus, achenio duplo vel triplo longior, facillime annulatum deciduus. Turkey. C3 Antalya: between Belek and Serik, *Tengwall* 563 (K); Manavgat, Manavgat-Akseki, 22 km nach Manavgat, *Huber-Morath* 17797; Antalya, Alanya-Gazipaşa, am Meer, 26 km östlich Alanya, bei Keşerly Köy, *Huber-*

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Morath 10055. C4 İçel: near Anamur, 1872, *Péronin* 48 (holo. PRC; iso. BM, K, P). Cyprus. In M. Pentedactylos, 1880, *Sintenis & Rigo* 292 (BR p.p., W). Cap St. André, *Sintenis & Rigo* 292 (K, P). Ad pagum Prodromo, 1862, *Kotschy* 728 (W). Lisso, *Haradjian* 895 (K). Kyrenia range, 9 miles W end of forest road, *Atherton* 140 (K). Above Kyrenia pass, *Casey* 1312 (K). Limassol, collines de Polemidia, *Deflers* 705, MPU.

Tanacetum

A. J. C. GRIERSON

Tanacetum argenteum (Lam.) Willd. subsp. **canum** (C. Koch) Grierson, **comb. et stat. nov.**

Syn.: *Hemipappus canus* C. Koch in *Linnaea* 24:341 (1851).

T. argenteum subsp. **canum** var. **pumilum** Grierson, var. **nov.** a varietate typica ramis caudicium brevibus, densius caespitosis, pedunculis 2-6(-20) cm altis, capitula 1-5(-10) ferentibus differt.

Turkey. C3 Antalya: d. Gebiz, Bozburun Da., 2100 m, *Davis & Karamanoğlu*, *D.* 15682 (holo. E); d. Gebiz, Bozburun Da. at Tozlu Cukur Yayla, 1900 m, *D.* 15529; *ibid.*, *D.* 15589.

Another specimen, *D.* 14134 (C3 Antalya, Takhtali Da., 2200-2300 m) with stems 10-20 cm tall and 3-10 capitula in each corymb is possibly intermediate between this variety and var. *canum*.

Tanacetum chiliophyllum (Fisch. & Mey.) Schultz Bip. var. **monocephalum** Grierson, var. **nov.** a varietate typica foliis angustioribus, ambitu 1-1.75 cm latis, capitulis solitariis vel paucis (usque ad 3) differt.

Turkey. B8 Van: 24 km from Gürpınar (Havasar) to Hoşap, 2000 m, *Davis* 44703 (holo. E). B9 Van: Başkale, Ispiriz Da., 3200 m, *D.* 23771. B10 Van: Özalp to Saray, 2250 m, *D.* 44295; Ağrı: 3 km E of Doğubayazıt, 1750 m, *D.* 43914.

This variety has been confused with *T. uniflorum*, a taller, more robust plant, the leaves of which have fewer and more distant primary segments and acute secondary ones (those of var. *monocephalum* are quite obtuse). The capitula of *T. uniflorum* are larger (c. 1 cm diam.) and have longer ligules (0.75-1 cm long).

II: NEW COMBINATIONS AND NAMES

Achillea aleppica DC. subsp. **densa** (Blakelock) Hub.-Mor., **comb. et stat. nov.**
Syn.: *Achillea densa* Blakelock in *Kew Bull.* 1949:41 (1950).

A. aleppica DC. subsp. **zederbaueri** (Hayek) Hub.-Mor., **comb. et stat. nov.**
Syn.: *Achillea zederbaueri* Hayek apud Penther & Zederbauer in *Ann. Nat. Hofmus. Wien* 20:423 (1907).

A. nobilis L. subsp. **densissima** (O. Schwarz ex Bässler) Hub.-Mor., **comb. et stat. nov.**

Syn.: *Achillea densissima* O. Schwarz ex Bässler in *Feddes Rep.* 68:151 (1963).