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Med-Checklist Notulae, 16**Abstract**

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Continuing a series of miscellaneous contributions, by various authors, where hitherto unpublished data relevant to the Med-Checklist project are presented, this instalment deals with new or confirmed area records for taxa belonging to the families *Azollaceae*; *Compositae*; *Cruciferae*; *Leguminosae*; *Malvaceae*; *Resedaceae*; *Rosaceae*; *Rubiaceae*; *Scrophulariaceae*; *Umbelliferae*; *Urticaceae*; and *Gramineae*.

Notice

For explanation see the introduction and list of geographical symbols in Willdenowia 10: 13–15. 1980, and the definition of the status symbols in Willdenowia 11: 23. 1981. The previous instalment was published in Willdenowia 19: 27–48. 1989.

Note

Voir, pour explication, l'introduction et la liste des sigles géographiques dans Willdenowia 10: 227–229. 1980, ainsi que la définition des symboles désignant le statut des taxons dans Willdenowia 11: 24. 1981. Le numéro précédent des "Notulae" a paru dans Willdenowia 19: 27–48. 1989.

Azollaceae***Azolla filiculoides* Lam.**

P Eg: Egypt: Nile delta, Lake Edku E of Alexandria, 20. 10. 1989, *El-Fiky* (B, LD; det. Snogerup). – The first record from Egypt of this rapidly spreading xenophyte.

A. El-Fiky

*Compositae**Ambrosia tenuifolia* Benth.

- A IJ:** Israel: Sharon Plain, near Hadera, roadside in muddy soil, 27. 12. 1991, *Danin* (HUJ). – No previous records of this South American weed are known from Israel.
A. Danin

Anthemis ruthenica M. Bieb.

- + Gr:** Greece: Nomos of Rodopi, Eparchia of Komotini, 3 km E of Iasmos (40°08'15''N/25°13' E), banks of the Kompsatos river, alt. 40 m, 6. 9. 1989, *Raus & Schiers 14002* (B). – The occurrence of this species in Greece was queried by Fernandes (in Tutin & al., *Fl. Eur.* 4: 153. 1976).
Th. Raus

Conyzanthus graminifolius (Spreng.) Tamamsch.

- N RK:** S Crimea: Cultivated in Klatovy (Bohemia) from seed collected in the outskirts of Yalta, roadside near Hotel Yalta, on 25. 11. 1982, dried 14. 9. 1988, *Král 4750* (PRC; det. Lack). – This xenophyte of South American origin has been observed in several localities in and around Yalta and seems to be fully naturalized there.
M. Král

Conyzanthus squamatus (Spreng.) Tamamsch.

- N Tu:** Turkey: European side of Istanbul, A. *Baytop* (ISTE No. 62532; det. Wagenitz; and two further specimens). – *Aster squamatus* (Spreng.) Hieron. was not mentioned for Turkey-in-Europe by Yeo (in Tutin & al., *Fl. Eur.* 4: 115. 1976) nor by Davis & al. (*Fl. Turkey* 10: 161. 1988). This xenophyte of S American origin seems to be quite widespread in the city of Istanbul.
A. Baytop

Galinsoga parviflora Cav.

- P Tu:** Turkey A 1 (E): Kırklareli, Pınarhisar, alt. 200 m, 1. 8. 1990, A. *Baytop* (ISTE No. 62403). – The specimen was collected in an orchard, adjacent to a vegetable garden, in a shady place and on wet soil. Not previously recorded from Turkey-in-Europe.
A. Baytop

Senecio sylvaticus L.

- + Tu:** Turkey A 2 (E): Istanbul, km 9 from Binkılıç to Çilingöz, in a forest clearing, alt. 350 m, 4. 7. 1974, A. *Baytop* (ISTE No. 30188). – The species was cited in Davis (*Fl. Turkey* 5: 168. 1975) among the taxa doubtfully recorded, but is now a definite member of the Turkish flora.
A. Baytop

*Cruciferae**Draba lacaitae* Boiss.

- + **Al:** N Albania: Distr. Šala, Kakinja area, summit of the Maja Drenit, alt. 2140 m, 17. 6. 1916, *Dörfler* 232 (B!), as "*Draba scardica*"; rev. D. Lakušić). – Not mentioned for Albania in Greuter & al. (Med-Checklist, 2: 98. 1986). The re-determined collection had been erroneously recorded as *D. scardica* (Griseb.) Degen & Dörfl. by Hayek (in Akad. Wiss. Wien, Math.-Naturwiss. Kl., Denkschr. 99: 130. 1924), and the corresponding exsiccatum was so labelled by Dörfler ("Reisen in Nord-Albanien 1916 und 1918", No. 232). The present area record confirms a previous Albanian one of the synonymous *D. lacaitae* var. *albanica* Jáv. & Kümmerle, not checked by us, hidden in the "Addenda et corrigenda" of Hayek's *Prodromus* (in Repert. Spec. Nov. Regni Veg. Beih. 30(1): 1085. 1927). D. Lakušić & Th. Raus

*Leguminosae**Amorpha fruticosa* L.

- N Gr:** Greece: Nomos and Eparchia of Thessaloniki, 3 km SE of Jefira (40°43'N / 22°40'10"E), E bank of the river Axios, alt. 10 m, 2. 9. 1989, *Raus & Schiers* 13768 (B); Nomos of Serres, Eparchia of Fillis, 2 km SW of Amfipolis (40°48'30"N / 23°50'E), E bank of the river Strimon, alt. 5 m, 7. 9. 1989, *Raus obs.*; Nomos and Eparchia of Xanthi, 1 km W of Kirnos (40°59'N / 24°45'30"E), eastern bank of the river Nestos, alt. 10 m, 2. 10. 1992, *Raus & Schiers* 19595 (B); Nomos of Evros, Eparchia of Orestias, Dikea (41°42'30"N / 26°18'E), S bank of the river Evros, alt. 55 m, 9. 5. 1991, *Raus & Schiers* 17251 (B). – This xenophyte of North American origin was previously not mentioned for Greece (see Greuter & al., Med-Checklist 4: 6. 1989) but is in fact fully naturalized in riverside habitats of N Greece. Th. Raus

*Malvaceae**Malva neglecta* Wallr.

- + **Cr:** Greece, Crete: Nomos and Eparchia of Lasithi, Omalos, alt. 1000 m, 8. 5. 1990, *Hügin* 6897 (B, herb. Hügin). – Not previously recorded from the Cretan area. G. Hügin

*Resedaceae**Reseda aucheri* subsp. *rotundifolia* (Müll. Arg.) Rech. f.

- + **An:** Turkey C 8: Mardin, Hasankeyf, on rocks, 1. 10. 1988, *T. Baytop* (ISTE No. 59887). – The species as a whole is new to the Med-Checklist area. It was known from Iraq, Iran, Afghanistan, and W Pakistan (Rechinger, Fl. Iran. 149: 9. 1982), and the E Anatolian locality cited above is its westernmost outpost. The specimen has obovate to widely spatulate, apically rounded leaves and long, very dense inflorescences, and thus belongs to *Reseda aucheri* subsp. *rotundifolia* (see Rechinger, Fl. Iran. 149: tab. 8. 1982). A. Baytop

*Rosaceae**Aphanes inexpectata* Lippert

- + Lu: Portugal: Minho, Melgaço, S. Gregório (MA No. 56221); Douro litoral, Porto, monte da Viuva Cunha (MA No. 56179); Beira litoral, Pampilhosa (MA No. 56220); idem, Tábua (MA No. 386954); Beira baixa, Covilã (MA No. 56182); idem, entre Castelo Branco et Idanha (MA No. 299166); Alto Alentejo, Nisa, N. S^a da Graça (MA No. 299169); idem, Sousel (MA No. 299170); idem, Serra de S. Mamede (MA No. 299168). – Espèce très répandue au Portugal, ce dont témoignent les nombreux échantillons de l'herbier à Madrid cités ci-dessus. Nous l'avons jadis signalée les premiers pour l'Espagne (Aedo & al. in *Anales Jard. Bot. Madrid* 42: 202. 1985) dans une note ignorée par Carrasco & Monge (in *Candollea* 46: 101–110. 1991). Ces derniers auteurs ont largement confondu, dans leur travail, les *Aphanes inexpectata* (qu'ils ne signalent que du Pays Basque mais qui en réalité prédomine dans le nord, centre et ouest de la Péninsule Ibérique) et *A. microcarpa* Boiss., espèce méridionale non encore signalée du Portugal. C. Aedo & M. Laínz.

*Rubiaceae**Galium spurium* L.

- + Cr: Greece, Crete: Nomos of Iraklio, Eparchia of Kenourgio, Ieropotamos plain, Platanos, abandoned garden, alt. c. 100 m, 4. 5. 1990, *Hügin* 6768 (B. herb. Hügin). – Previously considered a doubtful member of the Cretan flora (see Turland & al., *Fl. Cretan Area*: 139. 1993). G. Hügin

*Scrophulariaceae**Cymbalaria muralis* P. Gaertn. & al. subsp. *muralis*

- N Tu: Turkey A 1 (E): Edirne, Kaleiçi, 5. 10. 1989, *Dane* (ISTE No. 61204); A 2 (E): Tekirdağ, Gümlüşyaka, 20.5.1989, A. Baytop (ISTE No. 60268). – This species is not given for European Turkey by either Webb (in Tutin & al., *Fl. Eur.* 3: 237. 1972) or Davis & al. (*Fl. Turkey* 10: 195. 1988). The cited specimens, substantiating its presence there, are of plants that were naturalized on old walls. A. Baytop

Verbascum adrianopolitanum Podp.

- + Gr: Greece: Nomos of Evros, Eparchia of Didimotichon, SW of Mega Derio, E side of Mt Sapka, (41°11'N / 25°56'E), by a forest road, on siliceous rock, alt. 850 m, 2. 8. 1994, *Raus & al.* 21662 (B). – Previously considered as doubtfully present in Greece (Ferguson in Tutin & al., *Fl. Eur.* 3: 208. 1972). Th. Raus

*Umbelliferae**Anthriscus nitida* (Wahlenb.) Garcke

- + Gr: Greece: Nomos of Kastoria, Chrisi, alt. 1050 m, 17. 5. 1990, *Hügin* 6953 (B. herb. Hügin). – Not recorded from Greece by Cannon (in Tutin & al., *Fl. Eur.* 2: 326. 1968). G. Hügin

Apium leptophyllum (Pers.) Benth.

A IJ: Israel: Judean Mts, Jerusalem, on irrigated lawn, 24. 5. 1990, *Danin* (B, E, HUJ). – A new record for SW Asia. *Apium leptophyllum* is a 5–8 cm tall annual, with 0.5 mm long petals and 1.5–2 mm long glabrous fruits. It is probably of C American provenance, and is known as a weed from Australia, Africa, N & S America, Madeira and Portugal.

A. Danin & J. Lamond

Sison amomum L.

+ RK: S Crimea: Yalta, local but abundant in the Massandrovskij park, 6. 12. 1982, *Král* 4755 (PRC). – The herb layer in the Massandra park, near Yalta, being largely autochthonous, it is likely that *Sison amomum* occurs there as an indigenous plant.

M. Král

Sium latifolium L.

+ Cr: Greece, Crete: Nomos of Lasithi, Eparchia of Sitia, Ano Zakros, along ditches E of the village, alt. c. 250 m, 9. 4. 1990, *Buttler obs.* – Not previously recorded from the Cretan area.

K. P. Buttler

Urticaceae

Parietaria officinalis L.

+ Tu: Turkey A 1 (E): Edirne, Edirne to Karağaç, forest, alt. 40 m, 16. 6. 1978, *A. Baytop* (ISTE No. 22473); Kırklareli, Pınarhisar, shady place, alt. 200 m, 1. 8. 1990, *A. Baytop* (ISTE No. 62400). – This species, while cited for European Turkey by Ball (in Tutin & al., *Fl. Eur.* 1: 69. 1964), is not recorded for this part of Turkey by Townsend (in Davis, *Fl. Turkey* 7: 637. 1982). The two cited specimens, however, confirm its presence there.

A. Baytop

Gramineae

Aegilops comosa Sm. subsp. *comosa*

+ Cy: Cyprus, distr. Paphos, Coral Bay c. 13 km NW of Paphos, open disturbed area near the coast, 21. 5. 1988, *Lange 4188* (FR, STU, herb. Lange). – This species was hitherto known only from Greece, W and NW Turkey. Both glumes of the uppermost spikelet are 3-awned. The central awn is 45–60 mm long, much longer and broader than the lateral ones which are only 6–18 mm long.

D. Lange

Brachiaria texana (Buckley) S. T. Blake

A IJ: Israel: N Negev, Ofaqim, a weed in flower beds, near a leaking pipe, loess soil, 21. 10. 1989, *Danin* (HUJ). – A xenophyte new to the *Flora palaestina* area.

A. Danin & T. Cope

Chloris pycnothrix Trin.

A IJ: Israel: Philistean plain, Bet Qama, a weed in flower beds, near a leaking pipe, loess soil, 21. 10. 1989, *Danin* (HUJ); ditto, Ashdod, on irrigated lawn, sandy loam, 22. 10. 1989, *Danin* (HUJ). – A xenophyte new to the *Flora palaestina* area.

A. Danin & T. Cope

Gaudiniopsis macra (M. Bieb.) Eig

+ Gr: Greece: Nomos of Arkadia, Eparchia of Kinouria, Parnon Mts near Vlisidia, 29. 6. 1986, *Lange 3074* (herb. Lange); ditto, Eparchia of Mantinia, c. 4 km N of Tripolis, 1. 7. 1986, *Lange 3080* (herb. Lange). – According to Eig (in *Repert. Spec. Nov. Regni Veg.* 26: 77–79. 1929), there is no record of this species or even genus W of Asia Minor. However, Halácsy (*Consp. Fl. Graec.* 3: 374. 1904) had cited a Greek specimen collected by Saint-Lager in the Taygetos Mts near Koumousta in 1900. These conflicting statements may have induced Tutin (in Tutin & al., *Fl. Eur.* 5: 217. 1980) to qualify the occurrence of *Gaudiniopsis macra* in Greece as doubtful.

D. Lange

Hordeum murinum subsp. *glaucum* (Steud.) Tsvelev

+ Cr: Greece, Crete: Nomos of Iraklio, Eparchia of Kenourgio, Ieropotamos plain, Platanos, alt. c. 100 m, 4. 5. 1990, *Hügin 6940* (B, herb. Hügin; det. H. Scholz). – This taxon was previously considered a doubtful member of the Cretan flora (Turland & al., *Fl. Cretan Area*: 170. 1993, as *Hordeum leporinum* subsp. *glaucum* (Steud.) T. A. Booth & A. J. Richards).

G. Hügin

Molineriella minuta (L.) Rouy

+ Cr: Greece, Crete: Nomos of Lasithi, Eparchia of Mirambello, pass between Katharo and Kritsa, stony pastures, alt. 1220 m, 13. 5. 1990, *Hügin 6939* (B, herb. Hügin; det. H. Scholz). – The genus and species are new for the Cretan area.

G. Hügin

Schismus barbatus Wallr.

D Cr: Greece, Crete: Nomos of Iraklio, Eparchia of Kenourgio, Ieropotamos plain, Platanos, alt. c. 100 m, 4. 5. 1990, *Hügin 6914* (B, herb. Hügin; det. H. Scholz). – Not previously recorded from the Cretan area, where its status is yet uncertain.

G. Hügin

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