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Additions to the flora of Samos, Greece

Abstract

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125 taxa of vascular plants are reported as new to the island of Samos, Greece. After this addition, the total number of taxa known from the island is about 1235, but there may still be one or a few hundred more to be found.

A large number of plants have been previously recorded from Samos by Baden (1983), Christodoulakis (1984, 1986) and Christodoulakis & Georgiadis (1990). Records from older literature were summarized by Christodoulakis (1986). Many new records have also appeared in *Flora of Turkey* (Davis 1965-1988).

During the first week of May 1992 we made an excursion to Samos with 23 participants from the Botanical Society, Lund. On that occasion we tried to collect plant of all observed taxa that were not previously known from the island. During the first week of June, Göran Holmström returned to Samos and collected several weedy plants, especially grasses.

We have also checked the material collected on Samos by Runemark and Nordenstam in 1960, Runemark, Snogerup and others in 1962, and Bothmer and Strid in 1964. We also consulted the *Flora Hellenica Specimen Database*, but we here include only records based on specimens that we have seen, except for a few that have been determined by the prospective authors of the relevant treatment in *Flora Hellenica*.

Together with the present additions there are about 1235 taxa of vascular plants recorded as occurring on Samos. Still, there are probably a considerable number to add, especially from weedy and ruderal habitats. There also remain some not easily accessible areas in the western part of the island that should be visited at various times of the year. The species flowering from late summer to winter have also been scarcely collected. It will certainly take considerable time before these gaps be filled up to such an extent as to justify the publication of a full flora of Samos.

Pteridophyta

Equisetaceae

Equisetum arvense L. — The valley W of Leka, 200-400 m, 37°46'N 26°41'E, 25 may 1962, Runemark, Snogerup & al. 18891 (LD).

E. ramosissimum Desf. — The valley W of Leka, 200-400 m, 37°46'N 26°41'E, 25 may 1962, *Runemark, Snogerup & al. 19941* (LD); Karlovasi, 37°48'N 26°42'E, s. d., *Runemark, Snogerup & al. s. n.* (LD).

Pteridaceae

Pteris vittata L. — The valley W to NW of Leka, 37°47'N 26°41'E, 25 may 1962, *Runemark, Snogerup & al. 19410* (LD).

Dicotyledonae

Anacardiaceae

Pistacia vera L. — 1-2 km ESE of Pagondas, terraced cultivations, 250-300 m, 37°40'N 26°50'E, 5 may 1992, *Snogerup 8895* (LD). Probably planted.

Apiaceae

Apium graveolens L. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8963* (LD).

Asteraceae

Andryala integrifolia L. — 3 km WNW of Ambelos, c. 6 km E of Karlovasi. Sandy, fallow field, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8965* (LD).

Bellium minutum (L.) L. — Potami, rocky seashore SW of the beach, 0-5 m, 37°47'N 26°39'E, 9 may 1992, *Snogerup 9035* (LD).

Filago cretensis Gand. subsp. *cretensis* — Tsabou, c. 5 km NW of Kokkari, 0-10 m, 37°48'N 26°50'E, 7 may 1992, *Snogerup 8938* (LD).

F. gallica L. — W of Votsalakia WSW of Marathokambos, former field, 50 m, 37°42'N 26°39'E, 6 may 1992, *Snogerup 8913* (LD).

F. germanica (L.) Huds. — W slopes of mt. Thios 1 km W of the summit, former cultivations, 200 m, 37°45'N 26°59'E, 4 may 1992, *Snogerup 8867* (LD).

Galinsoga ciliata (Raf.) Blake — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8943B* (LD).

G. parviflora Cav. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8943A* (LD); 3 km WNW of Ambelos, c. 6 km E of Karlovasi, in irrigated field near the sea, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8966* (LD).

Hypochoeris glabra L. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8945* (LD).

Lactuca serriola L. — Rivulet valley c. 1 km WNW of Leka, margins of fields, 100 m, 37°46'N 26°40'E, 9 may 1992, *Snogerup 9026* (LD).

Silybum marianum (L.) Gaertner — NE of Ireo, near the sea shore, sandy area with cultivations, roadside, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8871* (LD).

Brassicaceae

Aethionema saxatile (L.) R. Br. subsp. *oreophilum* A. Andersson & al. — Limestone hill c. 1 km SE of the summit of Profitis Elias, NE of Pandrosos, c. 1000 m, 37°44'N 26°50'E, 8 may 1992, *Snogerup 9005* (LD).

Alliaria petiolata (MB.) Cavara & Grande — Rivulet valley c. 1 km WNW of Leka, near the stream under trees, 100 m, 37°46'N 26°40'E, 9 may 1992, *Snogerup 9028* (LD).

Bunias erucago L. — 1-2 km W of Marathokambos. Weed in a field, 300 m, 37°43'N 26°40'E, 6 may 1992, *Snogerup 8922* (LD).

Coronopus squamatus (Forssk.) Asch. — Karlovasi, 37°48'N 26°42'E, 25 may 1962, *Runemark, Snogerup & al. s. n.* (LD).

Iberis carnosa Willd. — In monte Ambelos, 900-1100 m, 1934-104-10, *Rechinger 3896* (LD); limestone hill c. 1 km SE of the summit of Profitis Elias, NE of Pandrosos, 1000 m, 37°44'N 26°50'E, 8 may 1992, *Snogerup 9010* (LD).

Lepidium spinosum Ard. — 3 km WNW of Ambelos, c. 6 km E of Karlovasi, weed in a field, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8978* (LD).

Sinapis arvensis L. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8959* (LD).

Sisymbrium officinale (L.) Scop. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8889* (LD).

Caprifoliaceae

Sambucus ebulus L. — 2 km SE of Pagondas, roadside, 300 m, 37°39'N 26°50'E, 5 may 1992, *Snogerup 8903* (LD).

Caryophyllaceae

Agrostemma githago L. — S and W of the harbour at Karlovasi, 0-150 m, 37°48'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18769* (LD).

Arenaria graveolens Schreb. — S and W of the harbour of Karlovasi, 0-150 m, 37°48'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18715* (LD); the valley W of Leka, 200-400 m, 37°46'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18841* (LD); 1-3 km W of Marathokambos, 250-350 m, 37°44'N 26°40'E, 23 may 1962, *Runemark, Snogerup & al. 19179* (LD); 3-4 km W of Marathokambos, 350-450 m, 37°43'N 26°39'E, 23 may 1962, *Runemark, Snogerup & al. 19089, 19169*

(LD); 3-4 km W of Marathokambos, S-exposed cliffs of mt. Kerki, 350-450 m, 37°43'N 26°39'E, 23 may 1962, *Runemark, Snogerup & al. 19228* (LD); S-exposed cliffs of mt. Kerki, N of Ag. Kiriaki, 37°42'N 26°37'E, 26 may 1962, *Runemark, Snogerup & al. 19533, 19695* (LD); S of Vourliotes, N-exposed cliffs of Ag. Ilias, 400-900 m, 37°46'N 26°51'E, 27 may 1962, *Runemark & Snogerup & al. 19834* (LD) (det. D. Phitos).

Minuartia mediterranea (Link) K. Maly — 3-4 km W of Marathokambos, 350-450 m, 37°44'N 26°39'E, *Runemark, Snogerup & al. 19088* (LD).

Sagina apetala Ard. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8951* (LD).

Saponaria chlorifolia (Poir.) Kuntze — Mt. Kerki, the peak and E of the peak, 1050 m, 37°44'N 26°36'E, 2 august 1960, *Runemark & Nordenstam 16951* (LD); The E-part of mt. Kerki, 800-1200 m, 37°44'N 26°38'E, 24 may 1962, *Runemark, Snogerup & al. 19392* (LD).

Spergularia bocconeii (Scheele) Graebn. — Tigani, 37°41'N 26°57'E, 1 june 1932, *Rechinger 2076, G*; the valley and the shore at Ag. Kiriaki, 37°42'N 26°38'E, 5 may 1962, *Runemark, Snogerup & al. 19805* (LD).

S. maritima (All.) Chiov. — Tigani, 37°41'N 26°57'E, 1 june 1932, *Rechinger 2068, G*; 1934-04-02, *Rechinger 3633 G*.

Vaccaria hispida Boiss. & Bal. — 1-2 km N of the village of Pithagoria, Aijadhes, 100-120 m, 37°42'N 26°57'E, 29 april 1968, *Stamatiadou 2556 ATH*; SE of Vathi, the village Moulambrain, 27 april 1968, *Stamatiadou 2484 ATH* (det. W. Greuter).

Chenopodiaceae

Chenopodium album L. — Ag. Konstandinos. Edge of dried-up river bed, 37°48'N 26°50'E, 9 october 1981, *Davis 67812, E*; Meso Karlovasi, ruderal, 10 m, 37°48'N 26°42'E, 17 september 1977, *Buttler 23206 H, M* (det. P. Uotila).

C. botrys L. — The valley W to NW of Leka, 37°47'N 26°41'E, 25 may 1962, *Runemark, Snogerup & al. 19432* (LD) (det. P. Uotila).

C. murale L. — The valley and the shore at Ag. Kiriaki, 37°42'N 26°38'E, 27 may 1962, *Runemark, Snogerup & al. 19782* (LD) (det. P. Uotila).

Salsola soda L. — The valley and the shore at Ag. Kiriaki, 37°42'N 26°38'E, 27 may 1962, *Runemark, Snogerup & al. 19778* (LD).

Sarcocornia perennis (Mill.) A. J. Scott — Tigani, 1932-06-16, *Rechinger 2078B, G*; *ibid.*, 2 april 1934, *Rechinger 3632 G* (det. Kit Tan).

Crassulaceae

Sedum sediforme (Jacq.) Pau — S and W of the harbour at Karlovasi, 0-150 m, 37°48'N 26°41'E, *Runemark, Snogerup & al. 18694* (LD).

Umbilicus erectus DC. — The E part of mt. Kerki, 800-1200 m, 24 may 1962, Runemark, Snogerup & al. 19337, 19351 (LD).

U. intermedius Boiss. — 1-3 km W of Marathokambos, 300-450 m, 37°44'N 26°40'E, 23 may 1962, Runemark Snogerup & al. 19039 (LD).

U. cf. intermedius Boiss. x *parviflorus* (Desf.) DC. — The SW-side of mt. Kerki, 400-800 m, 37°43'N 26°36'E, 26 may 1962, Runemark, Snogerup & al. 19675 (LD).

Euphorbiaceae

Chrozophora tinctoria (L.) A. Juss. — The valley and the shore at Ag. Kiriaki, 37°42'N 26°38'E, 27 may 1962, Runemark, Snogerup & al. 19783 (LD).

Euphorbia exigua L. — Tsabou, c. 5 km NW of Kokkari, 0-10 m, 37°48'N 26°50'E, 7 may 1992, Snogerup 8933 (LD).

E. kotschyana Fenzl — S of Vourliotes, N-exposed cliffs of Ag. Ilias, in a ravine, 400-900 m, 37°46'N 26°51'E, 27 may 1962, Runemark, Snogerup & al. 19913 (LD).

E. platyphyllos L. — S of Vourliotes, N-exposed cliffs of Ag. Ilias, 400-900 m, 37°46'N 26°51'E, 27 may 1962, Runemark, Snogerup & al. 19848 (LD); the outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, Snogerup 8944 (LD).

E. taurinensis All. — The SW side of mt. Kerki, 37°43'N 26°36'E, 400-800 m, 26 may 1962, Runemark, Snogerup & al. 19603 (LD); NE of Pandrosos, shrubland on former cultivations, 500-800 m, 37°44'N 26°50'E, 8 may 1992, Snogerup 8989 (LD).

Fabaceae

Lathyrus annuus L. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, Snogerup 8874 (LD); Tsabou, c. 5 km NW of Kokkari, 0-10 m, 37°48'N 26°50'E, 7 may 1992, Snogerup 8932 (LD).

Lens ervoides (Brign.) Grande — The valley W to NW of Leka, 37°47'N 26°41'E, 25 may 1962, Runemark, Snogerup & al. 19402, 19403pp (LD).

Lotus preslii Ten. — The valley W to NW of Leka, 37°47'N 26°41'E, 25 may 1962, Runemark, Snogerup & al. 19420, 19454 (LD).

Medicago arborea L. — Rivulet valley c. 1 km WNW of Leka, roadside, 100 m, 37°46'N 26°40'E, 9 may 1992, Snogerup 9029 (LD).

M. constricta Durieu — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, Snogerup 8877 (LD).

- M. truncatula* Gaertn. — S and W of the harbour of Karlovasi, 0-150 m, 37°48'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18820* (LD).
- Melilotus albus* Medicus — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, roadside, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8940* (LD).
- M. graecus* (Boiss. & Spruner) Lassen — S and W of the harbour of Karlovasi, 0-150 m, 37°48'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18746* (LD); 1-3 km W of Marathokambos, 300-450 m, 37°44'N 26°40'E, 23 may 1962, *Runemark, Snogerup & al. 19013* (LD); The SW side of mt. Kerki, 400-800 m, 26 may 1962, *Runemark, Snogerup & al. 19582a* (LD).
- Onobrychis arenaria* (Kit.) DC. subsp. *lasiostachya* (Boiss.) Hayek — 1-2 km W of Marathokambos, c. 300 m, roadsides, 6 may 1992, *Snogerup 8920* (LD).
- Trifolium cherleri* L. — S and W of the harbour of Karlovasi, 0-150 m, 37°48'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18739pp* (LD).
- T. glanduliferum* Boiss. var. *glanduliferum* — 1-2 km NE of Pandrosos, 800-1000 m, 37°44'N 26°50'E, 8 may 1992, *Snogerup 9000* (LD) (det. P. Lassen).
- T. ochroleucum* Huds. — The E-part of mt. Kerki, 800-1200 m, 24 may 1962, *Runemark, Snogerup & al. 19393* (LD); S of Vourliotes, N-exposed cliffs of Ag. Ilias, 900 m, 37°46'N 26°51'E, 27 may 1962, *Runemark, Snogerup & al. 19935* (LD).
- T. pamphylicum* Boiss. & Heldr. — W slopes of mt. Thios 1.5 km W of the summit, former cultivations, 100-150 m, 37°45'N 26°58'E, 4 may 1992, *Snogerup 8846* (LD); Potami, rocky seashore SW of the beach, 0-5 m, 37°47'N 26°39'E, 9 may 1992, *Snogerup 9036* (LD) (det. P. Lassen).
- T. pauciflorum* Urv. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8962* (LD); 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8980*, (B, LD).
- T. scutatatum* Boiss. — 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8981* (LD); 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8982A* (LD).
- T. spumosum* L. — The town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup 8822* (LD).
- Trigonella cephalotes* Boiss. & Bal. — The valley W of Leka, 200-400 m, 37°46'N 26°41'E, *Runemark, Snogerup & al. 18879* (LD); 3-4 km W of Marathokambos, 350-450 m, 23 may 1962, *Runemark, Snogerup & al. 19100* (LD).
- T. spruneriana* Boiss. — The summit area of Profitis Elias, NE of Pandrosos, 37°45'N 26°50'E, 1100-1153 m, 8 may 1992, *Snogerup 9017* (B, LD).

Vicia grandiflora Scop. — S of Vourliotes, N-exposed cliffs of Ag. Ilias, 400-900 m, 37°46'N 26°51'E, 27 may 1962, *Runemark, Snogerup & al. 19909* (LD); 1-2 km NE of Pandrosos, 800-1000 m, 37°44'N 26°50'E, 8 may 1992, *Snogerup 8993* (LD) (det. P. Lassen).

V. pubescens (DC.) Link — 1-3 km W of Marathokambos, 300-450 m, 37°44'N 26°40'E, 23 may 1962, *Runemark, Snogerup & al. 19033* (LD); 1-4 km W of Kastania, 450-600 m, 37°45'N 26°40'E, 24 may 1962, *Runemark, Snogerup & al. 19266* (LD), the valley W of Leka, 200-400 m, 37°46'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18893* (LD), the SW side of mt. Kerki, 400-800 m, 37°43'N 26°38'E, 26 may 1962, *Runemark, Snogerup & al. 19649* (LD); 3 km NE of Marathokambos, area burnt 4 years ago, 300 m, 37°44'N 26°42'E, 6 may 1992, *Snogerup 8928* (LD); 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8974* (LD).

Lamiaceae

Mentha longifolia (L.) Huds. subsp. *longifolia* — Mt. Kerki, the peak and E of the peak, 1000-1450 m, 37°44'N 26°37'E, 2 august 1960, *Runemark & Nordenstam 16957* (LD).

M. longifolia subsp. *petiolata* (Boiss.) Kokkini — The valley W of Leka, 200-400 m, 37°46'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al. 18865* (LD); 1-2 km SW Karlovasi, 100 m, 37°47'N 26°42'E, 8 july 1964, *Bothmer & Strid 21818* (LD).

Malvaceae

Alcea pallida (Willd.) Waldst. & Kit. — S-exposed cliffs of mt. Kerki, N of Ag. Kiriaki, 37°42'N 26°37'E, 26 may 1962, *Runemark, Snogerup & al. 19559* (LD).

Althaea hirsuta L. — S-exposed cliffs of mt. Kerki, N of Ag. Kiriaki, 37°42'N 26°37'E, 26 may 1962, *Runemark, Snogerup & al. 19566* (LD).

Lavatera cretica L. — S of Vourliotes. N-exposed cliffs of Ag. Ilias, 400-900 m, 37°46'N 26°51'E, 27 may 1962, *Runemark, Snogerup & al. 19855* (LD), the town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup 8824* (LD).

Onagraceae

Epilobium tournefortii Michalet — The valley W to NW of Leka, 37°47'N 26°41'E, 25 may 1962, *Runemark, Snogerup & al. 19446* (LD); Tigani, 0-50 m, 37°42'N 26°57'E, 28 may 1962, *Runemark, Snogerup & al. 19963* (LD).

Orobanchaceae

Orobanche ramosa L. — The town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup 8828* (LD).

Oxalidaceae

Oxalis corniculata L. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8956* (LD).

Papaveraceae

Fumaria gaillardotii Boiss. — The valley and the shore at Ag. Kiriaki, 37°42'N 26°38'E, 27 may 1962, *Runemark, Snogerup & al. 19772* (LD).

F. judaica Boiss. subsp. *judaica* — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8875* (LD).

Papaver somniferum L. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari. Disturbed ground in the village area, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8955* (LD).

Plumbaginaceae

Plumbago europaea L. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8869* (LD).

Polygonaceae

Polygonum aviculare L. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8873* (LD).

Rosaceae

Rosa pulverulenta M. Bieb. — Mt. Kerki, the peak and E of the peak, 1000-1450 m, 37°44'N 26°37'E, 2 august 1960, *Runemark & Nordenstam 16923* (LD), the E-part of mt. Kerki, 800-1200 m, 37°44'N 26°38'E, 24 may 1962, *Runemark, Snogerup & al. 19326* (LD).

Rubiaceae

Galium divaricatum Lam. — 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8976* (LD).

G. murale (L.) All. — 1-3 km W of Marathokambos, 300-450 m, 37°44'N 26°40'E, 23 may 1962, *Runemark, Snogerup & al. 18982* (LD); 1-4 km W of Kastania, 450-600 m, 37°45'N 26°40'E, 24 may 1962, *Runemark, Snogerup & al. 19268* (LD), the SW-side of mt. Kerki, 400-800 m, 37°43'N 26°36'E, 26 may 1962, *Runemark, Snogerup & al. 19674* (LD); 1-2 km ESE of Pagondas, terraced cultivations, 250-300 m, 37°40'N 26°50'E, 5 may 1992, *Snogerup 8893* (LD).

Rubia tinctorum L. — Rivulet valley c. 1 km WNW of Leka, 100 m, 37°46'N 26°40'E, 9 may 1992, *Snogerup 9031* (LD).

Salicaceae

Salix alba L. — Potami, in the outer part of the river valley, in the river near the road, 10 m, 37°47'N 26°39'E, 9 may 1992, *Snogerup 9034* (LD).

Scrophulariaceae

Cymbalaria muralis P. Gaertn. & al. subsp. *muralis* — In the village of Leka, 200 m, 37°46'N 26°41'E, 9 may 1992, *Snogerup 9030* (LD).

Veronica arvensis L. — 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup 8986* (LD).

V. persica Poir. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8954* (LD).

Tamaricaceae

Tamarix smyrnensis Bunge — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8872* (LD).

Violaceae

Viola heldreichiana Boiss. — The summit area of Pandrosos, 1100-1153 m, 37°45'N 26°50'E, 8 may 1992, *Snogerup 9016* & *R. Ericson* (LD).

Monocotyledonae**Araceae**

Arum dioscoridis Sm. var. *liepoldtii* (Schott) Engl. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup 8868* (LD).

A. nickelii Schott — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup 8964* (LD).

Cyperaceae

Carex otrubae Podp. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1990, *Snogerup 8886* (LD).

Juncaceae

Juncus subulatus Forssk. — Psilia Ammos, saline marsh, 37°42'N 26°59'E, 10 october 1981, *Davis 67828A* (LD).

Orchidaceae

Ophrys bombyliflora Link — Between Mesokampos and the beach, 37°42'N 26°58'E, 7 may 1992, *Åkerblom & Hellqvist* (LD).

Poaceae

Alopecurus myosuroides Hudson var. *myosuroides* — Kokkari, 37°47'N 26°53'E, june 1992, *Holmström* (LD).

- Briza minor* L. — The outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup* 8950 (LD).
- Bromus alopecuroides* Poir. subsp. *alopecuroides* — The town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup* 8832 (LD).
- B. fasciculatus* C. Presl — W slopes of mt. Thios 1 km W of the summit, former cultivations, 200 m, 37°45'N 26°59'E, 4 may 1992, *Snogerup* 8855 (LD).
- B. hordeaceus* L. — Kokkari, 37°47'N 26°53'E, june 1992, *Holmström* (LD).
- B. lanceolatus* Roth — S of Vourliotes, N-exposed cliffs of Ag. Ilias, 400-900 m, 37°46'N 26°51'E, 27 may 1962, *Runemark, Snogerup & al.* 19812 (LD); Tigani, 0-50 m, 37°42'N 26.57 E, 28 may 1962, *Runemark, Snogerup & al.* 19971 (LD), the town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup* 8831 (LD); NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8890 (LD).
- B. rubens* L. — Aliko, 37°42'N 26°59'E, 7 may 1992, *Holmström* (LD).
- B. scoparius* L. — Tsabou, c. 5 km NW of Kokkari, 0-10 m, 37°48'N 26°50'E, 7 may 1992, *Snogerup* 8936 (LD).
- Catapodium rigidum* (L.) Dony — S and W of the harbour at Karlovasi, 0-150 m, 37°48'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al.* 18797 (LD), the valley W of Leka, 200-400 m, 37°46'N 26°41'E, 22 may 1962, *Runemark, Snogerup & al.* 18900 (LD); 3-4 km W of Marathokambos, 350-450 m, 37°44'N 26°39'E, 23 may 1962, *Runemark, Snogerup & al.* 19082 (LD); W slopes of mt. Thios 1 km W of the summit, former cultivations, 200 m, 37°45'N 26°59'E, 4 may 1992, *Snogerup* 8853 (LD).
- Corynephorus divaricatus* (Pourr.) Breistr. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8880 (LD).
- Cutandia stenostachya* (Boiss.) Stace — 3-4 km W of Marathokambos, 350-450 m, 37°44'N 26°39'E, 23 may 1962, *Runemark, Snogerup & al.* 19083 (LD); S of Vourliotes, N-exposed cliffs of Ag. Ilias, 400-900 m, 37°46'N 26°51'E, 27 may 1962, *Runemark, Snogerup & al.* 19881 (LD).
- Dasypyrum villosum* (L.) Candargy — 3-4 km W of Marathokambos, S-exposed cliff of mt. Kerki, 350-450 m, 37°43'N 26°39'E, 23 may 1962, *Runemark, Snogerup & al.* 19208 (LD); W slopes of mt. Thios 1.5 km W of the summit, former cultivations, 100-150 m, 37°45'N 26°58'E, 4 may 1992, *Snogerup* 8836 (LD).
- Gastridium phleoides* (Nees & Meyen) Hubb. — The SW-side of mt. Kerki, 400-800 m, 37°45'N 26°40'E, 26 may 1962, *Runemark, Snogerup & al.* 19644 (LD).
- Holcus annuus* C. A. Mey. — 3 km WNW of Ambelos, c. 6 km E of Karlovasi, 5-50 m, 37°48'N 26°46'E, 7 may 1992, *Snogerup* 8973 (LD).

- Hordeum marinum* Huds.— NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8882 (LD).
- H. vulgare* L. subsp. *spontaneum* (C. Koch) Thell. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8885 (LD).
- Lolium perenne* L. — The town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup* 8819 (LD).
- L. temulentum* L. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8878 (LD).
- Milium vernale* M. Bieb. — 3-4 km W of Marathokambos, 350-450 m, 37°44'N 26°39'E, 23 may 1962, *Runemark, Snogerup & al.* 19125 (LD), the E part of mt. Kerki, 800-1200 m, 37°44'N 26°38'E, 24 may 1962, *Runemark, Snogerup & al.* 19350 (LD); 1-2 km NE of Pandrosos, 800-1000 m, 37°44'N 26°50'E, 8 may 1992, *Snogerup* 8995 (LD).
- Parapholis marginata* Run. — Coastal sand c. 1 km NE of Ireo, 37°40'N 26°53'E, 7 may 1992, *Örneberg* (LD).
- Phalaris brachystachys* Link — Kokkari, 37°47'N 26°53'E, june 1992, *Holmström* (LD).
- P. coerulescens* Desf. — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8881 (LD), the outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup* 8961 (LD).
- P. minor* Retz. — Kokkari, 37°47'N 26°53'E, june 1992, *Holmström* (LD).
- Polypogon viridis* (Gouan) Breistr. — The valley at Karlovasi, 37°48'N 26°42'E, 25 may 1962, *Runemark, Snogerup & al.* 19501B (LD), the outer part of the river valley at Platanakia, c. 6 km NW of Kokkari, 0-10 m, 37°48'N 26°49'E, 7 may 1992, *Snogerup* 8947 (LD).
- Psilurus incurvus* (Gouan) Schinz & Thell. — The town of Samos, roadside and former terraced fields N of the town, 50-100 m, 37°45'N 26°58'E, 3 may 1992, *Snogerup* 8821 (LD).
- Puccinellia festuciformis* (Host) Parl. subsp. *convoluta* (Hornem.) W. E. Hughes — NE of Ireo, near the sea shore, sandy area with cultivations, 37°39'N 26°53'E, 5 may 1992, *Snogerup* 8879 (LD).
- Setaria adhaerens* (Forssk.) Chiov. — The town of Samos, the NW part, 37°45'N 26°58'E, june 1992, *Holmström* (LD).
- S. verticillata* (L.) P. Beauv. — Kokkari, 37°47'N 26°53'E, june 1992, *Holmström* (LD).

S. viridis (L.) P. Beauv. — Kokkari, 37°47'N 26°53'E, june 1992, *Holmström* (LD).

Stipa capensis Thunb. — W slopes of mt. Thios 1 km W of the summit, former cultivations, 200 m, 37°45'N 26°59'E, 200 m, 4 may 1992, *Snogerup 8849* (LD).

S. holosericea Trin. — The E part of mt. Kerki, 800-1200 m, 37°44'N 26°38'E, 24 may 1962, *Runemark, Snogerup & al. 19391* (LD); SW-exposed cliffs of mt. Kerki, 800 -1000 m, 37°43'N 26°36'E, 26 may 1962, *Runemark, Snogerup & al. 19733* (LD).

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