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Contribution to the vascular flora of the Sevastopol area (the Crimea): a checklist and new records

Abstract

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A checklist of vascular plants found in the Sevastopol area (SW tip of the Crimea) is presented. The area roughly equals the Sevastopol administrative district (excluding northernmost part) and occupies ca. 600 sq. km. History of the botanical exploration of SW Crimea is described. The checklist includes 1385 species confirmed by specimens, 72 species recorded in literature but not confirmed by specimens, and 60 species collected in adjacent localities outside the area. 194 taxa are reported for the first time for the Sevastopol area. One variety is new to science (*Allium jajlae* var. *bajdarense*), two new subspecies names are combinations based on species names (*Lythrum hyssopifolia* subsp. *melanospermum*, *Sideritis taurica* subsp. *catillaris*), and one new name (*Lotus juzepczukii*) replaces later homonym.

Key words: the Crimea, checklist, local flora, taxonomy, new records.

Introduction

The present contribution is based upon collections studied by author in LE, YALT, MW, MHA and published data. The majority of species included in this contribution has specimen based records in the standard “Flora Taurica” (Wulff 1927–1969; Privalova & Prokudin 1959). “Flora Taurica” is a collective flora initiated by Evgeniy W. Wulff (1885–1941) and finished long after his death. It is based largely upon published data and collections from YALT and LE herbaria, but some authors also revised other collections (MW, CWU, etc.). It was preceded by short conspectus (Wulff 1928) and superseded by one volume manual (Rubtzov 1972). Although some previously published records were missed, “Flora Taurica” became a firm foundation for further floristic researches in the Crimea.

The most interesting records from the Sevastopol area were published later in special papers (Smirnov 1965, 1974; Dubovik 1981; Tzvelev 1983ab, 1986; Byalt & Orlova 2003; Seregin 2005, 2006, etc.). Several species were recorded for the first time for the Sevastopol area in various volumes of “Flora Europae Orientalis” [=“Flora partis europaeae URSS”] (Fedorov 1974–1987; Tzvelev 1989–2004) and other taxonomic treatments. Despite all these additions, some interesting records made in 1960–2000s (MW,

MHA, YALT, LE) have never been published. Presence of many taxa in the Sevastopol area is still unconfirmed and requires further investigations.

Territory definition

The Sevastopol area occupies SW tip of the Crimean Peninsula (Ukraine). It includes (1) westernmost part of the Main ridge of the Crimean Mts (Baydarskaya yayla and its slopes), (2) Southern Coast of the Crimea W of Tesseli locality (Tesseli is situated between Foros Cape and Sarych Cape), (3) Baydarskaya valley, and (4) the western foothills of the Crimean Mts (i.e. Gerakleyskiy Peninsula, the Outer Cuesta ridge from Karanskiye hills to Inkermanskiye hills, and Mekenziyevy Mts as part of the Inner Cuesta ridge).

The Black Sea is a natural border of this area on west and south. Eastern border equals the border of the Sevastopol administrative district (from Tesseli to Kholmovka) and the northern border is formed by the lower course of the Belbek River (from Kholmovka to its mouth). The area under discussion equals the Sevastopol administrative district (excluding plain part situated north of the Belbek River) and occupies ca. 600 sq. km. Extreme geographical points are Verkhnesadovaya railway station on north (44°41'N), Sarych Cape on south (44°23'N), Mount Tez-Bair on east (33°54'E) and Chersonesos Cape on west (33°22'E).

The following localities are mentioned on labels by various authors in the Sevastopol area [Crimean Tatar names used before 1940s are given in square brackets]: Aya, Ayazma, Balaklava, Balaklavskaya Bay, Baydarskaya valley, Baydarskaya yayla, Baydarskiye Vorota, Belbek River, Bizyuk, Chatal-Kaya, Chembalo, Chernaya River, Chernorechenskoye [Chorgun], Chersonesos, Dalneye [Kamyshly], Delegartova Balka, Dergachi, Fedyukhiny hills, Fiolent, Flotskoye [Karan], Frontovoye [Otarkoy], Fruktovoye [Belbek], Fuski-Chokrak, Gerakleyskiy (Trakheyskiy) Peninsula, Goncharnoye [Varnutka], Ilyi Mount [Il'yas-Kaya], Inkerman (Belokamensk), Istoricheskiy Boulevard, Kala-Fatlar, Kamyshovaya Bay, Karadag (summit near Skelya), Karantinnaya Bay, Kaya-Bash, Kazach'ya Bay, Kizil-Kaya, Kizilovoye, Kokiyabel, Kolkhoznoye [Uzundzha], Korabelnaya side, Kuchka, Kulikovo Pole, Kush-Kaya, Laspi, Lermontov (cape), Maksimova Balka, Maksimova Dacha, Malakhov Kurgan, Mekenziyevy Mts, Merdven, Morozovka [Alsu], Nikolayevka, Northern side, Novobobrovskoye [Baga], Oboronnoye [Kamary], Omega (Kruglaya) Bay, Orlinoye [Baydary], Ozernoye, Pavlovka [Sakhtik], Peredovoye [Urkusta], Peschanaya Bay, Podgornoye [Kalendy], Povorotnoye, Pska-Bair, Rezervnoye [Kuchuk-Muskomiya], Rodnikovskoye [Skelya], Rodnoye [Uppa], Rossoshanka [Savatka], Sakharnaya Golovka (mount and settlement E of Inkerman), Sakharnye Golovki (rocks near Laspi), Sarandinakina Balka, Sarych, Sevastopol, Sevastopolskaya Bay, Severnaya Bay, Shaytan-Merdven, Shirokoye [Biyuk-Muskomiya], Sinor, Skelskaya Cave, Sovkhoz Sofyi Perovskoy [Alkadar], St. George Monastery, Streletskaya Balka, Streletskaya Bay, Sukhaya Rechka, Ternovka [Shulya], Tesseli, Tez-Bair, Tylovoye [Khaitu], Uchkuyevka [Uch-Kuya], Verkhnesadovoye [Duvankoy], Yukharina Balka, Yuzhnaya Bay, Zolotaya Balka (see details on <http://geokrym.narod.ru/sevtoponim/index.htm>).

The closest localities outside the Sevastopol area are Lyubimovka, Pirogovka [Adzhikoy], Siren station [Syuyren], Tankovoye [Biyuk-Syuyren], Zalesnoye [Yukary-

Karalez], Eski-Kermen, Mangup-Kale, Khadzhi-Sala, Maloye Sadovoye [Kuchuk-Syuyren], Kuybyshevo [Albat], Foros, Opolznevoye [Kikeneiz], Ponizovka. Some collections made in these places are taken into consideration, if a species is not collected in the Sevastopol area (marked with > in the checklist).

The Sevastopol area comprises a huge diversity of natural conditions. One can find 130 km coast line with various seashore conditions, stony steppes of the Gerakleyskiy Peninsula, diverse forest types of the Crimean Mts (formations of *Quercus pubescens*, *Q. petraea*, *Carpinus orientalis*, *C. betulus*, *Fagus orientalis*, *Juniperus excelsa*, *J. oxycedrus*, *Pinus pallasiana*, *P. brutia*, etc.), meadows and steppes of the yayla plateau, and a number of anthropogenous habitats, including newly constructed water reservoirs. Altitudes vary from sea level to 1012 m a.s.l. (Mount Tez-Bair on western edge of Ay-Petrinskaya yayla).

History of botanical exploration of the Sevastopol area

The Crimea was an attractive place for botanists during last two centuries. The majority of collectors visited some localities near Sevastopol during their visits or permanent job in the Crimean Peninsula. So, the history of botanical exploration of the SW Crimean tip reflects somehow history of floristic researches in Taurida.

1790–1850s. – P. S. Pallas (1795, 1803) published first records of vascular plants from the Sevastopol area. His collections are preserved in BM now. F. A. Marschall Bieberstein collected some specimens here in spring 1794 (LE).

First collections from Sevastopol and Balaklava examined by me were dated 1818 (LE). They were collected by C. A. Meyer and K. F. Ledebour in the joint voyage.

J. S. C. Dumont d'Urville visited vicinities of Sevastopol in July 1820. Some new species were described upon his collections including *Sedum urvillei* DC. from Sevastopol. He published a list of collected species (Dumont d'Urville 1822) transferred to P.

Leutenant C. Compère, amateur of botany and Laspi resident, collected in that area large herbarium in 1820–30s. There has been a strong belief till now, that he compiled a manuscript «Florula Laspiana» (lost?). Compère transferred his collections to C. Steven (H, LE, MW) and D. Prescott (LE). Steven described *Orchis comperiana* Steven (= *Comperia comperiana*), *O. satyrioides* Steven (= *Steveniella satyrioides*) and *O. punctulata* Steven [ex Lindl.] upon Compère's specimens from Laspi. Steven collected specimens himself in Chersonesos and Inkerman in 1807 and 1838.

I. G. Ilyin, a doctor from Yalta, made his Crimean collections in 1841–1847. He visited Mount Merdven, Baydary, Laspi, Kuchuk-Muskomiya, and Mangup-Kale. Ilyin's widow passed his herbarium to Moscow Society of Naturalists. Later it was incorporated to MW.

J. H. Léveillé was a botanist in Demidoff's voyage to Southern Russia and the Crimea. He indicated *Polygala austriaca*, *Avena eriantha*, *Trisetum flavescens* from the Sevastopol area (Léveillé 1842), but these records were doubted later on weaker ground. Nonetheless records of *Lagurus ovatus* and *Euphorbia peplus* were confirmed. Léveillé's collections without precise localities are preserved in LE.

Chugayevich collected plants in Sevastopol in 1851–1852 (LE). French botanists made extensive collections on a territory controlled by British and French troupes during the Sevastopol blockade in the Crimean war of 1854–1855. M. E. Cosson (1856) revised col-

lections of Saint-Supery and Bellevill (P) and J. M. G. Lespinasse (1880) studied also J. Jeannel herbarium (BORD). These treatments were the first papers completely devoted to the Sevastopol flora with a number of controversial records. Noone confirmed later presence in the Crimea of several species indicated by Cosson and Lespinasse (*Phalaris minor*, *Bromus lanceolatus*, *Rumex bucephalophorus*, *Silene nutans*, *Melilotus sulcatus*, *Tetragonolobus purpureus*, *Pimpinella major*, *Plantago lagopus*, etc.). Authors of “Flora Taurica” (Wulff 1927–1969) thought all these records to be misidentifications or casuals, but P and BORD herbaria were inaccessible to them. I think, that one should be cautious in such solutions, because presence of *Geropogon hybridus* and *Melilotus indicus* was later confirmed by Dubovik (1981) and Tzvelev (1983b) respectively.

Zoologists K. F. Kessler and K. N. Jelski collected an interesting herbarium in Sevastopol in July 1858 (LE). Lesser contributions were made earlier by Teplov (s.d. [?1829–1830], MW) and G. I. Radde (1854, LE).

1870–90s. – D. I. Litvinov visited the Sevastopol area twice in 1876–1877 and after long pause in 1929 (LE). V. N. Aggeenko made some collections here in 1885–1886 & 1900 (LECB?). A. P. Ivanov collected near Sevastopol a complete set of spring flowers in 1888 (MW) including the only specimen of *Scilla siberica*. V. I. Lipsky collected plants in 1892 near Balaklava (LE and Kiev University), including an interesting endemic species named later after him *Hyacinthus lipskyi* Misch. (= *Bellevalia lipskyi*).

The most important collection in YALT of that period is the N. M. Zelenetzky’s herbarium. Zelenetzky collected plants near Sevastopol in 1885–1887 & 1903. He published his “Prodromus florum Tauriae” (Zelenetzky 1906) as a master’s thesis. Numerous Crimean collections of V. G. Andreyev were also incorporated to YALT, including those of 1890, 1895–1898, 1900, 1902, 1904 & 1907–1908 from the Sevastopol area.

I had no opportunity to study I. K. Paczoski’s collections from Sevastopol (1889) reflected in his paper (Paczoski 1890). They are probably conserved in KW or MSUD.

O. A. Fedtschenko with her son B. A. Fedtschenko visited the Crimea in the summer 1893 (LE). They made two great circle voyages around the Crimean Mts and collected in the Sevastopol area twice: June, 17–28 (Belbek, Mekenzievy Gory, Sevastopol, St. George Monastery, Balaklava, Chersonesos, Inkerman, Chatal-Kaya, Baydary, Baydarskiye Vorota, Shaytan-Merdven, Skelya, Laspi) and July, 29 – August, 1 (Mangup-Kale, Shulya, Skelya, Urkusta). Large collections by Fedtschenko & Fedtschenko (including 700+ specimens from SW Crimea), A. N. Arsenyev (1895, 1898, 1900, LE) and W. A. Tranzschel (1901 & 1903–1904, LE) were carefully studied and completely reflected in a series of papers (Fedtschenko & Fedtschenko 1899–1904).

Retired pharmacist K. L. Golde made his extensive high-quality collections throughout the Crimean Peninsula but mainly near his residence in Yalta. His collections are preserved in LE with duplicates distributed in MW, YALT, etc. Golde collected plants in the Sevastopol area in 1895–1896, 1898–1899 & 1901–1906 (ca. 180 collections with numerous duplicates).

N. I. Puring from Yuriev (Tartu) University visited Sevastopol in April 1900. Puring’s herbarium contains ca. 240 specimens from the Sevastopol area, including S. Fedoseev collections (1894–1896 & 1905). It was later transferred to LE. Considerable herbaria of S. I. Korshinsky (1880–1881, 1889 & 1893) and F. N. Alexeenko (1894–1895) are also preserved in LE.

I checked some other collections of that period from SW Crimea: N. C. Sredinsky (1870, 1883, LE), P. I. Egorov (1872, 1876–1878, LE), Lehmann (1879, LE), P. Orlov (1884, LE), D. Orlov (1889, LE), D. P. Syreishchikov (1886, 1900, MW and “Herbarium Florae Rossicae” exsiccata), M. I. Golenkin (1889, MW), Semenova (1890, LE), G. I. Tanfilyev (1893, 1898, LE), K. F. Levandovsky (1895, 1898, LE), S. G. Grigoryev (1897, LE), O. Egorova (1897, LE), E. W. Wulff (1898, YALT), A. S. Deutsch (1898, YALT), W. N. Dmitrieff (1899, YALT), S. A. Mokrzhetzsky (1899, YALT), N. Ya. Zinger (1900, «Herbarium Florae Rossicae» exsiccata), I. P. Borodin (1900, LE), N. N. Kaufmann (s.d., MW). There are also anonymous collections in MW from Chersonesos and Kruglaya Bay.

1900–30s. – N. A. Busch’s numerous collections from “Iter tauricum I” are preserved in LE. He visited Chatal-Kaya, Sevastopol, Balaklava, Laspi, Sarych, Tesseli and western yayla and collected 600+ specimens here (excluding duplicates) during 7 days (April, 30 – May, 6). Some Busch’s specimens were issued as «Flora caucasica exsiccata».

A. N. Kryshtofovich, an outstanding Russian palaeobotanist, collected in SW Crimea in 1900, 1905–1907 & 1910 (LE). He made the major part of his collections (ca. 1000 specimens) in Baydarskaya valley and Laspi in 1906–1907 in line with his student paper published later (Kryshtofovich 1908). Kryshtofovich’s herbarium is the most complete collection of Baydarica and Laspi. Unfortunately, his collections were not subsequently studied by “Flora Taurica” authors.

Numerous specimens were collected by S. S. Ganeshin (1912, LE). Nice collections by A. N. Smirnova (1918) are kept in YALT, while S. S. Stankov’s herbarium (1917–1918) was divided between YALT and LE.

Lesser collections were made in 1900–10s by B. V. Bazhenov (1901 & 1903, YALT), V. S. Muralevich (1901, MW), M. Kravtsova (1902, LE), G. I. Širjaev [Shirjaev] (1902, LE), N. Nikolsky (1902, LE), A. E. Junge (1903, 1909, LE), N. Martyanov (1903, 1904, 1911, YALT), W. Spiro (1903, 1910, YALT, LE), V. Finn (1906, MW), P. Vinogradov-Nikitin (1906, LE), Ts. V. Rytel (1906, LE), I. I. Shirayevsky (1906, 1909, LE), N. A. Kazansky (1907, 1908, YALT), B. M. Kulkov (1909, MW), A. A. Ass (1909, MW), I. W. Wankow [Vankov] (1905–1906, 1910, 1913–1914, YALT), S. N. Milyutin (1907–1908, LE), C. C. Kossinski (1911–1912, LE), I. I. Sprygin (1914, LE), G. I. Grabovsky (1913, 1914, YALT), K. F. Levandovsky (1914, YALT), E. K. Stukenberg (1916, LE), A. N. Petunnikov (1917, MW).

Due to difficult political circumstances, only local botanists collected plants here in 1920s – S. A. Dzevanovsky (1919, 1922 & 1925–1926, LE), A. S. Deutsch (1926–1927, YALT), V. F. Vasilyev (1926 & 1929–1930, YALT) and E. W. Wulff (1929). Dzevanovsky (1929) published a list of plants from Mangup-Kale – Kokkozy area on eastern border of the Sevastopol area. E. W. Wulff published the first issue of “Flora Taurica”, a standard Crimean flora, in 1927.

S. S. Stankov fruitfully collected in mountains of SW Crimea with A. Pegova (1929) and N. Lukanova (1930). Their numerous collections were largely distributed throughout Russian herbaria (NNSU, YALT, MW, LE, etc.).

Important collections in the Sevastopol area were made by G. V. Mikeschin in 1933 (MW). He visited also Yalta and Eupatoria during this trip. S. N. Tyuremnov and V. P. Savicz collected in October 1937 near Batiliman (MW, LE). Tyuremnov visited this locality also in 1938 and 1955. Few other collections of 1920–30s were collected by V. Rozhdestvensky (1924 & 1927, MW), A. I. Naumov (1925, MW), B. A. Fedtschenko

(1931, LE), Voronina (1933, MW), S. F. Zakharevich (1936, LE), O. A. Muravjova (1936–1937 & 1940, LE), N. M. Chernova (1938–1939, YALT), N. N. Kaden (1939, MW), L. A. Simanskaya (1939, YALT).

1940–2000s. – Active floristic research of the Crimea started soon after World War II. Botanists from Moscow and Leningrad [St.-Petersburg] made their valuable contribution to knowledge of the Crimean flora. S. V. Juzepczuk from LE visited nearly all places of floristic interest in the Crimean Mts. He collected large herbarium materials with his son D. S. Juzepczuk and L. Kuprianova on Baydarskaya yayla, including “Herbarium florum URSS” exsiccata. I. Srebrodolskaya and N. Gozheva assisted Juzepczuk in some excursions. Modest contribution to YALT from SW Crimea was made by V. Pozhidayeva (1949–1950).

P. A. Smirnov from Moscow University made his first visit to the western part of the Crimean Mts (Baydarskaya yayla) in 1952. He spent 2 months (April, 19 – June, 12 1962) in Goncharnoye collecting plants almost every day near this village (MW). Smirnov’s student N. K. Shvedchikova assisted him in May, 21–31. Smirnov recorded for the first time for the Crimea *Festuca rubra* subsp. *rubra*, *Carex nigra* and confirmed Pallas’ (1795) record of *Hordeum secalinum* (Smirnov 1965). Smirnov visited Goncharnoye once again in June 1967 collecting specimens for his “Herbarium Graminum Selectorum URSS” exsiccata. This trip contributed the Crimean flora with *Gaudinia fragilis* (Smirnov 1974).

S. K. Kozhevnikova studied in 1960s alien and weedy plants of the Crimea (YALT). She collected in the Sevastopol area in 1961–1962, 1964–1967 & 1971. Kozhevnikova was the first collector of *Amaranthus blitoides*, *A. deflexus*, *Cyclachaena xanthiifolia*, *Galinsoga parviflora*, etc. here.

There are some other 1950–60s collections from SW Crimea. Collections by Moscow University students and staff members deposited in MW: I. L. Krylova & T. G. Derviz(-Sokolova) (1951), L. V. Denisova & M. V. Knorina (1963), H. E. Grosset (1964), N. S. Dyatlova (1965). Collections of S. S. Kharkevich (1952, KWHA) and A. I. Barbarich, D. M. Dobrochayeva & A. I. Kukalo (1955, KW) are preserved in Kiev herbaria. Komarov Institute (LE) staff members A. G. Borisova (1958, 1964), E. G. Pobedimova & V. N. Gladkova (1962), A. E. Bobrov, V. N. Siplivinsky & al. (1968) also visited the Sevastopol area. Astakhova (1955), K. P. Popov (1960), L. V. Makhayeva (1962, 1964 & 1983), G. P. Ryndina (1962 & 1964), I. V. Kryukova (1963–1964), N. I. Rubtzov (1964), O. A. Khokhlova (1964), L. A. Privalova (1964–1965), R. P. Mazurik (1964–1965, 1967 & 1972) transferred their collections to YALT.

Glavny (Main) Botanic Garden of Soviet Academy of Sciences, Moscow (MHA) started in 1960s active studies on the Crimean flora. Some routes of MHA expeditions covered the Sevastopol area. M. T. Mazurenko and A. P. Khokhryakov collected plants near Baydarskiye Vorota in spring 1962 and 1971. N. S. Alyanskaya visited Lapsi in 1966. A. E. Matsenko worked fruitfully near Sarych Cape in 1971 and 1973. She collected with E. E. Gogina near Sovkhoz Sofyi Perovskoy in autumn 1976. N. B. Belyanina and K. V. Kiseleva in 1976 made their collections near Dergachi, Balaklava, Goncharnoye and Lapsi. A. K. Skvortsov visited SW Crimea twice, in May 1975 and in April 1979 with M. G. Pimenov (Baydarskaya valley, Lapsi and Foros).

The Sevastopol area was visited in 1970s also by N. K. Shvedchikova (1972, MW), T. P. Khort & V. M. Bogachuk (1972, YALT), M. I. Kotov, V. V. Protopopova & A.

Yakimenko (1973, KW), Yu. K. Vinogradova & T. K. Soklakova (1974, MW), I. A. Grudzinskaya (1974, LE), N. M. Fedoronchuk (1976, KW), A. K. Stankevich (1976, WIR), E. Mordak & L. Sveshnikova (1977, LE), V. G. Onipchenko (1978, 1979, MW), O. V. Yurtseva (1979, MW), A. K. Sytin, A. G. Elenevsky & G. P. Sokolov (1979, MOSP).

Nikita Botanical Garden expanded floristic researches in the Crimea in 1970–80s. Expeditions executed by V. M. Kosykh (Kossykh), V. N. Golubev, V. V. Korzhenevsky sufficiently contributed YALT herbarium. Many Nikita staff members collected in the Sevastopol area. Kosykh made her collections in 1964–1965, 1967, 1970, 1974–1979, 1981 & 1984–1985 assisted by O. A. Khokhlova and R. Pozdnyakova (1974), M. I. Karasyuk (1976–1977) and O. G. Usacheva (1977–1979, 1981). Golubev visited the area in 1979, 1981–1984, 1986–1987 & 1989–1991. His wife I. V. Golubeva collected here in 1976, 1982–1985 & 1987 during personal trips or together with her husband. I. I. Maslova (1981, 1983–1984), A. V. Sazonov & Yu. M. Fadeyev (1984) also assisted Golubev. Korzhenevsky made his collections in Laspi in 1977 and 1979. Personal collections of V. M. Bogachuk (1972), Yu. A. Luks (1975), Maslova (1979, 1981, 1989) and G. V. Rusina (1983) also preserved in YALT.

Dedicated Russian botanist N. N. Tzvelev visited the Sevastopol area three times (LE). He collected here alone in April 1979 and June – July 1981 and as a member of a Komarov Institute team in May 1984. Tzvelev made the first records in the Crimea of *Zannichellia major*, *Avena barbata*, *Festuca rubra* subsp. *commutata*, *Lagoecia cuminoides*, *Scutellaria galericulata*, *Verbascum undulatum*, etc. (Tzvelev 1983ab). Expedition of 1984 (Tzvelev, D. V. Geltman, N. A. Medvedeva & G. V. Mustafina) visited Kamyshovaya Bay, Mount Sapun-Gora, Fiolent Cape, Orlinoye, Rezervnoye – Aya area, Laspi and made extremely large collections (470 specimens excluding duplicates for 5 days).

MHA staff continued floristic study in SW Crimea in 1980s. I. A. Smirnov visited Eski-Kermen and Batiliman in 1981, V. D. Vasilyeva studied the flora of the Cape Aya Reserve in 1985. Large collections were made by N. B. Belyanina, V. G. Shatko, N. Alyanskaya & I. Volkovskaya in Laspi, Baydarskaya valley and the Chernaya River canyon in May 1986. Shatko with T. Yu. Konovalova, Z. R. Alferova & Alyanskaya collected exsiccata for «Société pour l'échange...» in September 1987. Fedyukhiny hills, Chersonesos and Eski-Kermen were visited by Shatko, Belyanina & N. A. Shevyreva in April 1988.

Some lesser collections were made in 1980s by O. M. Dubovik (1980, 1986, KW), A. V. Chernyavsky (1983, KW), G. N. Ogureyeva (1987, MW), M. & F. Mikhaylovs (1989, LE). I. O. Buzunova (LE) made special *Rosa* collections in 1982, 1984 & 1989.

A. K. Belov with his wife V. Yu. Nikiforova collected in 1983–2002 in the Sevastopol area almost annually (MW). L. V. Bondareva, Nikita Botanic Garden Ph. D. student, studied the flora of Gerakleyskiy Peninsula in 1997–1998 (YALT). V. V. Byalt with L. V. Orlova and A. V. Byalt visited Sevastopol in July 2001. They discovered the first locality of *Elodea densa* in Ukraine (Byalt & Orlova 2003). Student excursion from Karl-Franzens University of Graz visited SW Crimea in May, 2004 (GZU; Drescher & al., 2007).

Since 2001 I am visiting SW Crimea with my spouse I. P. Seregina (Privalova) almost annually. Unexpected records of *Leontodon saxatilis*, *Leersia oryzoides*, *Astragalus contortuplicatus*, *Parentucellia latifolia*, etc. are already published (Seregin 2005, 2006), although many other records I am reflecting in this contribution.

Herbarium collections. – LE, YALT, MW, MHA comprises the largest collections on the Sevastopol flora (ca. 12750 specimens totally). There are ca. 5800 specimens in LE, 4100 specimens in YALT, 2000 specimens in MW (including 850 author's collections), 850 specimens in MHA. About 1000 specimens are preserved in KW (have not been examined to the moment). The following collectors made the largest collections in the Sevastopol area (excluding duplicates transferred to other herbaria):

A. N. Kryshtofovich (LE)	1040 spec.	K. L. Golde (LE & al.)	190
V. M. Kosykh (YALT)	930	V. D. Vasilyeva (MHA)	190
A. P. Seregin (MW)	850	I. V. Golubeva (YALT)	180
O. A. & B. A. Fedtschenko (LE)	710	I. Volkovskaya (MHA)	180
V. N. Golubev (YALT)	620	A. Pegova (YALT & al.)	170
N. A. Busch (LE)	610	S. K. Kozhevnikova (YALT)	160
I. P. Seregina (Privalova) (MW)	510	N. N. Tzvelev 1979 & 1981 (LE)	160
O. G. Usacheva (YALT)	490	C. Compère (LE)	160
N. N. Tzvelev & al. 1984 (LE)	470	V. G. Andreyev (YALT)	150
N. B. Belyanina (MHA)	410	S. V. Juzepczuk (LE)	150
N. M. Zelenetzky (YALT)	280	B. V. Bazhenov	140
S. S. Stankov (YALT & al.)	270	V. V. Korzhenevsky (YALT)	140
V. G. Shatko (MHA)	270	V. Yu. Nikiforova (MW)	140
P. A. Smirnov (MW)	240	S. Fedoseev (LE)	120
S. I. Korshinsky (LE)	240	N. I. Puring (LE)	120
A. N. Smirnova (YALT)	220	S. N. Tyuremnov (MW)	110
F. N. Alexeenko (LE)	210	I. I. Maslova (YALT)	110
S. S. Ganeshin (LE)	210	K. F. Kessler & K. N. Jelski (LE)	100
N. S. Alyanskaya (MHA)	190	A. E. Matsenko (MHA)	100
A. K. Belov (MW)	190		

Checklist

There are 1517 species in the checklist. 1385 species confirmed by specimens are numbered consequentially (including 534 species based upon recent original collections). 72 species recorded in literature but not confirmed by specimens and 60 species collected in adjacent localities outside the area are given without numbers. 194 taxa superseded by an asterisk (*) denote new records for the Sevastopol area. Citations of specimens for newly recorded species are extracted from the checklist to the separate section “First specimen based records for the Sevastopol area”.

If species is not indicated for SW Crimea in “Flora Taurica” (Wulff 1927–1969; Privalova & Prokudin 1959), I am citing references for the first records in notes. These references are either published before “Flora Taurica” (missed, neglected or unfairly doubted) or after.

The names of the taxa largely follow “Flora Europae Orientalis” [=“Flora partis europaeae URSS”] (Fedorov 1974–1987; Tzvelev 1989–2004) and some later taxonomic treatments (Egorova 1999; Romo & al. 2004; Tzvelev 2006, 2007; Yena 2007, etc.). Taxa

names from Rubtzov (1972) are cited as synonyms in the case of deviations, because this manual links somehow modern taxonomy with names adopted in “Flora Taurica”.

I have to validate four nomenclatural novelties according recent taxonomic considerations. One variety is new to science (*Allium jajlae* var. *bajdarensis*), two new subspecies names are combinations based on species names (*Lythrum hyssopifolia* subsp. *melanospermum*, *Sideritis taurica* subsp. *catillaris*) and one new name replaces later homonym (*Lotus juzepczukii*). Four species (*Vicia sativa*, *Helianthemum canum*, *Pimpinella tragium*, *Veronica anagallis-aquatica*) are accepted as aggregates with several microspecies.

Explanations

CONSEQUENTIAL NUMBERS:

- 1–1385 – species with localities confirmed by specimens (accepted subspecies and varieties are not numbered)
- – species with localities not confirmed by specimens (published and manuscript data)
- > – species with closest localities just slightly outside the Sevastopol area (followed with locality names *in italics*)

PRESENCE OF SPECIMENS OR PUBLISHED DATA:

- !! – original collections (2001–2007)
- ! – other collections
- lit. – published data not confirmed by specimens (with a reference)
- lit. (?) – doubtful published data not confirmed by specimens (with a reference); usually these are old records of rare casuals never collected in the Crimea and probably misidentified
- (? – det.) – doubtful or uncertain identification
- (? – loc.) – doubtful or uncertain locality

FIRST RECORDS FOR THE AREA:

- * – taxa recorded for the first time for the Sevastopol area or adjacent localities (specimens cited in a separate section superseded the checklist)

STATUS CATEGORIES (NATIVE SPECIES AND ARCHAEOPHYTES UNMARKED):

- AN – alien, naturalized
- ?AN – probably alien, naturalized
- AN? – alien, probably naturalized
- A – alien, casual
- CN – cultivated, naturalized
- ?CN – probably cultivated, naturalized
- CN? – cultivated, probably naturalized

ATHYRIACEAE

1. ! *Cystopteris fragilis* (L.) Bernh.
- lit. *Athyrium filix-femina* (L.) Roth (Wulff 1927 after Kryshstofovich)

ASPLENIACEAE

2. ! *Phyllitis scolopendrium* (L.) Newm.

3. !! *Asplenium ruta-muraria* L.
4. !! *A. trichomanes* L. subsp. *quadrivalens* D. E. Mey. (incl. subsp. *inexpectans* Lovis)
Note. Plants identified as subsp. *inexpectans* were collected on Mangup-Kale (Bobrov 1974).
5. !! *Ceterach officinarum* DC.

ADIANTACEAE

6. ! *Adiantum capillus-veneris* L. ?CN
Note. First recorded by Wulff (1927) upon Compère's specimen without exact locality (probably Laspì). A record from the second locality: Sevastopol, Maximova Dacha architectural and landscape reserve, wet grotto on the pond bank, 18.08.1994, *Nikiforova & Belov* (MW), where it might be a relic of cultivation.

POLYPODIACEAE

7. !! *Polypodium vulgare* L.
8. ! *P. interjectum* Shivas

DRYOPTERIDACEAE

9. ! *Dryopteris filix-mas* (L.) Schott

HYPOLEPIDACEAE

- > *Pteridium aquilinum* (L.) Kuhn (*P. tauricum* V. I. Krecz. ex Grossh.) (*Mangup-Kale*)

OPHIOGLOSSACEAE

10. ! *Ophioglossum vulgatum* L.

EQUISETACEAE

11. !! *Equisetum arvense* L.
12. !! *E. ramosissimum* Desf.
13. !! *E. telmateia* Ehrh.

TAXACEAE

14. ! *Taxus baccata* L.

PINACEAE

15. !! *Pinus pallasiana* D. Don
16. ! *P. brutia* Ten. (*P. pityusa* Steven; *P. stankewiczii* (Sukaczew) Fomin)

CUPRESSACEAE

17. !! *Juniperus excelsa* M. Bieb.
18. ! *J. foetidissima* Willd.
19. !! *J. oxycedrus* L.

EPHEDRACEAE

20. !! *Ephedra distachya* L.

TYPHACEAE

21. !! *Typha angustifolia* L.
 22. !! *T. latifolia* L.
 23. !! *T. laxmannii* Lepech.* AN
 24. ! *T. shuttleworthii* W. D. J. Koch & Sond.
 Note. First recorded by Tzvelev (1983b; LE).

SPARGANIACEAE

25. !! *Sparganium erectum* L. s. l.

ZOSTERACEAE

26. ! *Zostera marina* L.
 27. ! *Z. noltii* Hornem. (*Z. nana* Roth nom. illeg.)

POTAMOGETONACEAE

28. !! *Potamogeton berchtoldii* Fieb. (*P. pusillus* auct. non L.)
 Note. Record of *P. trichoides* Cham. & Schldl. (Seregin 2006; MW) is erroneous due to misidentification.
 29. !! *P. crispus* L.*
 30. !! *P. lucens* L.*
 31. !! *P. natans* L.
 32. ! *P. nodosus* Poir.
 33. !! *P. pectinatus* L.

RUPPIACEAE

34. ! *Ruppia cirrhosa* (Petagna) Grande* (*R. spiralis* L. ex Dumort.)
 – lit. *R. maritima* L. (*R. rostellata* W. D. J. Koch) (Zelenetzky 1906)

ZANNICHELLIACEAE

35. ! *Zannichellia major* Boenn. ex Rchb.
 Note. First recorded by Tzvelev (1983b; LE). A record from the second locality: Sevastopol, Karantinnaya Bay, shoal-water, 3.08.1993, *Nikiforova & Belov* (MW).

JUNCAGINACEAE

36. ! *Triglochin maritimum* L.

ALISMATACEAE

37. !! *Alisma lanceolatum* With. (*A. plantago-aquatica* auct. non L.)

BUTOMACEAE

38. ! *Butomus umbellatus* L.

HYDROCHARITACEAE

39. !! *Elodea canadensis* Michx.* AN
 40. !! *E. densa* (Planch.) Casp. (*Egeria densa* Planch.) CN
Note. First recorded by Byalt & Orlova (2003; LE, KW, conf. MW).

GRAMINEAE

41. !! *Bothriochloa ischaemum* (L.) Keng
 > *Sorghum halepense* (L.) Pers. (*Foros*) AN
 42. !! *Tragus racemosus* (L.) All.
 43. ! *Digitaria sanguinalis* (L.) Scop.*
 44. !! *Echinochloa crusgalli* (L.) P. Beauv.
 45. !! *Setaria pumila* (Poir.) Schult. (*S. glauca* auct. non (L.) P. Beauv.)
 46. !! *S. verticillata* (L.) P. Beauv.
 47. !! *S. viridis* (L.) P. Beauv.
 48. ! *Cenchrus longispinus* (Hack.) Fernald AN
Note. First recorded by Maslova (1992; YALT).
 49. !! *Leersia oryzoides* (L.) Sw.
Note. First recorded by Seregin (2006; MW).
 > *Phalaris canariensis* L. (*Foros*)
 – **lit. (?)** *P. minor* Retz. (Wulff 1951 after Lespinasse) A
 50. ! *Phalaroides arundinacea* (L.) Rausch.
 51. !! *Achnatherum bromoides* (L.) P. Beauv. (*Lasiagrostis bromoides* (L.) Nevski & Roshev.)
 52. !! *Stipa capillata* L.
 53. ! *S. eriocaulis* Borbás subsp. *lithophila* (P. A. Smirn.) Tzvelev (*S. lithophila* P. A. Smirn.)
 54. *S. lessingiana* Trin. & Rupr.
 ! subsp. *brauneri* Pacz.
 > subsp. *lessingiana* (*Siren station*)
 > *S. pontica* P. A. Smirn. (*Siren station*)
 > *S. pulcherrima* K. Koch (*Siren station*)
 55. ! *S. ucrainica* P. A. Smirn.
 56. ! *Piptatherum holciforme* (M. Bieb.) Roem. & Schult.
 57. ! *P. virescens* (Trin.) Boiss.
 58. ! *Milium effusum* L.
 59. ! *M. vernale* M. Bieb.
 60. !! *Crypsis schoenoides* (L.) Lam.
 61. !! *Phleum montanum* K. Koch* (*P. phleoides* (L.) Karst. subsp. *montanum* (K. Koch) Tzvelev)
 62. !! *P. nodosum* L. (*P. pratense* L. subsp. *nodosum* (L.) Arcang.)
 63. ! *P. paniculatum* Huds.
 – **lit. (? – det.)** *P. phleoides* (L.) H. Karst.
Note. Nearly all records in “Flora Taurica” (Wulff 1951) from the Sevastopol area refer to *P. montanum*.
 – **lit.** *P. pratense* L. s. str. (Wulff 1951 after Kryshstofovich)

64. !! *P. subulatum* (Savi) Asch. & Graebn.
 65. ! *Alopecurus aequalis* Sobol.
 66. ! *A. myosuroides* Huds.
 67. ! *A. vaginatus* (Willd.) Pall. ex Kunth
 68. ! *Polypogon viridis* (Gouan) Breistr. (*P. semiverticillatus* (Forssk.) Hyl.)
 69. ! *Agrostis capillaris* L. (*A. tenuis* Sibth.)
 70. !! *A. gigantea* Roth*
 Note. *A. gigantea* and *A. stolonifera* were merged under *A. alba* in «Flora Taurica» (Wulff 1951), that is why I am citing specimens for both species.
 71. !! *A. stolonifera* L.*
 72. *Calamagrostis epigejos* (L.) Roth
 ! subsp. *epigejos*
 !! subsp. *glomerata* (Boiss. & Buhse) Tzvelev*
 73. ! *Apera interrupta* (L.) P. Beauv.
 Note. First recorded by Tzvelev (1976), but without specimen details.
 74. ! *A. maritima* Klokov (*A. spica-venti* (L.) P. Beauv. subsp. *maritima* (Klokov) Tzvelev)
 – lit. *A. spica-venti* (L.) P. Beauv. (Wulff 1951 after Lévêillé)
 75. ! *Lagurus ovatus* L. A
 Note. First recorded by Lévêillé (doubted by Wulff 1951) and was later confirmed by Tzvelev (1976; LE). Record by Drescher & al. (2007) needs confirmation.
 76. ! *Holcus lanatus* L.*
 – lit. *Aira elegans* Willd. ex Gaudin (*A. capillaris* Host non Savi) (Wulff 1951 after Zelenetzky)
 – lit. (?) *A. caryophylla* L. (Wulff 1951 after Bieberstein) A
 – lit. (?) *Trisetum flavescens* (L.) P. Beauv. (Wulff 1951 after Lévêillé) A
 77. ! *Avena barbata* Pott ex Link
 Note. First recorded by Tzvelev (1983b; LE).
 78. ! *A. ludoviciana* Durieu (*A. sterilis* L. subsp. *ludoviciana* (Durieu) Gill. & Magne)
 – lit. (?) *A. eriantha* Durieu (*A. pilosa* (Roem. & Schult.) M. Bieb.) (Wulff 1951 after Lévêillé) A
 79. ! *A. trichophylla* K. Koch (*A. sterilis* L. subsp. *trichophylla* (K. Koch) Malzev)
 80. ! *Helictotrichon compressum* (Heuff.) Henrard* (*H. tauricum* Prokudin)
 > *Arrhenatherum elatius* (L.) J. Presl & C. Presl* (*Maloye Sadovoye*)
 81. ! *Gaudinia fragilis* (L.) P. Beauv.
 Note. First recorded by Smirnov (1974; MW, LE).
 82. ! *Gaudinopsis macra* (Steven ex M. Bieb.) Eig
 83. !! *Cynodon dactylon* (L.) Pers.
 84. !! *Phragmites australis* (Cav.) Trin. ex Steud. (incl. subsp. *altissimus* (Benth.) Clayton)
 85. !! *Cleistogenes serotina* (L.) Keng
 86. !! *Eragrostis minor* Host
 87. !! *Koeleria brevis* Steven
 88. ! *K. cristata* (L.) Pers.
 89. !! *K. lobata* (M. Bieb.) Roem. & Schult.

90. ! *K. sabuletorum* (Domin) Klokov
 91. ! *Catabrosa aquatica* (L.) P. Beauv.*
 92. ! *Rostraria cristata* (L.) Tzvelev (*Lophochloa cristata* (L.) Hyl.)
 93. !! *Melica flavescens* (Schur) Simonk. (*M. transsilvanica* Schur subsp. *klokovii* Tzvelev)
 Note. First recorded by Tzvelev (1983b; LE, conf. MW).
 94. !! *M. monticola* Prokudin (*M. ciliata* L. subsp. *montana* (Prokudin) Tzvelev)
 95. ! *M. taurica* K. Koch (*M. ciliata* L. subsp. *taurica* (K. Koch) Tzvelev)
 96. !! *M. transsilvanica* Schur*
 97. !! *Briza elatior* Sibth. & Sm.
 98. ! *B. humilis* M. Bieb. (*Brizochloa humilis* (M. Bieb.) Chrték & Hadač)
 99. ! *Aeluropus littoralis* (Gouan) Pall.
 100. !! *Dactylis glomerata* L. (incl. subsp. *hispanica* (Roth) Nym.)
 – lit. *Cynosurus echinatus* L. (Wulff 1951 after Lespinasse)
 101. !! *Sclerochloa dura* (L.) P. Beauv.
 102. ! *Poa angustifolia* L. (*P. pratensis* L. subsp. *angustifolia* (L.) Arcang.)
 103. !! *P. annua* L.*
 104. !! *P. bulbosa* L. (incl. subsp. *vivipara* (Koeler) Arcang.)
 105. !! *P. compressa* L.
 – lit. *P. fagorum* P. A. Smirn. (*P. longifolia* auct. non Trin.) (Smirnov 1965)
 106. ! *P. nemoralis* L.
 107. ! *P. pratensis* L.
 108. ! *P. sterilis* M. Bieb.
 109. ! *P. sylvicola* Guss. (*P. trivialis* L. subsp. *sylvicola* (Guss.) H. Lindb.; *P. trivialis* auct. non L.)
 110. ! *Glyceria notata* Chevall. (*G. plicata* (Fries) Fries)
 111. !! *Puccinellia distans* (Jacq.) Parl.*
 112. !! *P. gigantea* (Grossh.) Grossh.*
 113. ! *Festuca arundinacea* Schreb. subsp. *orientalis* (Hack.) Tzvelev (*F. orientalis* (Hack.) V. I. Krecz. & Bobrov)
 114. ! *F. gigantea* (L.) Vill.
 115. ! *F. pratensis* Huds.
 116. *F. rubra* L.
 ! subsp. *rubra*
 Note. First recorded by Smirnov (1965; MW, LE).
 ! subsp. *commutata* Gaudin (subsp. *fallax* auct. non (Thuill.) Nym.; *F. fallax* auct. non Thuill.) AN
 Note. First recorded by Tzvelev (1983b; LE).
 117. !! *F. valesiaca* Gaudin
 118. !! *Nardurus maritimus* (L.) Murb. subsp. *aristatus* (W. D. J. Koch) Tzvelev (*N. tenuiflorus* auct. non (Schrad.) Boiss. p. p.)
 119. ! *Vulpia ciliata* Dumort.
 120. !! *V. myuros* (L.) C. C. Gmel.*
 121. ! *Scleropoa rigida* (L.) Griseb.
 122. ! *Anisantha madritensis* (L.) Nevski

123. ! *A. sterilis* (L.) Nevski
 124. !! *A. tectorum* (L.) Nevski
 125. ! *Bromopsis benekenii* (Lange) Holub (*B. ramosa* (Huds.) Holub subsp. *benekenii* (Lange) Tzvelev)
 126. ! *B. heterophylla* (Klokov) Holub (*B. riparia* (Rehman) Holub subsp. *heterophylla* (Klokov) Tzvelev; *B. cappadocica* auct. non (Boiss. & Balansa) Holub)
 127. ! *B. riparia* (Rehman) Holub s. str.*
 128. ! *B. taurica* Sljussarenko* (*B. riparia* (Rehman) Holub subsp. *fibrosa* auct. non (Hack.) Tzvelev)
 129. ! *Bromus commutatus* Schrad.
 130. ! *B. japonicus* Thunb. AN
 – lit. (?) *B. lanceolatus* Roth (*B. macrostachys* Desf.) (Wulff 1951 after Lespinasse) A
 131. ! *B. mollis* L.
 132. ! *B. squarrosus* L.
 133. ! *Monerma cylindrica* (Willd.) Coss. & Durieu
 Note. First recorded by Steven (doubted by Wulff 1951) and was later confirmed by Tzvelev (1968; LE).
 134. ! *Parapholis incurva* (L.) C. E. Hubb.
 Note. First recorded by Tzvelev (1983b; LE).
 135. ! *Brachypodium pinnatum* (L.) P. Beauv. s. str.
 136. ! *B. rupestre* (Host) Roem. & Schult. (*B. pinnatum* (L.) P. Beauv. subsp. *rupestre* (Host) Tzvelev)
 137. !! *B. sylvaticum* (Huds.) P. Beauv. (incl. subsp. *pubescens* (Peterm.) Tzvelev & subsp. *spryginii* Tzvelev)
 138. ! *Trachynia distachya* (L.) Link
 139. ! *Lolium loliaceum* (Bory & Chaub.) Hand.-Mazz.
 140. !! *L. perenne* L.
 – lit. *L. rigidum* Gaudin (Wulff 1951 after Lespinasse)
 141. ! *Psilurus incurvus* (Gouan) Schinz & Thell.
 142. *Agropyron cristatum* (L.) P. Beauv.
 ! subsp. *pectinatum* (M. Bieb.) Tzvelev (*A. pectinatum* (M. Bieb.) P. Beauv.; *A. pectiniforme* Roem. & Schult.)
 !! subsp. *ponticum* (Nevski) Tzvelev (*A. ponticum* Nevski)
 143. ! *Elymus caninus* (L.) L.
 144. !! *Elytrigia obtusiflora* (DC.) Tzvelev (*E. ruthenica* (Griseb.) Prokudin; *E. elongata* auct. non (Host) Nevski)
 145. *E. intermedia* (Host) Nevski
 ! subsp. *intermedia*
 ! subsp. *barbulata* (Schur) Á. Löve (subsp. *trichophora* (Link) Tzvelev = *E. trichophora* (Link) Nevski)
 146. ! *E. bessarabica* (Săvul. & Rayss) Prokudin (*E. juncea* (L.) Nevski subsp. *bessarabica* (Săvul. & Rayss) Tzvelev)
 147. ! *E. nodosa* (Nevski) Nevski (*E. caespitosa* (K. Koch) Nevski subsp. *nodosa* (Nevski) Tzvelev)
 148. *E. repens* (L.) Desv. ex Nevski

- !! subsp. *repens*
! subsp. *elongatiformis* (Drob.) Tzvelev (*E. elongatiformis* (Drob.) Nevski; *E. maeotica* (Prokudin) Prokudin)
149. !! *E. scythica* (Nevski) Nevski (*E. geniculata* (Trin.) Nevski subsp. *scythica* (Nevski) Tzvelev)
150. ! *Dasyphyrum villosum* (L.) P. Candargy (*Haynaldia villosa* (L.) Schur)
151. ! *Aegilops biuncialis* Vis.
152. ! *A. cylindrica* Host
153. ! *A. geniculata* Roth (*A. ovata* auct. non L.)
154. ! *A. neglecta* Req. ex Bertol. (*A. triaristata* auct. non Willd.)
155. ! *A. triuncialis* L.
156. ! *Triticum boeoticum* Boiss. (*T. thaoudar* Reut. ex Hausskn.) ?AN
157. !! *Hordeum bulbosum* L.
158. ! *H. geniculatum* All. (*H. marinum* Huds. subsp. *gussoneanum* (Parl.) Thell.)
159. !! *H. leporinum* Link (*H. murinum* L. subsp. *leporinum* (Link) Arcang.)
160. ! *H. secalinum* Schreb. (*H. nodosum* auct. non L.)
Note. First recorded by Smirnov (1965; MW, LE).
161. ! *Leymus racemosus* (Lam.) Tzvelev subsp. *sabulosus* (M. Bieb.) Tzvelev (*L. sabulosus* (M. Bieb.) Tzvelev)
> *Taenatherum asperum* (Simonk.) Nevski (*Foros*; Wulff 1951)
– **lit.** *T. crinitum* (Schreb.) Nevski (Wulff 1951 after Rehmann)
162. ! *Phyllostachys bambusoides* Sieb. & Zucc. CN
Note. According Tzvelev (2006), it is the only bamboo largely cultivated in the Crimea. Probably this species is indicated by Zelenetzky (1906) and Stankov (1926) as *Arundinaria glaucescens* P. Beauv.

CYPERACEAE

163. !! *Cyperus fuscus* L.
164. !! *C. glaber* L.
165. ! *Bolboschoenus glaucus* (Lam.) S. G. Sm.* (*B. maritimus* auct. non (L.) Palla p. p.)
166. !! *B. maritimus* (L.) Palla
167. ! *Isolepis setacea* (L.) R. Br. (*Scirpus setaceus* L.)
168. ! *Schoenoplectus hippolytii* (V. I. Krecz.) V. I. Krecz. ex Grossh. (*Scirpus hippolytii* V. I. Krecz.)
Note. First recorded by Egorova (1976), but without specimen details.
169. !! *S. lacustris* (L.) Palla (*Scirpus lacustris* L.)
> *S. litoralis* (Schrad.) Palla* (*Scirpus litoralis* Schrad.) (*Khadzi-Sala*) AN
170. ! *S. tabernaemontani* (C. C. Gmel.) Palla (*Scirpus tabernaemontani* C. C. Gmel.)
171. ! *Scirpoides holoschoenus* (L.) Soják (*Holoschoenus vulgaris* Link)
172. ! *Blysmus compressus* (L.) Panz. ex Link
173. ! *Eleocharis mitracarpa* Steud. (*E. argyrolepidoides* Zinserl.)
174. !! *E. palustris* (L.) R. Br.
175. ! *Schoenus nigricans* L.
Note. First recorded by Tzvelev (1983b; LE).

176. ! *Cladium martii* (Roem. & Schult.) K. Richt. (*C. mariscus* (L.) Pohl subsp. *martii* (Roem. & Schult.) T. V. Egorova)
177. ! *Carex caryophyllea* Latourr.*
178. ! *C. contigua* Hoppe
179. !! *C. cuspidata* Host
180. ! *C. depauperata* Curt. ex With.
181. ! *C. digitata* L.*
182. ! *C. distans* L.
183. ! *C. divisa* Huds.
184. ! *C. extensa* Good.
185. !! *C. halleriana* Asso
186. ! *C. hirta* L.
187. ! *C. humilis* Leyss.
188. !! *C. liparocarpos* Gaudin (*C. nitida* Host non Hoppe)
189. ! *C. melanostachya* M. Bieb. ex Willd.
190. ! *C. michelii* Host
191. ! *C. nigra* (L.) Reichard
Note. First recorded by Smirnov (1965; MW, LE).
192. ! *C. otrubae* Podp.* (*C. vulpina* auct. non L.)
193. !! *C. pendula* Huds.*
194. ! *C. polyphylla* Kar. & Kir.
195. !! *C. remota* L.*
196. ! *C. stenophylla* Wahlenb.
197. ! *C. sylvatica* Huds.
198. ! *C. tomentosa* L.

ARACEAE

- **lit.** *Arum albispatum* Steven ex Ledeb. (Wulff 1929 after Steven)
199. ! *A. elongatum* Steven

LEMNACEAE

200. !! *Lemna minor* L.* AN

JUNCACEAE

201. !! *Juncus articulatus* L.
202. ! *J. bufonius* L.
203. ! *J. compressus* Jacq.
204. ! *J. gerardii* Loisel.
205. !! *J. inflexus* L.
206. !! *J. maritimus* Lam.
207. ! *J. sphaerocarpus* Nees*
208. !! *Luzula forsteri* (Sm.) DC.
209. ! *L. multiflora* (Ehrh. ex Retz.) Lej. subsp. *taurica* (V. I. Krecz.) Novikov

MELANTHIACEAE

210. !! *Colchicum umbrosum* Steven

ASPHODELACEAE

211. !! *Asphodeline lutea* (L.) Rchb.
 212. ! *A. taurica* (M. Bieb.) Kunth
 > *Anthericum ramosum* L. (*Mangup-Kale, Foros*)

LILIACEAE

213. !! *Gagea bohémica* (Zauschn.) Schult. & Schult. f.* (*G. callieri* Pasch.)
 214. ! *G. granatellii* (Parl.) Parl.
 215. ! *G. germaniae* Grossh.
 216. !! *G. transversalis* Steven
 217. !! *G. villosa* (M. Bieb.) Sweet s. l. (*G. arvensis* Dumort. nom. illeg.; incl. *G. dubia* Terr.)
Note. *G. dubia* is included into *G. villosa* after Zernov (2006).

ALLIACEAE

218. !! *Allium atroviolaceum* Boiss.
 219. ! *A. cyrilli* Ten. (*A. auctum* Omelczuk)
Note. First recorded by Vakhtina & Kudryashova (1982; LE, conf. KW, YALT, MW, MHA).
 220. ! *A. decipiens* Fisch. ex Schult. & Schult. f. subsp. *quercetorum* Seregin (*A. auctum* auct. non Omelczuk p. p.)
Note. Paratypes cited in protologue (Seregin 2007) originate from the Sevastopol area (LE, KW, MW, YALT).
 221. *A. jajlae* Vved.
 !! var. *baidarensense* Seregin var. nov.
 Ab *A. jajlae* var. *jajlae* umbellifer capsulifero-bulbilliferis (nec solum capsuliferis) differt. – From *A. jajlae* var. *jajlae* differs with umbels producing flowers and bulbils (not flowers only).
Holotypus: Orlinoje forestry, 0,5 km to NE from Baydarskiye Vorota pass, top of the Main ridge, 44°24'40"N, 33°47'10"E, steppe glade with *Filipendula vulgaris*; among *A. jajlae* var. *jajlae*, alt. 600 m, 20.08.2004, Seregin T-790 (MW).
 !! var. *jajlae**
 222. !! *A. kunthianum* Vved. (*A. paniculatum* auct. non L.)
 223. !! *A. marschallianum* Vved. (*A. saxatile* auct. non M. Bieb. p. p.)
 224. !! *A. moschatum* L. (*A. inaequale* auct. non Janka)
 225. !! *A. paczoskianum* Tuzson
 226. ! *A. rotundum* L. s. l.
 227. !! *A. rupestre* Steven
 228. ! *A. scorodoprasum* L.
Note. First recorded by Seregin (2004; LE).
 229. !! *A. sphaerocephalon* L.
 230. ! *A. vineale* L.

HYACINTHACEAE

231. !! *Scilla autumnalis* L.
 232. !! *S. bifolia* L.
 233. ! *S. siberica* Haw.
 234. !! *Ornithogalum fimbriatum* Willd.
 235. ! *O. flavescens* Lam.
 236. ! *O. ponticum* Zahar.
 237. ! *O. refractum* Willd.
 238. ! *O. woronowii* Krasch.
 239. !! *Bellevalia lipskyi* (Miscz.) E. Wulff
 240. ! *B. sarmatica* (Pall. ex Georgi) Woronow
 241. ! *Hyacinthella leucophaea* (K. Koch) Schur
 242. ! *Muscari comosum* (L.) Mill. (*Leopoldia comosa* (L.) Parl.; incl. *L. tubiflora* (Steven) Juz. = *M. tubiflorum* Steven)
 243. !! *M. neglectum* Guss. (*M. racemosum* (L.) Mill. nom. conf.)

ASPARAGACEAE

244. ! *Asparagus brachyphyllus* Turcz. (incl. *A. ponticus* Woronow)
 245. ! *A. litoralis* Steven
 246. ! *A. officinalis* L.
 247. !! *A. polyphyllus* Steven
 248. !! *A. verticillatus* L.
 249. ! *Ruscus hypoglossum* L.
 250. !! *R. ponticus* Woronow ex Grossh.

CONVALLARIACEAE

251. ! *Polygonatum latifolium* Desf.
 252. ! *P. odoratum* (Mill.) Druce
 253. ! *P. orientale* Desf. (*P. polyanthemum* (M. Bieb.) Dietr.)
 254. !! *Convallaria majalis* L.

AMARYLLIDACEAE

255. !! *Galanthus plicatus* M. Bieb.
 256. ! *Leucojum aestivum* L.
 257. ! *Sternbergia colchiciflora* Waldst. & Kit.

DIOSCOREACEAE

- > *Tamus communis* L.* (Eski-Kermen)

IRIDACEAE

258. !! *Crocus angustifolius* Weston (*C. susianus* Ker-Gawl.)
 259. ! *C. pallasii* Goldb.
 260. ! *C. speciosus* M. Bieb.
 261. ! *Iris pseudacorus* L.
 262. !! *I. pumila* L. (*I. taurica* Lodd.)

263. ! *Gladiolus italicus* Mill.* (*G. segetum* Ker-Gawl.)
 264. !! *G. tenuis* M. Bieb. (*G. imbricatus* auct. non L.; *G. communis* auct. non L.)

ORCHIDACEAE

265. ! *Ophrys oestrifera* M. Bieb. (incl. subsp. *cornuta* (Steven) Soó)
 > *O. taurica* (Aggeenko) Nevski (*O. mammosa* auct. non Desf. p. p.) (*Mangup-Kale*)
 266. ! *Comperia comperiana* (Steven) Asch. & Graebn.
 267. ! *Dactylorhiza iberica* (M. Bieb. ex Willd.) Soó
 268. ! *D. incarnata* (L.) Soó
 269. ! *D. romana* (Sebast.) Soó
 270. ! *Orchis fragrans* Pollini (*O. coriophora* auct. non L. p. p.)
 271. ! *O. ×jailae* Soó (*O. mascula* (L.) L. subsp. *signifera* (Vest) Soó × *O. provincialis* Balb.)
 272. ! *O. laxiflora* Lam. (*O. palustris* auct. non Jacq. p. p.)
 273. *O. mascula* (L.) L.
 ! subsp. *signifera* (Vest) Soó
 > subsp. *wanjkowii* (E. Wulff) Soó (*Mangup-Kale*)
 274. ! *O. militaris* L.
 275. ! *O. pallens* L.
 276. ! *O. picta* Loisel. (*O. morio* auct. non L. p. p.)
 277. ! *O. provincialis* Balb.
 278. ! *O. punctulata* Steven ex Lindl.
 279. ! *O. purpurea* Huds.
 280. ! *O. simia* Lam.
 281. ! *O. tridentata* Scop.
 282. ! *O. ×wulfiana* Soó (*O. punctulata* Steven ex Lindl. × *O. purpurea* Huds.)
 283. ! *Himantoglossum caprinum* (M. Bieb.) K. Koch
 284. ! *Anacamptis pyramidalis* (L.) Rich.
 285. ! *Coeloglossum viride* (L.) C. Hartm.
 286. ! *Gymnadenia conopsea* (L.) R. Br.
 287. ! *Platanthera bifolia* (L.) Rich.
 Note. First recorded by Golubev (1984) based upon Rusina collections (YALT).
 288. ! *P. chlorantha* (Cust.) Rchb.
 289. ! *Stenieniella satyrioides* (Steven) Schltr.
 290. ! *Cephalanthera damasonium* (Mill.) Druce
 291. ! *C. longifolia* (L.) Fritsch
 292. ! *C. rubra* (L.) Rich.
 293. ! *Epipactis helleborine* (L.) Crantz
 294. ! *E. microphylla* (Ehrh.) Sw.
 295. ! *E. palustris* (L.) Crantz
 296. ! *Limodorum abortivum* (L.) Sw.
 297. ! *Listera ovata* (L.) R. Br.
 298. ! *Neottia nidus-avis* (L.) Rich.

SALICACEAE

299. !! *Populus alba* L.

- lit. *P. ×canescens* (Aiton) Sm. (*P. alba* L. × *P. tremula* L.) (Wulff 1947 after Zelenetzky)
300. !! *P. italica* (Du Roi) Moench* CN
301. !! *P. nigra* L.
302. ! *P. tremula* L.
303. !! *Salix alba* L.
304. !! *S. babylonica* L.* CN
305. !! *S. caprea* L.*
306. ! *S. cinerea* L.
307. !! *S. purpurea* L.
308. ! *S. ×rubens* Schrank (*S. alba* L. × *S. fragilis* L.) CN
309. !! *S. triandra* L.*

BETULACEAE

310. ! *Carpinus betulus* L.
311. !! *C. orientalis* Mill.
312. !! *Corylus avellana* L.
313. !! *Alnus glutinosa* (L.) Gaertn.

FAGACEAE

314. ! *Fagus orientalis* Lipsky (*F. taurica* Popl.; *F. sylvatica* auct. non L.)
315. !! *Quercus petraea* L. ex Liebl. (incl. subsp. *medwediewii* (A. Camus) Menitsky)
316. !! *Q. pubescens* Willd.
317. ! *Q. robur* L. (incl. subsp. *pedunculiflora* (K. Koch) Menitsky)

ULMACEAE

318. !! *Ulmus campestris* L. (*U. carpinifolia* Rupp. ex Suckow; incl. *U. suberosa* Moench)
319. !! *U. glabra* Huds.
320. ! *Celtis planchoniana* K. I. Chr. (*C. glabrata* Steven ex Planch. nom. illeg.; *C. tournefortii* auct. non Lam.)

MORACEAE

321. !! *Maclura pomifera* (Raf.) Schneid.* CN?
322. ! *Morus alba* L. CN
323. !! *Ficus carica* L. CN

CANNABACEAE

324. !! *Humulus lupulus* L.

URTICACEAE

325. ! *Urtica dioica* L.
326. ! *U. pilulifera* L.
327. !! *U. urens* L.*

328. !! *Parietaria judaica* L. (*P. diffusa* Mert. & W. D. J. Koch)
 329. !! *P. officinalis* L. (*P. erecta* Mert. & W. D. J. Koch)

LORANTHACEAE

330. ! *Arceuthobium oxycedri* (DC.) M. Bieb.
 331. !! *Viscum album* L.

SANTALACEAE

332. !! *Thesium arvense* Horv.
 333. ! *T. brachyphyllum* Boiss.
 Note. First recorded by Romo & al. (2004; KW).
 334. ! *T. krymense* Romo & al.
 Note. One paratype cited in protologue (Romo & al. 2004) is originated from Sevastopol (YALT).

ARISTOLOCHIACEAE

335. ! *Aristolochia clematitis* L.

POLYGONACEAE

- lit. (?) *Rumex bucephalophorus* L. (Wulff 1947 after Lespinasse) A
 336. ! *R. confertus* Willd.
 337. !! *R. conglomeratus* Murr.
 338. !! *R. crispus* L.
 – lit. *R. patientia* L. (Drescher & al. 2007) AN
 339. ! *R. pulcher* L. s. str.
 – lit. *R. sylvestris* (Lam.) Wallr. (*R. obtusifolius* L. subsp. *sylvestris* (Lam.) Čelak.)
 (Wulff 1947 after Lespinasse) A
 340. ! *R. tuberosus* L. subsp. *horizontalis* (K. Koch) Rech. f.
 341. !! *Polygonum amphibium* L.* (*Persicaria amphibia* (L.) S. F. Gray) AN
 342. ! *P. aviculare* L. s. l.
 343. ! *P. convolvulus* L. (*Fallopia convolvulus* (L.) Á. Löve)
 344. ! *P. dumetorum* L. (*Fallopia dumetorum* (L.) Holub)
 345. !! *P. hydropiper* L.* (*Persicaria hydropiper* (L.) Spach)
 346. !! *P. lapathifolium* L. s. l. (*Persicaria lapathifolia* (L.) S. F. Gray; incl. *P. scabra*
 (Moench) Mold.)
 347. ! *P. maritimum* L.
 348. !! *P. persicaria* L. (*Persicaria maculata* (Raf.) S. F. Gray)
 349. ! *P. retinerve* Vorosch.* (*P. arenastrum* Boreau subsp. *caspicum* (Kom.) Tzvelev)

CHENOPODIACEAE

350. ! *Polycnemum majus* A. Br.
 351. ! *Beta trigyna* Waldst. & Kit.
 352. !! *Chenopodium album* L. s. l.
 > *C. foliosum* Asch. (*Mangup-Kale*; Wulff 1947)
 353. ! *C. hybridum* L. AN
 354. !! *C. murale* L.* AN

355. ! *C. opulifolium* Schrad. ex DC.
 356. ! *C. urbicum* L.
 – lit. *C. vulvaria* L. (Wulff 1947 after Taliev)
 357. ! *Atriplex aucheri* Moq.*
 – lit. *A. hortensis* L. (Wulff 1947 after Cosson) CN?
 358. !! *A. micrantha* C. A. Mey.* AN
 359. !! *A. oblongifolia* Waldst. & Kit.
 360. ! *A. patula* L.
 361. ! *A. prostrata* Boucher ex DC. (*A. hastata* auct. non L.)
 362. ! *A. rosea* L.
 363. !! *A. sagittata* Borkh.
 364. !! *A. tatarica* L.
 365. ! *A. verrucifera* M. Bieb.
 366. ! *Ceratocarpus arenarius* L.*
 367. ! *Camphorosma monspeliaca* L.
 – lit. *Bassia hirsuta* (L.) Asch. (Wulff 1947 after Pallas)
 368. !! *B. sedoides* (Pall.) Asch.
 369. ! *Kochia laniflora* (S. G. Gmel.) Borbás
 370. !! *K. prostrata* (L.) Schrad.
 371. ! *K. scoparia* (L.) Schrad.* AN
 372. ! *Salicornia perennans* Willd. (*S. europaea* auct. non L.)
 373. ! *Suaeda altissima* (L.) Pall.
 374. ! *S. acuminata* (C. A. Mey.) Moq. (*S. confusa* Iljin)
 375. !! *Salsola pontica* Degen*
 376. !! *S. soda* L.
 377. ! *S. tragus* L.
 378. !! *Petrosimonia brachiata* (Pall.) Bunge*
 – lit. *P. triandra* (Pall.) Simonk. (Wulff 1947 after Steven)

AMARANTHACEAE

379. !! *Amaranthus albus* L. AN
 380. !! *A. blitoides* S. Watson* AN
 381. ! *A. caudatus* L.* AN
 382. ! *A. deflexus* L.* AN
 383. !! *A. paniculatus* L.* (*A. cruentus* L. nom. ambig.) AN
 384. !! *A. retroflexus* L. AN

PORTULACACEAE

385. ! *Portulaca oleracea* L. s. l. ?CN

CARYOPHYLLACEAE

386. ! *Stellaria media* (L.) Vill. (*Alsine media* L.)
 387. ! *S. neglecta* Weihe (*Alsine neglecta* (Weihe) Á. Löve & D. Löve)
 388. !! *Myosoton aquaticum* (L.) Moench
 389. ! *Cerastium semidecandrum* L. (*C. balearicum* F. Herm.; *C. dentatum* Moeschl)

390. ! *C. glomeratum* Thuill.
> *C. glutinosum* Fries (*Mangup-Kale*)
391. ! *C. holosteoides* Fries (incl. subsp. *glandulosum* (Boenn.) I. V. Sokolova)
392. !! *C. perfoliatum* L.
393. !! *C. brachypetalum* Desp. ex Pers. (*C. tauricum* Spreng.)
394. !! *Holosteum umbellatum* L.
395. ! *Bufoia parviflora* Griseb.
396. !! *Minuartia glomerata* (M. Bieb.) Degen
397. !! *M. hypanica* Klokov (*M. hybrida* auct. non (Vill.) Schischk.)
– lit. *M. pseudohybrida* Klokov (Golubev 1984 after Klokov)
398. ! *M. taurica* (Steven) Graebn.
399. !! *Arenaria leptoclados* (Rchb.) Guss. (incl. subsp. *viscidula* Dvořák)
400. !! *A. serpyllifolia* L. (incl. subsp. *glutinosa* (Mert. & W. D. J. Koch) Arcang.)
401. ! *Moehringia trinervia* (L.) Clairv.
402. ! *Scleranthus verticillatus* Tausch (*S. polycarpus* auct. non L.)
403. ! *Spergularia media* (L.) C. Presl
Note. Recorded as *S. marginata* Kitt. by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1947) (LE, conf. MW).
404. !! *Paronychia cephalotes* (M. Bieb.) Besser (incl. subsp. *pontica* Borhidi & subsp. *taurica* (Borhidi & Sikura) Tzvelev)
405. ! *Herniaria besseri* Fisch. ex Hornem.
406. ! *H. glabra* L.
407. ! *Agrostemma githago* L.
408. ! *Silene commutata* Guss. (*Oberna commutata* (Guss.) Ikonn.)
409. !! *S. conica* L. (*Pleconax conica* (L.) Šourková)
410. ! *S. densiflora* d'Urv.
> *S. dichotoma* Ehrh. (*Zalesnoye* – MHA)
411. !! *S. longiflora* Ehrh.
– lit. (?) *S. nutans* L. (Wulff 1947 after Lespinasse) A
412. ! *S. schottiana* Schur (*Oberna schottiana* (Schur) Tzvelev; *S. csereii* auct. non Baumg.)
413. ! *S. subconica* Friv. (*Pleconax subconica* (Friv.) Šourková)
Note. First recorded by Ikonnikov (2004), but without specimen details.
– lit. *S. viridiflora* L. (Wulff 1947 after Lespinasse)
Note. The closest specimen based record is on Mangup-Kale.
– lit. *Melandrium latifolium* (Boiss.) Maire (*M. boissieri* Schischk.) (Wulff 1947 after several authors)
414. ! *M. eriocalycinum* Boiss. (*M. album* auct. non (Mill.) Garcke)
415. ! *M. noctiflorum* (L.) Fries (*Elisanthe noctiflora* (L.) Willk.)
416. ! *Cucubalus baccifer* L.
417. !! *Gypsophila glomerata* Pall. ex Adam (incl. *G. pallasii* Ikonn.)
418. !! *G. perfoliata* L.
419. ! *Kohlruschia prolifera* (L.) Kunth
– lit. *Vaccaria hispanica* (Mill.) Rauschert (incl. subsp. *pyramidata* (Medik.) Holub) (Wulff 1947 after Cosson)

420. ! *Dianthus armeria* L.
 421. !! *D. capitatus* Balb. ex DC.
 – lit. *D. humilis* Willd. ex Ledeb. (Wulff 1947 after Kryštofovich)
 422. ! *D. marschallii* Schischk.
 423. ! *D. pinifolius* Sm. (*D. pontederiae* auct. non A. Kern.)
 Note. First recorded by Tzvelev (1983a; LE), additional specimens cited by Kuzmina (2004; LE).
 424. ! *D. pseudarmeria* M. Bieb.
 425. ! *Saponaria glutinosa* M. Bieb.
 – lit. *S. officinalis* L. (Wulff 1947 after Cosson, Zinovyeva)
 426. ! *Velesia rigida* L.

CERATOPHYLLACEAE

427. !! *Ceratophyllum demersum* L.*

PAEONIACEAE

428. !! *Paeonia daurica* Andrews (*P. triternata* Pall. ex DC.)
 429. ! *P. ×saundersii* Stebbins (*P. ×hybrida* Pall. ex Maleev; *P. tenuifolia* L. × *P. daurica* Andrews)
 430. !! *P. tenuifolia* L.

RANUNCULACEAE

431. !! *Nigella arvensis* L. (incl. subsp. *glauca* (Schkuhr) Terrac.)
 432. ! *N. damascena* L. (incl. subsp. *minor* (Boiss.) Terrac.)
 – lit. *N. garidella* Spenn. (*Garidella nigellastrum* L.) (Wulff 1947 after Aggeenko, Taliev)
 433. ! *N. segetalis* M. Bieb.
 434. ! *Consolida divaricata* (Ledeb.) Schröding.
 435. ! *C. orientalis* (J. Gay) Schröding. AN
 436. !! *C. paniculata* (Host) Schur
 437. ! *Delphinium pallasii* Nevski
 438. ! *Pulsatilla halleri* (All.) Willd. subsp. *taurica* (Juz.) K. Krause (*P. taurica* Juz.)
 439. !! *Clematis vitalba* L.
 440. ! *Batrachium rionii* (Lagger) Nym.*
 Note. This specimen was named *Ranunculus aquatilis* L. s.l. by Fedtschenko & Fedtschenko (1901) and erroneously attributed later to *B. divaricatum* (Schränk) Wimm. (*B. trichophyllum* auct. non (Chaix) Bosch) in “Flora Taurica” (Wulff 1947).
 441. ! *Ceratocephala falcata* (L.) Pers. s. str.* (incl. *C. platyceras* Steven)
 Note. *C. platyceras* first recorded by Tzvelev (2001), but without specimen details.
 442. !! *C. incurva* Steven* (*C. falcata* auct. non (L.) Pers. p. p.)
 Note. *C. incurva* were not separated from *C. falcata* s.l. in «Flora Taurica» (Wulff 1947), that is why I am citing specimens for both species.
 443. ! *C. testiculata* (Crantz) Besser (*C. orthoceras* DC.)
 444. !! *Ficaria calthifolia* Rchb.
 445. ! *F. verna* Huds.

446. ! *Ranunculus arvensis* L.
 447. ! *R. chius* DC.*
 448. !! *R. constantinopolitanus* (DC.) d'Urv.
 449. ! *R. illyricus* L.
 450. ! *R. neapolitanus* Ten.
 451. ! *R. ophioglossifolius* Vill.
 452. ! *R. oxyspermus* Willd.
 > *R. polyanthemus* L. (*Mangup-Kale*)
 453. ! *R. repens* L.
 454. ! *R. sardous* Crantz (*R. pseudobulbosus* Schur)
 455. !! *R. sceleratus* L.
 Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE, conf. MW).
 456. ! *R. trachycarpus* Fisch. & C. A. Mey.
 457. !! *Thalictrum minus* L. s. l. (incl. subsp. *flexuosum* (Bernh. ex Rchb.) Krupkina & subsp. *olympicum* (Boiss. & Heldr.) Strid)
 458. !! *Adonis aestivalis* L.
 459. !! *A. flammea* Jacq.
 460. ! *A. vernalis* L. (*Chrysocyathus vernalis* (L.) Holub)

BERBERIDACEAE

461. *Berberis vulgaris* L.
 ! subsp. *orientalis* (Schneid.) Takht.
 ! subsp. *vulgaris* (incl. subsp. *sprygini* Tzvelev)

PAPAVERACEAE

462. ! *Glaucium corniculatum* (L.) Rudolph
 463. !! *G. flavum* Crantz
 464. ! *Roemeria hybrida* (L.) DC.
 Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE, conf. GZU).
 465. ! *Papaver albiflorum* (Elkan) Pacz.
 466. ! *P. argemone* L.
 Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE, conf. MW).
 467. ! *P. hybridum* L.
 468. ! *P. laevigatum* M. Bieb. (incl. *P. maeoticum* Klokov; *P. tumidulum* Klokov)
 469. *P. rhoeas* L.
 ! var. *rhoeas*
 Note. Recorded by Fedtschenko & Fedtschenko (1899) and Zelenetzky (1906), but these records were neglected by Wulff (1947) (LE, conf. MW).
 ! var. *strigosum* Boenn. (*P. strigosum* (Boenn.) Schur)
 Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE, conf. MW, MHA).
 470. ! *P. somniferum* L. CN?

Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE?).

471. !! *P. stevenianum* Mikheev* (*P. dubium* auct. non L. p. p.)
 > *P. tichomirovii* Mikheev* (*P. dubium* auct. non L. p. p.) (*Mangup-Kale*)

FUMARIACEAE

472. !! *Corydalis paczoskii* N. Busch

473. ! *Fumaria kralikii* Jord.

474. !! *F. officinalis* L.

Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE, conf. MW, MHA).

475. *F. vaillantii* Loisel.

Note. Recorded by Fedtschenko & Fedtschenko (1899), but this record was neglected by Wulff (1947) (LE?).

CRUCIFERAE

476. ! *Cardaria draba* (L.) Desv. (*Lepidium draba* L.)

477. ! *Lepidium campestre* (L.) R. Br.

478. !! *L. graminifolium* L.

479. !! *L. latifolium* L.

480. !! *L. perfoliatum* L.

481. ! *L. ruderale* L.

> *L. sativum* L. (*Southern Coast between Baydarskiye Vorota pass and Shaytan-Merdven pass*)

482. ! *Coronopus squamatus* (Forssk.) Asch. (*Lepidium squamatum* Forssk.)

– **lit.** *Iberis amara* L. (Wulff 1947 after Taliev)

> *I. pinnata* L. (*Opolznevoye*)

483. ! *I. saxatilis* L.

484. !! *I. simplex* DC. (*I. taurica* DC.)

485. ! *Thlaspi macranthum* (Lipsky) N. Busch

486. !! *T. perfoliatum* L.

487. !! *T. praecox* Wulf.

488. !! *Alliaria petiolata* (M. Bieb.) Cavara & Grande

> *Sobolewskia sibirica* (Willd.) P. W. Ball (*S. lithophila* M. Bieb. nom. illeg.) (*below Merdven*)

489. ! *Sisymbrium confertum* Steven ex Turcz.

490. ! *S. officinale* (L.) Scop.

491. !! *S. orientale* L.

492. ! *Cakile euxina* Pobed.

493. ! *Myagrimum perfoliatum* L.

494. ! *Isatis tinctoria* L.

495. ! *Brassica armoracioides* Czern. ex Turcz. (*Erucastrum armoracioides* (Czern. ex Turcz.) Cruchet)

496. ! *B. campestris* L.

– **lit.** *Sinapis alba* L. (Wulff 1947 after Cosson)

497. ! *S. arvensis* L.
 498. ! *Hirschfeldia incana* (L.) Lagr.-Foss.
 499. ! *Diplotaxis muralis* (L.) DC. (*D. viminea* auct. non (L.) DC.)
 500. !! *D. tenuifolia* (L.) DC.
 501. ! *Raphanus maritimus* Sm.
 502. !! *Calepina irregularis* (Asso) Thell.
 503. ! *Crambe maritima* L. (*C. pontica* Steven ex Rupr.)
 > *C. pinnatifida* R. Br. (between *Bakhchisaray* and *Syuren*)
 – lit. *C. tatarica* Sebeòk (Zelenetzky 1906)
 > *Rapistrum rugosum* (L.) All. (*Foros*)
 – lit. *Conringia orientalis* (L.) Dumort. (Wulff 1947 after Cosson)
 504. ! *Barbarea arcuata* (Opiz ex J. Presl & C. Presl) Rchb.
 505. !! *Nasturtium officinale* R. Br.*
 506. ! *Rorippa austriaca* (Crantz) Besser*
 507. !! *R. sylvestris* (L.) Besser
 508. !! *Cardamine graeca* L.
 509. !! *C. hirsuta* L.
 510. !! *Dentaria quinquefolia* M. Bieb.
 511. !! *Hornungia petraea* (L.) Rchb. (*Hutchinsia petraea* (L.) R. Br.)
 512. ! *Capsella bursa-pastoris* (L.) Medik.
 513. !! *Camelina rumelica* Velen.
 514. ! *Draba cuspidata* M. Bieb.
 515. ! *D. muralis* L.
 516. !! *Erophila verna* (L.) Besser s. l. (incl. *E. praecox* (Steven) DC.)
 517. !! *Descurainia sophia* (L.) Webb ex Prantl
 – lit. *Turritis glabra* L. (Wulff 1947 after Lespinasse)
 518. !! *Arabis auriculata* Lam.
 519. ! *A. caucasica* Willd.
 520. ! *A. sagittata* (Bertol.) DC. (*A. hirsuta* auct. non (L.) Scop.)
 > *A. turrata* L.* (*Eski-Kermen*)
 521. !! *Erysimum cuspidatum* (M. Bieb.) DC.
 522. ! *E. leucanthemum* (Steph.) B. Fedtsch.
 523. ! *E. repandum* L.
 > *Cheiranthus cheiri* L.* (*Foros*) CN
 524. ! *Alyssum alyssoides* (L.) L. (*A. calycinum* L.)
 – lit. (? – det.) *A. calycocarpum* Rupr. (Wulff 1947 after numerous authors)
 525. !! *A. desertorum* Stapf
 526. !! *A. hirsutum* M. Bieb.
 527. !! *A. obtusifolium* Steven ex DC.
 528. !! *A. parviflorum* M. Bieb.
 529. !! *A. rostratum* Steven
 530. ! *A. tortuosum* Waldst. & Kit. ex Willd.
 531. !! *A. trichostachyum* Rupr.
 532. ! *A. umbellatum* Desv.
 533. ! *Meniocus linifolius* (Steph. ex Willd.) DC.

534. !! *Clypeola jonthlaspi* L.
 535. !! *Berteroa incana* (L.) DC.
Note. Recorded by Cosson (1856) and Lespinasse (1880), but these records were neglected by Wulff (1947) (conf. MW).
 536. ! *Fibigia clypeata* (L.) Medik.
 537. ! *Euclidium syriacum* (L.) R. Br.
 538. ! *Hesperis pycnotricha* Borbás & Degen
 539. ! *H. steveniana* DC.
 540. ! *H. tristis* L.
Note. Recorded by Lespinasse (1880) and Fedtschenko & Fedtschenko (1899), but these records were neglected by Wulff (1947) (LE).
 541. !! *Matthiola odoratissima* (Pall. ex M. Bieb.) R. Br.
 > *M. longipetala* (Vent.) DC. (*M. oxyceras* DC.) (*Opolznevoye; Wulff 1947 after Golde*) CN
 542. ! *Bunias orientalis* L.
 543. ! *Chorispora tenella* (Pall.) DC.

CAPPARACEAE

544. ! *Capparis herbacea* Willd. (*C. spinosa* auct. non L.)

RESEDACEAE

545. !! *Reseda lutea* L.
 546. ! *R. luteola* L.

CRASSULACEAE

547. ! *Sedum acre* L.
 548. !! *S. caespitosum* (Cav.) DC.* (*S. rubrum* (L.) Thell. non Royle ex Edgew.)
 549. ! *S. hispanicum* L.
 550. ! *S. pallidum* M. Bieb.
 551. ! *S. rubens* L.*
 552. ! *S. sediforme* (Jacq.) Pau (*Petrosedum sediforme* (Jacq.) Grulich)
Note. First recorded by Byalt (2001), but without specimen details.
 553. ! *S. urvillei* DC.
Note. Holotype originated from vicinity of Sevastopol.

SAXIFRAGACEAE

554. ! *Saxifraga irrigua* M. Bieb.
 555. !! *S. tridactylites* L.

GROSSULARIACEAE

556. !! *Ribes aureum* Pursh CN
Note. First recorded by Seregin (2006; MW).

ROSACEAE

557. !! *Spiraea crenata* L.* CN

558. ! *S. hypericifolia* L.
 559. !! *Cotoneaster horizontalis* Decne* CN?
 560. ! *C. integerrimus* Medik.
 561. !! *C. tauricus* Pojark.
 562. ! *Pyracantha coccinea* M. Roem.
 563. ! *Malus praecox* (Pall.) Borkh.
 564. !! *Pyrus elaeagnifolia* Pall.
 565. ! *P. pyrastrer* (L.) Burgsd. (*P. communis* auct. non L.)
 566. !! *Sorbus domestica* L.
 567. ! *S. turcica* Zinserl. (*S. taurica* Zinserl.)
 568. !! *S. torminalis* (L.) Crantz
 569. ! *Amelanchier ovalis* Medik. (*A. rotundifolia* (Lam.) Dum.-Cours.)
 570. ! *Crataegus microphylla* K. Koch
 571. !! *C. monogyna* Jacq.*
 572. !! *C. orientalis* Pall. ex M. Bieb.
 573. ! *C. pentagyna* Waldst. & Kit.
 574. !! *C. rhipidophylla* Gand.* (*C. curvisepala* Lindm.)
 – lit. *C. taurica* Pojark. (Rubtzov 1972)
 575. ! *Mespilus germanica* L.
 576. !! *Rubus caesius* L.
 Note. There are also several unnamed *Rubus* specimens.
 577. !! *R. canescens* DC. (incl. subsp. *lloydianus* (Genev.) O. Bólos & Vigo)
 578. !! *R. idaeus* L.* CN
 579. !! *R. praecox* Bertol. (*R. tauricus* auct. non Schltld. ex Juz.)
 580. ! *R. sanguineus* Friv. (*R. anatolicus* (Focke) Focke ex Hausskn.)
 581. !! *Fragaria campestris* Steven* (*F. viridis* Duch. subsp. *campestris* (Steven) Pawł.)
 582. ! *F. vesca* L.
 583. ! *F. viridis* Duch.*
 > *Potentilla argentea* L. (*Mangup-Kale*)
 584. ! *P. callieri* (Th. Wolf) Juz. (*P. astrachanica* auct. non Jacq.)
 585. ! *P. canescens* Besser
 – lit. *P. depressa* Willd. ex Schltld. (Wulff 1960 after Kryshtofovich)
 586. ! *P. geoides* M. Bieb.
 587. ! *P. inclinata* Vill. (*P. pindicola* Hausskn.)
 588. !! *P. micrantha* Ramond ex DC.*
 > *P. pedata* Willd. (*Mangup-Kale*)
 – lit. *P. pilosa* Vill. (Wulff 1960 after Fedtschenko & Fedtschenko)
 589. ! (? – det.) *P. recta* L.
 590. ! *P. reptans* L.
 591. ! *P. taurica* Willd. (*P. angustifolia* auct. non DC.)
 592. !! *Geum urbanum* L.
 593. !! *Filipendula vulgaris* Moench
 > *Alchemilla taurica* Juz. (*A. flabellata* auct. non Buser) (*between Mangup-Kale and Sokolinoye*)
 594. !! *Agrimonia eupatoria* L. subsp. *grandis* (Andrz. ex C. A. Mey.) Bornm.

595. !! *Sanguisorba minor* Scop. subsp. *balearica* (Bourgeau ex Nyman) Muñoz Garmendia & C. Navarro (*Poterium polygamum* Waldst. & Kit.)
596. ! *Rosa agrestis* Savi*
597. ! *R. ×alba* L.*
598. ! *R. andegavensis* Bast.*
599. ! *R. balsamica* Besser* (*R. klukii* Besser)
600. !! *R. canina* L.
601. !! *R. corymbifera* Borkh. (*R. lapidosa* Dubovik)
602. ! *R. dimorpha* Steven ex Besser (*R. tomentosa* auct. non Sm.)
603. ! *R. gallica* L.*
604. ! *R. lupulina* Dubovik
Note. First recorded by Golubev (1984) after Dubovik's identifications in YALT, but without specimen details.
605. ! *R. pimpinellifolia* L. (*R. spinosissima* L. nom. ambig.)
606. ! *R. rubiginosa* L.
607. ! *R. tschatyrdagi* Chrshan.
608. !! *R. turcica* Rouy (*R. horrida* Fisch. ex Crép. non Spreng.)
609. !! *Amygdalus communis* L. CN
Note. First recorded by Drescher & al. (2007), but without specimen details (conf. MW: S outskirts of Sevastopol, between Lermontov Cape and Fiolent Cape, 44°30'40"N, 33°28'50"E, eroded slope at the S foot of vertical limestone rock with very sparse vegetation, along temporary watercourse; quite naturalized, alt. 30 m, 11.09.2003, *Seregin T-454 & Privalova*).
610. ! *A. nana* L.
611. ! *Cerasus avium* (L.) Moench
Note. Recorded by Fedtschenko & Fedtschenko (1904), but this record was neglected by Wulff (1960) (LE, conf. MW, YALT, NNSU).
612. ! *C. mahaleb* (L.) Mill.
613. ! *Prunus insititia* L.* CN
614. !! *P. spinosa* L.

LEGUMINOSAE

615. ! *Cercis siliquastrum* L. CN
 – (? – loc.) *Argyrolobium biebersteinii* P. W. Ball (Sredinsky, additional note on specimen label)
Note. The closest specimen based record is in Kuybyshevo.
616. !! *Spartium junceum* L. CN
617. ! *Genista albida* Willd.
618. ! *G. godetii* Spach
619. ! *G. pontica* (Zelen.) Juz.*
620. ! *G. taurica* Dubovik (*G. depressa* auct. non M. Bieb.)
621. ! *Laburnum anagyroides* Medik. CN
622. ! *Chamaecytisus polytrichus* (M. Bieb.) Rothm.
623. ! *C. ruthenicus* (Fisch. ex Woł.) Klásk.
624. ! *C. wulffii* (V. I. Krecz.) Klásk.

625. ! *Ononis leiosperma* Boiss. (*O. campestris* W. D. J. Koch subsp. *leiosperma* (Boiss.) Širj.)
626. !! *O. pusilla* L.
627. ! *O. arvensis* L.
628. ! *Trigonella brachycarpa* (Fisch.) Moris
Note. First recorded by Vassilczenko (1987), but without specimen details.
629. ! *T. cretacea* (M. Bieb.) Taliev (*Crimea cretacea* (M. Bieb.) Vass.)
630. !! *T. gladiata* Steven ex M. Bieb.
631. !! *T. monspeliaca* L.
632. ! *T. smyrnea* Boiss.
633. ! *T. spicata* Sibth. & Sm.
 – **lit.** *T. striata* L. f. (*T. tenuis* Fisch. ex M. Bieb.) (Wulff 1960 after Aggeenko)
634. ! *Medicago arabica* (L.) Huds.
635. ! *M. denticulata* Willd.
636. !! *M. falcata* L. s. l. (incl. subsp. *romanica* (Prod.) Schwarz & Klinkovski = *M. romanica* Prod.)
637. ! *M. glandulosa* (Mert. & W. D. J. Koch) Davidov*
638. !! *M. lupulina* L.
639. ! *M. marina* L.
 > *M. meyeri* Grun. (*Mangup-Kale* – LE)
640. !! *M. minima* (L.) Bartalini
641. ! *M. orbicularis* (L.) Bartalini
642. ! *M. praecox* DC.
643. !! *M. rigidula* (L.) All. (*M. agrestis* Ten.)
644. !! *M. sativa* L.
 – **lit.** *M. saxatilis* M. Bieb. (Wulff 1960 after Steven, Schmalhausen)
Note. The closest specimen based record is on Mangup-Kale.
 – **lit.** (?) *M. scutellata* (L.) Mill. (Wulff 1960 after Lespinasse, Taliev) A
645. ! *M. truncatula* Gaertn.*
646. !! *M. ×varia* Martyn* (*M. falcata* L. × *M. sativa* L.)
647. !! *Melilotus albus* Medik.
648. ! *M. indicus* (L.) All. ?AN
Note. First recorded by Lespinasse (doubted by Wulff 1960) and was later collected by Tzvelev (1983b; LE).
649. ! *M. neapolitanus* Ten.
650. ! *M. officinalis* (L.) Pall.
 – **lit.** (?) *M. sulcatus* Desf. (Wulff 1960 after Lespinasse) A
651. !! *M. tauricus* (M. Bieb.) Ser.
652. ! *Trifolium alpestre* L.*
653. ! *T. ambiguum* M. Bieb.
654. ! *T. angustifolium* L.
655. !! *T. arvense* L.
 – **lit.** *T. aureum* Poll. (*Chrysaspis aurea* (Poll.) Greene) (Wulff 1960 after Lèveillé)
656. !! *T. bonannii* C. Presl* (*T. neglectum* C. A. Mey.)
657. ! *T. campestre* Schreb. (*Chrysaspis campestris* (Schreb.) Desv.)

658. ! *T. caucasicum* Tausch
 659. ! *T. echinatum* M. Bieb.
Note. First recorded by Bobrov (1987), specimens cited by Seregin (2008; LE, YALT).
 660. ! *T. hirtum* All.*
 661. ! *T. lappaceum* L.*
 662. ! *T. leucanthum* M. Bieb.
 663. ! *T. medium* L.
Note. Recorded by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1960) (LE).
 664. !! *T. pratense* L.
 665. !! *T. repens* L.
 666. ! *T. scabrum* L.
 667. ! *T. striatum* L.
 668. !! *Anthyllis biebersteiniana* Popl.
 669. ! *A. macrocephala* Wend.
 670. ! *A. taurica* Juz.
 671. !! *Dorycnium herbaceum* Vill. (*D. pentaphyllum* Scop. subsp. *herbaceum* (Vill.) Rouy; incl. *D. intermedium* Ledeb.)
 672. !! *Lotus corniculatus* L.
 673. ! *L. frondosus* (Frey) Kuprian.* (*L. corniculatus* auct. non L. p. p.)
 > **L. juzepczukii Seregin nom. nov.*** (*L. tauricus* Juz. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS, 14: 14 (1951) non Hort ex Steud., Nomencl. Bot., ed. 2 (Steudel) 2: 75 (1841)) (*Mangup-Kale*)
 674. !! *L. tenuis* Waldst. & Kit. ex Willd.*
 – **lit. (?) *Tetragonolobus purpureus* Moench** (Wulff 1960 after Cosson, Lespinasse)
A
 675. !! *Psoralea bituminosa* L. subsp. *pontica* (A. P. Khokhr.) Zernov (*P. pontica* A. P. Khokhr.)
 676. ! *Galega officinalis* L.*
 677. ! *Colutea cilicica* Boiss. & Balansa
 > *Astragalus albidus* Waldst. & Kit. (*A. vesicarius* auct. non L.) (*between Belbek and Pirogovka*)
 678. ! *A. arnacantha* M. Bieb.
 – **lit. *A. austriacus* Jacq.** (Wulff 1960 after Paczoski)
Note. The closest specimen based record is in Zalesnoye.
 679. !! *A. contortuplicatus* L. **AN**
Note. First recorded by Seregin (2006; MW).
 680. ! *A. corniculatus* M. Bieb.
 681. ! *A. glaucus* M. Bieb. (*A. dealbatus* Pall. nom. illeg.)
 682. ! *A. dolichophyllus* Pall.
 – **lit. *A. glycyphylloides* DC.** (Wulff 1960 after Overin & Sitovskiy)
 683. ! *A. glycyphyllos* L.
 684. !! *A. hamosus* L.
 685. ! *A. onobrychis* L.
 686. ! *A. oxyglottis* Steven

687. ! *A. ponticus* Pall.
 688. !! *A. rupifragus* Pall. (*A. testiculatus* auct. non Pall.)
 689. ! *A. sinaicus* Boiss.
 690. !! *A. utriger* Pall.
 691. !! *Glycyrrhiza echinata* L.
 – lit. (?) *Scorpiurus muricatus* L. (incl. *S. subvillosus* L.) (Lespinasse 1880)
 692. ! *Coronilla coronata* L.
 693. ! *C. cretica* L.
 694. !! *C. emeroides* Boiss. & Sprun.
 695. ! *C. scorpioides* (L.) W. D. J. Koch
 696. !! *C. varia* L.
 697. !! *Hippocrepis ciliata* Willd.
 698. ! *H. comosa* L.
 699. ! *H. unisiliquosa* L.
 700. ! *Hedysarum candidum* M. Bieb.
 701. ! *H. tauricum* Pall. ex Willd.
 > *Onobrychis jailae* Czernova (*Mangup-Kale* – LE)
 702. !! *O. miniata* Steven
 703. ! *O. pallasii* (Willd.) M. Bieb.
 704. ! *O. transcaucasica* Grossh.
 705. ! *Vicia amphicarpa* Dorthes
 706. ! *V. bithynica* (L.) L.
 707. ! *V. cassubica* L.
 708. ! *V. cracca* L.
 709. ! *V. elegans* Guss. (*V. dalmatica* auct. non A. Kern.)
 710. ! *V. grandiflora* Scop.
 711. ! *V. hirsuta* (L.) S. F. Gray*
 712. ! *V. hybrida* L.
 713. ! *V. loiseleurii* (M. Bieb.) Litv. (*V. litvinovii* Boriss. nom. illeg.)
 714. ! *V. narbonensis* L.
 715. ! *V. olbiensis* Reut. ex Timb.-Lagr.* (*V. lathyroides* auct. non L.)
 716. ! *V. pannonica* Crantz
 717. ! *V. peregrina* L.
 718. ! *V. pilosa* M. Bieb.
V. aggr. sativa L.
 719. ! *V. angustifolia* Reichard
 720. ! *V. cordata* Wulf. ex Hoppe
 721. ! *V. sativa* L. s. str.
 722. ! *V. segetalis* Thuill.*
 – lit. *V. sepium* L. (Wulff 1960 after Kryshstofovich)
 723. ! *V. striata* M. Bieb.
 724. ! *V. tenuifolia* Roth
 725. ! *V. tenuissima* (M. Bieb.) Schinz & Thell.*
 726. ! *V. villosa* Roth
 727. ! *Lens culinaris* Medik. CN

728. !! *L. nigricans* (M. Bieb.) Webb & Berth.
 729. ! *L. orientalis* (Boiss.) Schmalh.
 730. ! *Lathyrus aphaca* L.
 731. ! *L. aureus* (Steven) Brandza
 732. !! *L. cicera* L.
 733. !! *L. digitatus* (M. Bieb.) Fiori
 734. ! *L. lacaitae* Czefr. (*L. pannonicus* auct. non (Jacq.) Garecke)
 735. ! *L. laxiflorus* (Desf.) Kuntze
 736. ! *L. nissolia* L.
 – lit. *L. pallescens* (M. Bieb.) K. Koch (Wulff 1960 after Kryštofovich)
 737. ! *L. pratensis* L.
 738. !! *L. rotundifolius* Willd.
 739. ! *L. saxatilis* (Vent.) Vis.
 740. ! *L. setifolius* L.
 741. !! *L. sphaericus* Retz.
 742. !! *L. tuberosus* L.
 – lit. *Pisum elatius* M. Bieb. (Wulff 1960 after Steven)

GERANIACEAE

743. ! *Geranium asphodeloides* Burm. f. (*G. tauricum* Rupr.)
 744. ! *G. columbinum* L.
 745. ! *G. dissectum* L.
 746. ! *G. lucidum* L.
 747. !! *G. molle* L.
 748. !! *G. purpureum* Vill.
 749. !! *G. pusillum* L.
 750. ! *G. robertianum* L.

Note. Nearly all records in “Flora Taurica” (Wulff 1953) from the Sevastopol area refer to *G. purpureum*. True *G. robertianum* was collected once: Between Shaytan-Merdven pass and Skelya, *Fagus* forest, 6.05.1905, *Busch* (LE).

751. ! *G. rotundifolium* L.
 752. ! *G. sanguineum* L.
 753. ! *G. tuberosum* L.
 754. !! *Erodium ciconium* (L.) L’Hér.
 755. !! *E. cicutarium* (L.) L’Hér.

LINACEAE

756. ! *Linum austriacum* L.
 757. ! *L. catharticum* L.
 758. ! *L. corymbulosum* Rchb. (*L. gallicum* auct. non L.; *L. strictum* auct. non L.)
 759. !! *L. hirsutum* L. subsp. *lanuginosum* (Juz.) T. V. Egorova (*L. lanuginosum* Juz.)
 760. ! *L. marschallianum* Juz.* (*L. austriacum* L. subsp. *marschallianum* (Juz.) Greuter & Burdet)
 761. ! *L. nervosum* Waldst. & Kit.
 762. ! *L. nodiflorum* L. (*L. luteolum* M. Bieb.)

763. ! *L. pallasianum* Schult.
 764. !! *L. squamulosum* Rudolphi (*L. euxinum* Juz.)
 765. ! *L. tauricum* Willd.
 766. !! *L. tenuifolium* L.

ZYGOPHYLLACEAE

767. ! *Peganum harmala* L.
 768. ! *Zygophyllum fabago* L.
 769. !! *Tribulus terrestris* L.

RUTACEAE

770. !! *Haplophyllum thesioides* (Fisch. ex DC.) G. Don
 771. !! *Ruta divaricata* Ten.
 772. ! *Dictamnus gymnostylis* Steven

SIMAROUBACEAE

773. ! *Ailanthus altissima* (Mill.) Swingle CN
Note. First recorded by Kozhevnikova & Rubtzov (1971) (conf. MW: Sevastopol, plantations along road, 19.08.1990, *Belov & Nikiforova*).

POLYGALACEAE

- **lit. (?)** *Polygala austriaca* Crantz (Wulff 1953 after Léveillé) A
 774. !! *P. major* Jacq. (*P. anatolica* Boiss. & Heldr.)
 775. ! *P. supina* Schreb. (*P. andrachnoides* Willd.)

EUPHORBIACEAE

776. !! *Andrachne telephioides* L.
 777. ! *Chrozophora tinctoria* (L.) Raf.
 778. !! *Mercurialis annua* L.
 779. !! *M. ×paxii* Graebn. (*M. ovata* Sternb. & Hoppe × *M. perennis* L.; *M. ×taurica* Juz.; *M. perennis* auct. non L.)
 780. ! *Acalypha australis* L. AN
Note. First recorded by Tzvelev (1983b; LE).
 781. !! *Euphorbia agraria* M. Bieb.
 782. ! *E. aleppica* L.
 783. !! *E. amygdaloides* L.
 784. ! *E. canescens* L.* (*E. chamaesyce* auct. non L. p. p.)
 785. ! *E. chamaesyce* L. s. str.
Note. Recorded by Fedtschenko & Fedtschenko (1904), but this record was neglected by Wulff (1953) (LE).
 786. ! *E. exigua* L.
 787. ! *E. falcata* L.
 788. !! *E. glareosa* Pall. ex M. Bieb. (incl. *E. pseudoglareosa* Klokov)
 789. ! *E. ×goldei* Prokh. (*E. glareosa* Pall. ex M. Bieb. × *E. stepposa* Zoz ex Prokh.)
 790. *E. helioscopia* L.

Note. Subspecies in *E. helioscopia* were not recognized in «Flora Taurica» (Wulff 1953), that is why I am citing specimens for both subspecies.

! subsp. *helioscopia**

!! subsp. *helioscopioides* (Loscos & Pardo) O. Bólos & al.*

791. ! *E. iberica* Boiss.

Note. First recorded by Geltman (2002), but without specimen details (conf. LE: Chersones ruins near Sevastopol, 22.06.1893, O. & B. Fedtschenko).

– lit. *E. ledebourii* Boiss. (Wulff 1953 after Fedtschenko & Fedtschenko)

792. !! *E. myrsinites* L.

793. ! *E. paralias* L.

794. !! *E. peplis* L.

795. ! *E. peplus* L.

Note. First recorded by Lévêillé (doubted by Wulff 1953) and was later collected by Tzvelev & al. (Geltman 2000; LE).

796. !! *E. petrophila* C. A. Mey.

797. ! *E. platyphyllos* L.*

798. ! *E. rigida* M. Bieb.

799. ! *E. sareptana* A. K. Becker

800. ! *E. seguieriana* Neck.*

801. ! *E. stepposa* Zoz ex Prokh.*

802. !! *E. stricta* L.

803. ! *E. tauricola* Prokh.

804. !! *E. taurinensis* All. (*E. graeca* Boiss. & Sprun.)

805. ! *E. virgata* Waldst. & Kit.

ANACARDIACEAE

806. !! *Pistacia mutica* Fisch. & C. A. Mey.

807. !! *Cotinus coggygria* Scop.

808. !! *Rhus coriaria* L.

CELASTRACEAE

809. ! *Euonymus europaeus* L. (incl. subsp. *moldavicus* (Klokov) Grosset = *E. ×moldavicus* Klokov & subsp. *subvellutinus* (Săvul. & Rayss) Grosset = *E. pubescens* Steven)

810. !! *E. latifolius* (L.) Mill.

Note. Recorded by Kryshstofovich (1908), but this record was neglected by Wulff (1953) (LE, conf. MW).

811. !! *E. verrucosus* Scop.

ACERACEAE

812. !! *Acer campestre* L.

813. !! *A. negundo* L.* CN

814. !! *A. platanoides* L. CN

Note. First recorded by Seregin (2006; MW).

815. !! *A. pseudoplatanus* L.* CN

816. !! *A. stevenii* Pojark.

RHAMNACEAE

817. !! *Paliurus spina-christi* Mill.

818. ! *Frangula alnus* Mill.

819. ! *Rhamnus cathartica* L.

VITACEAE

820. ! *Vitis sylvestris* C. C. Gmel.

821. ! *V. vinifera* L. CN

TILIACEAE

822. ! *Tilia begoniifolia* Steven

> *T. dasystyla* Steven (*Foros and above Opolznevoye*)

MALVACEAE

823. !! *Abutilon theophrasti* Medik.*

> *Lavatera thuringiaca* L. (*above Opolznevoye – LE*)

824. !! *Alcea rugosa* Alef. (incl. *A. taurica* Iljin)

Note. Recorded as *A. ficifolia* auct. by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1953) (LE, conf. MW).

825. ! *Althaea cannabina* L. (incl. *A. narbonensis* Pourr. ex Cav.)

826. ! *A. hirsuta* L.

Note. Recorded by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1953) (LE, conf. MW).

827. ! *A. ×taurinesis* DC.* (*A. broussonetifolia* Iljin)

Note. *A. armeniaca* Ten. was indicated erroneously for Crimea probably upon this specimen. There is the second specimen of *A. ×taurinesis* from the Crimea: Bakhchisaray district, vicinity of Peschanoye, ravine on hill slope (Black Sea coast), scrub, NE slope, 16.07.2001, *Byalt 119* (LE).

828. ! *Malva neglecta* Wallr.

Note. Recorded by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1953) (LE).

– **lit.** *M. nicaeënsis* All. (Wulff 1953 after Lespinasse)

> *M. pusilla* Sm. (*Foros – LE*)

829. *M. sylvestris* L.

HYPERICACEAE

830. ! *Hypericum apiculatum* (N. Robson) Sennikov

Note. First recorded by Sennikov (1993; LE).

831. ! *H. lyidium* Boiss.* (*H. ponticum* Lipsky)

832. !! *H. perforatum* L. s. l. (incl. *H. veronense* Schrank)

Note. Recorded by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1953) (LE, conf. MW, MHA).

833. ! *H. tauricum* R. Keller* (*H. linarioides* auct. non Bosse)

TAMARICACEAE

834. ! *Tamarix smyrnensis* Bunge (*T. ramosissima* auct. non Ledeb.; *T. hohenackeri* auct. non Bunge)
 835. !! *T. tetrandra* Pall. ex M. Bieb.
 836. ! *Myricaria germanica* (L.) Desv. (?*M. squamosa* Desv.; *M. alopecuroides* auct. non Schrenk)

CISTACEAE

837. ! *Cistus tauricus* J. Presl & C. Presl
Helianthemum aggr. *canum* (L.) Baumg.
 Note. *H. georgicum* and *H. stevenii* were merged under *H. canum* s.l. in «Flora Taurica» (Wulff 1953), that is why I am citing specimens for both species.
 838. !! *H. georgicum* Juz. & Pozdeeva*
 Note. Occupies foothills and mountains in the Sevastopol area.
 839. ! *H. stevenii* Rupr. ex Juz. & Pozdeeva*
 Note. Occupies yayla in the Sevastopol area.
 840. ! *H. chamaecistus* Mill. (*H. ovatum* (Viv.) Dun.)
 841. ! *H. grandiflorum* (Scop.) DC.
 842. ! (? – loc.) *H. ledifolium* (L.) Mill.
 Note. First recorded by Tzvelev (1996a) upon Léveillé's specimen (LE) without precise location.
 843. ! *H. nitidum* Clementi
 844. ! *H. nummularium* (L.) Mill.
 845. !! *H. salicifolium* (L.) Mill.
 846. ! *Fumana procumbens* (Dun.) Gren. & Godr.
 Note. Recorded by Fedtschenko & Fedtschenko (1901), but this record was neglected by Wulff (1953) (LE, conf. MW, MHA).
 847. ! *F. viscidula* (Steven ex Palib.) Juz. (*F. arabica* auct. non (L.) Spach)
 Note. Recorded as *Helianthemum arabicum* auct. by Kryshstofovich (1908), but this record was neglected by Wulff (1953) (LE, conf. MW, MHA).

VIOLACEAE

848. !! *Viola ambigua* Waldst. & Kit.*
 849. !! *V. arvensis* Murr.
 850. !! *V. dehnhardtii* Ten.* (*V. alba* auct. non Besser)
 851. ! *V. hymettia* Boiss. & Heldr.*
 852. !! *V. kitaibeliana* Schult.
 853. !! *V. odorata* L.
 Note. Recorded by Fedtschenko & Fedtschenko (1901) and Kryshstofovich (1908), but these records were neglected by Wulff (1953) (conf. MW, LE, MHA).
 854. ! *V. reichenbachiana* Jord. ex Boreau (*V. silvestris* auct. non Lam.)
 855. ! *V. saxatilis* F. W. Schmidt (*V. elisabethae* Klokov)
 856. ! *V. sieheana* W. Becker
 > *V. tanaitica* Grosset* (*Mangup-Kale*)

CACTACEAE

- > *Opuntia humifusa* (Raf.) Raf. (*Foros* – LE) CN
 – **lit.** *O. vulgaris* Mill. (Byalt 2004) CN

THYMELAEACEAE

- 857.** !! *Thymelaea passerina* (L.) Coss. & Germ.
858. ! *Daphne laureola* L.* CN

ELAEAGNACEAE

- 859.** !! *Elaeagnus angustifolia* L.
Note. First recorded by Golubev (1984) on Golubev & Sazonov collections (YALT, conf. MW).

LYTHRACEAE

- 860.** !! *Lythrum hyssopifolia* L. subsp. *melanospermum* (Săvul. & Zahar.) Seregin
comb. nov. (*L. melanospermum* Săvul. & Zahar. in Săvulescu & Rayss, Mat. Fl. Basar.: 185 (1934); *L. hybridum* Klokov)
Note. I agree with Tzvelev (1993) that this taxon is worthy of taxonomic recognition. Studies of relevant collections made me sure that subspecies rank within *L. hyssopifolia* is more appropriate for it. New subsp. *melanospermum* is a southern (or southeastern) vicariant of subsp. *hyssopifolia* at least in Eastern Europe and needs further studies.
- 861.** !! *L. salicaria* L. (incl. *L. tomentosum* DC. aut Mill.)
862. ! *L. virgatum* L.

ONAGRACEAE

- 863.** ! *Epilobium consimile* Hausskn.
Note. First recorded by Skvortsov (1996), but without specimen details.
- 864.** !! *E. hirsutum* L. (incl. *E. villosum* Thunb.)
865. !! *E. lamyi* F. W. Schultz (*E. adnatum* auct. non Griseb.; *E. tetragonum* auct. non L.)
866. ! *E. montanum* L.*
867. ! *E. parviflorum* Schreb.
868. ! *Chamerion angustifolium* (L.) Holub* (*Chamaenerion angustifolium* (L.) Scop.)
869. !! *Circaea lutetiana* L.

ARALIACEAE

- 870.** !! *Hedera helix* L. (*H. taurica* Carr.)

UMBELLIFERAE

- 871.** !! *Sanicula europaea* L.
Note. Recorded by Fedtschenko & Fedtschenko (1904) and Kryshstofovich (1908), but these records were neglected by Wulff (1953) (LE, conf. MW, YALT).
- 872.** ! *Eryngium campestre* L.
Note. Recorded by Kryshstofovich (1908), but this record was neglected by Wulff (1953) (LE, conf. MW).
- 873.** ! *E. maritimum* L.

874. ! *Lagoecia cuminoides* L.
Note. First recorded by Tzvelev (1983a; LE).
875. ! *Physocaulis nodosus* (L.) Tausch
876. ! *Chaerophyllum bulbosum* L.
877. ! *C. temulum* L.
878. !! *Anthriscus caucalis* M. Bieb.
879. ! *A. cerefolium* (L.) Hoffm.* (*A. longirostris* Bertol.)
880. ! *A. sylvestris* (L.) Hoffm. (incl. *A. nemorosa* (M. Bieb.) Spreng.)
881. ! *Scandix australis* L. (*S. falcata* Londe)
882. ! *S. macrorhyncha* C. A. Mey.*
883. !! *S. pecten-veneris* L.
884. ! *S. stellata* Banks & Soland.*
885. !! *Torilis arvensis* (Huds.) Link
886. ! *T. heterophylla* Guss.*
887. !! *T. japonica* (Houtt.) DC.*
888. ! *T. leptophylla* (L.) Rchb. f. (*T. xanthotricha* (Steven) Stankov)
889. ! *T. nodosa* (L.) Gaertn.
890. ! *Astrodaucus orientalis* (L.) Drude
891. ! *Caucalis platycarpus* L.
892. ! *Turgenia latifolia* (L.) Hoffm.
893. ! *Orlaya daucooides* (L.) Greuter
894. !! *O. grandiflora* (L.) Hoffm.
895. ! *Bifora radians* M. Bieb.
896. ! *Coriandrum sativum* L. CN
897. ! *Smyrniium perfoliatum* L.
898. ! *Physospermum cornubiense* (L.) DC.
899. ! *Conium maculatum* L.
900. ! *Cachrys alpina* M. Bieb.
901. !! *Bupleurum affine* Sadl.
902. ! *B. asperuloides* Heldr. ex Boiss.*
903. !! *B. exaltatum* M. Bieb.*

Note. *B. falcatum* and *B. woronowii* were not separated from *B. exaltatum* s.l. in «Flora Taurica» (Wulff 1953), that is why I am citing specimens for all these species.

904. ! *B. falcatum* L.*
905. ! *B. fruticosum* L.* CN
906. !! *B. gerardii* All.
907. !! *B. marschallianum* C. A. Mey.
908. ! *B. pauciradiatum* Fenzl ex Boiss.*
909. ! *B. rotundifolium* L.
910. !! *B. woronowii* Manden.*
911. ! *Rumia crithmifolia* (Willd.) Koso-Pol.
912. ! *Trinia biebersteinii* N. M. Fedoronchuk (*T. kitaibelii* auct. non M. Bieb.)
913. ! (? – loc.) *T. glauca* (L.) Dumort. (*T. stankovii* Schischk.)

Note. The only specimen: Near Baydarskiye Vorota pass, yayla, 28.06.1893, O. & B. Fedtschenko (LE) is commented by Fedoronchuk (in sched.): “indicated locality is erro-

neous!'. The closest specimen based record is in Simeiz.

914. ! *Apium graveolens* L.
 – lit. (?) *Ammi majus* L. (Wulff 1953 after Lespinasse) A
915. !! *Falcaria vulgaris* Bernh.
 Note. Recorded by Lespinasse (1880) and Zelenetzky (1906), but these records were neglected by Wulff (1953) (YALT, conf. LE, MW).
916. ! *Carum carvi* L.*
917. ! *Bunium microcarpum* (Boiss.) Freyn & Sint. (*B. ferulaceum* auct. non Sibth. & Sm.)
Pimpinella aggr. *tragicum* Vill.
918. !! *P. lithophila* Schischk.
919. ! *P. tragicum* Vill. s. str.
 Note. First recorded by Tzvelev (2004b), but without specimen details.
 – lit. (?) *P. major* (L.) Huds. (Wulff 1953 after Lespinasse) A
920. ! *P. peregrina* L.* (*P. taurica* (Ledeb.) Steud.)
921. !! *Sium sisarum* L. s. l. (incl. *S. sisaroidem* DC.)
922. ! *Berula erecta* (Huds.) Cov.
923. !! *Crithmum maritimum* L.
924. !! *Seseli dichotomum* M. Bieb.
925. !! *S. gummiferum* Pall. ex Sm.
926. !! *S. tortuosum* L.
927. ! *Aethusa cynapium* L.
928. ! *Foeniculum vulgare* Mill.
929. !! *Ferulago aucheri* Boiss. (*F. galbanifera* (Mill.) W. D. J. Koch)
930. !! *Peucedanum alsaticum* L. (*Xanthoselinum alsaticum* (L.) Schur; *Peucedanum lubimenkoanum* Kotov)
 Note. Recorded by Kryshstofovich (1908), but this record was neglected by Wulff (1953) (conf. YALT, MW).
931. ! *P. tauricum* M. Bieb.*
932. !! *Anethum graveolens* L. CN
933. !! *Pastinaca umbrosa* Steven ex DC.
 – lit. *Malabaila graveolens* (Spreng.) Hoffm. (Wulff 1953 after L veill )
934. ! *Heracleum ligusticifolium* M. Bieb.
935. ! *H. sibiricum* L.
936. ! *H. stevenii* Manden.
937. ! *Laser trilobum* (L.) Borkh.
938. !! *Tordylium maximum* L.
939. !! *Laserpitium hispidum* M. Bieb.
940. !! *Daucus carota* L.

CORNACEAE

941. ! *Cornus australis* C. A. Mey. (*Swida australis* (C. A. Mey.) Pojark. ex Grossh.)
942. !! *C. mas* L.

ERICACEAE

943. ! *Arbutus andrachne* L.

MONOTROPACEAE

944. ! *Monotropa hypophegea* Wallr. (*Hypopitys monotropa* auct. non Crantz p. p.)
 945. ! *M. hypopitys* L. (*Hypopitys monotropa* Crantz p. p.)

PRIMULACEAE

946. !! *Primula vulgaris* Huds. (incl. subsp. *sibthorpii* (Hoffm.) W. W. Sm. & Forrest = *P. sibthorpii* Hoffm. & *P. komarovii* Losinsk.)
 947. ! *Androsace elongata* L.*
 948. ! *A. maxima* L. s. l. (incl. subsp. *turczaninovii* (Frey) Fed. = *A. turczaninovii* Freyn)
 949. ! *A. villosa* L. subsp. *taurica* (Ovcz.) Fed. (*A. taurica* Ovcz.)
 > *Samolus valerandi* L. (*Opolznevoye*)
 950. !! *Lysimachia verticillaris* Spreng. (*L. punctata* L. var. *verticillaris* (Spreng.) Boiss.)
 951. !! *L. vulgaris* L.
 – lit. *Glaux maritima* L. (Wulff 1957 after Aggeenko)
 952. ! *Anagallis arvensis* L.
 953. !! *A. foemina* Mill.

PLUMBAGINACEAE

- lit. (?) *Goniolimon besserianum* (Schult.) Kusn. (Wulff 1957 after d'Urville, Steven)
 954. ! *G. rubellum* (S. G. Gmel.) Klokov
 Note. First recorded by Tzvelev (1996b), but without specimen details (conf. LE: Sevastopol, Communal Cemetery, 23.06.1881, *Korshinsky*; *ibid.*, 23.06.1893, *O. & B. Fedtschenko*; Trakheyskiy Peninsula, precipice near seashore to S from St. George monastery, 24.07.1895, [*Alexeenko*]).
 955. !! *G. tataricum* (L.) Boiss.
 956. ! *Limonium platyphyllum* Lincz. (*L. latifolium* (Sm.) Kuntze non Moench)
 957. ! *L. sareptanum* (A. K. Becker) Gams
 958. !! *L. scoparum* (Pall. ex Willd.) Stankov (*L. meyeri* (Boiss.) Kuntze)

OLEACEAE

959. ! *Fraxinus excelsior* L.
 > *F. monophylla* Desf. (*Mangup-Kale*) ?CN
 Note. First recorded by Tzvelev (2004a) based upon Shatko & al. collections (MHA).
 960. ! *F. oxycarpa* M. Bieb. ex Willd.
 961. ! *F. pojarkoviana* V. N. Vassil. (*F. angustifolia* auct. non Vahl)
 962. ! *Syringa vulgaris* L. CN
 963. !! *Ligustrum vulgare* L.
 964. ! *Jasminum fruticans* L.

BUDDLEJACEAE

965. !! *Buddleja davidii* Franchet* CN

GENTIANACEAE

- 966.** !! *Centaurium pulchellum* (Sw.) Druce
Note. Recorded as *Erythraea ramosissima* Pers. by Cosson (1856), Lespinasse (1880), Fedtschenko & Fedtschenko (1904), Zelenetzky (1906) and Kryshstofovich (1908), but these records were neglected by Wulff (1957) (LE, conf. MW, MHA).
- 967.** ! *C. spicatum* (L.) Fritsch
- 968.** ! *C. tenuiflorum* (Hoffmgg. & Link) Fritsch
- 969.** ! *C. turcicum* (Velen.) Ronn. (*C. erythraea* Rafn subsp. *turcicum* (Velen.) Melderis)
- 970.** ! *Gentiana cruciata* L.

APOCYNACEAE

- 971.** ! *Vinca herbacea* Waldst. & Kit.
- 972.** ! *V. major* L.
- 973.** ! *Trachomitum sarmatiense* Woodson

ASCLEPIADACEAE

- 974.** ! *Cynanchum acutum* L.
 > *Vincetoxicum cretaceum* (Pobed.) Wissjul. (*Kuybyshevo* – LE)
- 975.** ! (? – det.) *V. jailicola* Juz.
Note. The only specimen: Baydarskaya yayla, near Bizyuk locality, stony slope near maritime precipice, 5.06.1949, Juzepczuk & Kuprianova 1597 (LE), is commented by Juzepczuk (in sched.): «?*Vincetoxicum jailicola* Juz., forma (nisi ejus hybr. cum *V. schmalhausonii* (Kusn.) Stank[ov])». The closest specimen based record is on Mangup-Kale.
- 976.** ! *V. juzepczukii* (Pobed.) Privalova ex Wissjul.
- 977.** !! *V. laxum* (Bartl.) Gren. & Godr.
- 978.** ! *V. scandens* Somm. & Levier
- 979.** ! (? – det.) *V. schmalhausonii* (Kusn.) Stankov
Note. The only specimen: Baydarskiye Vorota pass, 26.06.1893, O. & B. Fedtschenko (LE), is uncertain. The closest specimen based record is on Mangup-Kale.

CUSCUTACEAE

- 980.** ! *Cuscuta alba* J. Presl & C. Presl
- 981.** ! *C. approximata* Bab. (*C. cupulata* Engelm.)
 > *C. cesatiana* Bertol. (*C. breviflora* auct. non Vis.) (*between Mangup-Kale and Kuybyshevo*)
- 982.** !! *C. campestris* Yunck.*
- 983.** *C. epithymum* (L.) Nathh.
 !! subsp. *epithymum*
 ! subsp. *kotschyi* (Des Moul.) Arcang.
- 984.** ! *C. europaea* L.
- 985.** !! *C. monogyna* Vahl*

CONVOLVULACEAE

- 986.** ! *Convolvulus arvensis* L.
- 987.** *C. calvertii* Boiss.

- ! subsp. *bracteosus* (Juz.) Smoljan. (*C. bracteosus* Juz.)
 > subsp. *tauricus* (Bornm.) Smoljan. (*C. tauricus* (Bornm.) Juz.) (*Kuybyshevo*)
988. !! *C. cantabrica* L.
 989. ! *C. betonicifolius* Mill. (*C. hirsutus* Steven ex M. Bieb.)
 990. ! *C. holosericeus* M. Bieb.
 991. ! *C. scammonia* L.
 992. ! *Calystegia sepium* (L.) R. Br.
 993. !! *C. silvatica* (Kit.) Griseb.
 994. ! *C. soldanella* (L.) R. Br.

Note. Completely extinct in the Crimea according to Yena & Filipova (1999).

BORAGINACEAE

995. ! *Argusia sibirica* (L.) Dandy (*Tournefortia sibirica* L.)
 996. ! *Heliotropium dolosum* De Not. (*H. ellipticum* auct. non Ledeb. p. p.)
 997. !! *H. stevenianum* Andr. (*H. europaeum* auct. non L.)
 998. ! *Cynoglossum creticum* Mill.
 > *C. officinale* L. (*Mangup-Kale*)
 999. ! *Lappula barbata* (M. Bieb.) Gürke
 1000. !! *L. squarrosa* (Retz.) Dumort.
 1001. ! *Asperugo procumbens* L.
 1002. ! *Symphytum tauricum* Willd.
 1003. ! *Anchusa italica* Retz.
 1004. ! *A. leptophylla* Roem. & Schult.
 1005. !! *A. stylosa* M. Bieb.
 1006. ! *Lycopsis orientalis* L. (*L. arvensis* auct. non L.)
 1007. ! *Nonea pulla* (L.) DC. (*N. rossica* Steven)
 1008. ! *N. taurica* (Ledeb.) Ledeb.
 – **lit.** *N. ventricosa* (Sibth. & Sm.) Griseb. ?AN (Wulff 1966 after Lespinasse)
 1009. ! *Pulmonaria obscura* Dumort.*
 1010. ! *Myosotis arvensis* (L.) Hill
 1011. !! *M. incrassata* Guss. (*M. idaea* Boiss. & Heldr.)
 1012. ! *M. litoralis* Steven ex M. Bieb.
 1013. ! *M. popovii* Dobrocz. (*M. suaveolens* auct. non Waldst. & Kit.)
Note. Recorded as *M. sylvatica* auct. by Kryshstofovich (1908), but this record was neglected by Wulff (1966) (LE).
 1014. ! *M. ramosissima* Rochel ex Schult. (*M. collina* auct. non Hoffm.)
 > *Lithospermum apulum* (L.) Vahl (*Neatostema apulum* (L.) Johnst.) (*Opolznevoye*)
 1015. ! *L. arvense* L.* (*Buglossoides arvensis* (L.) Johnst.)
Note. *L. sibthorpiatum* and *L. tenuiflorum* were not separated from *L. arvense* s.l. in «Flora Taurica» (Wulff 1966), that is why I am citing specimens for all these species.
 1016. ! *L. officinale* L.*
 1017. ! *L. purpureocaeruleum* L. (*Aegonychon purpureocaeruleum* (L.) Holub)
 1018. !! *L. sibthorpiatum* Griseb.* (*Buglossoides sibthorpiata* (Griseb.) Czerep.)
 1019. !! *L. tenuiflorum* L. f.* (*Buglossoides tenuiflora* (L. f.) Johnst.)
 1020. ! *Onosma polyphyllum* Ledeb.

1021. ! *O. rigidum* Ledeb.
 1022. !! *O. tauricum* Pall. ex Willd.
 1023. !! *Cerintho minor* L.
 1024. ! *Echium biebersteinii* Lacaita (*E. italicum* auct. non L.)
 Note. Recorded as *E. italicum* auct. by Lespinasse (1880) and Fedtschenko & Fedtschenko (1904), but these records were neglected by Wulff (1966) (LE, conf. MW).
 1025. ! *E. popovii* Dobrocz. (*E. russicum* auct. non J. F. Gmel.; *E. rubrum* auct. non Jacq. nec Forssk.)
 1026. ! *E. vulgare* L.
 1027. ! *Rochelia retorta* (Pall.) Lipsky

VERBENACEAE

1028. ! *Verbena officinalis* L.
 1029. ! *Vitex agnus-castus* L.

LABIATAE

1030. !! *Ajuga chia* Schreb. (*A. pseudochia* Des.-Shost.)
 1031. ! *A. genevensis* L.
 1032. ! *A. laxmannii* (L.) Benth.*
 1033. ! *A. orientalis* L.
 – lit. *A. salicifolia* (L.) Schreb. (Wulff 1966 after Lespinasse)
 1034. !! *Teucrium chamaedrys* L. s. l. (*T. sypsiense* K. Koch; *T. krymense* Juz.)
 1035. ! *T. jailae* Juz.* (*T. montanum* L. subsp. *jailae* (Juz.) Soó)
 1036. !! *T. polium* L.
 1037. !! *T. scordioides* Schreb.
 1038. !! *Rosmarinus officinalis* L.* CN
 1039. ! *Scutellaria albida* L.
 1040. ! *S. altissima* L.
 Note. Recorded by Kryshstofovich (1908), but this record was neglected by Wulff (1966) (LE).
 1041. ! *S. galericulata* L. AN
 Note. First recorded by Tzvelev (1983b; LE).
 1042. !! *S. orientalis* L. subsp. *taurica* (Juz.) Fed. (*S. taurica* Juz.)
 1043. !! *Marrubium peregrinum* L.
 1044. ! *M. praecox* Janka
 1045. ! *M. vulgare* L.
 1046. *Sideritis montana* L.
 !! subsp. *comosa* (Rochel ex Benth.) Soó (*S. comosa* (Rochel ex Benth.) Stankov)
 Note. Occupies chiefly mountains in the Sevastopol area.
 ! subsp. *montana*
 Note. Occupies chiefly foothills in the Sevastopol area.
 1047. *S. taurica* Steph. ex Willd. (*S. syriaca* auct. non L.)
 !! subsp. *catillaris* (Juz.) Seregin comb. nov. (*S. catillaris* Juz. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS, 13: 296 (1950); *S. syriaca* L. subsp. *catillaris* (Juz.) Gladkova; incl. *S. chlorostegia* Juz.)
 Note. Occupies chiefly yayla in the Sevastopol area. *S. chlorostegia* indicated for the west-

ern yayla has intermediate characters between subsp. *catillaris* and subsp. *taurica*, but closer to the former. I agree with Gladkova (1978) that this subspecies is worthy of taxonomic recognition. Both subsp. *catillaris* and subsp. *taurica* developed in the Crimea from common ancestor and should be recognized as members of one polymorph species.

! subsp. *taurica* (*S. syriaca* L. subsp. *taurica* (Steph. ex Willd.) Gladkova; incl. *S. scythica* Juz.)

Note. Occupies chiefly foothills in the Sevastopol area.

1048. ! *Nepeta cataria* L.
 1049. ! *N. pannonica* L.
 1050. ! *Glechoma hederacea* L.
 1051. ! *Prunella* × *intermedia* Link (*P. laciniata* (L.) L. × *P. vulgaris* L.)
 1052. ! *P. laciniata* (L.) L.
 1053. !! *P. vulgaris* L.
 1054. ! *Phlomis fruticosa* L. ?CN
 1055. ! *P. pungens* Willd.*
 1056. !! *P. taurica* Hartwiss & Bunge
 1057. ! *P. tuberosa* L.
 1058. ! *Galeopsis ladanum* L.
 1059. ! *Lamium album* L.*
 1060. !! *L. amplexicaule* L.
 1061. ! *L. maculatum* (L.) L.
 1062. !! *L. purpureum* L.
 1063. ! *Chaiturus marrubiastrum* (L.) Ehrh. ex Rchb.
 1064. ! *Leonurus villosus* Desf. ex d'Urv. (*L. quinquelobatus* Gilib. nom. illeg.)
 1065. !! *Ballota nigra* L.
 1066. ! *Stachys annua* L.
 1067. ! *S. atherocalyx* K. Koch (*S. recta* L. subsp. *atherocalyx* (K. Koch) Derv.-Sok.)
 1068. ! *S. cretica* L.
 1069. ! *S. germanica* L.*
 1070. ! *S. iberica* M. Bieb. (incl. subsp. *georgica* Rech. f. & subsp. *stenostachya* Rech. f.)
 1071. !! *S. officinalis* (L.) Trevis. s. l. (*Betonica officinalis* L.; incl. *B. fusca* Klokov)
 1072. ! *S. pubescens* Ten.
Note. Species is occasionally missed in “Flora partis europaeae URSS” (Derviz-Sokolova 1978).
 1073. ! *S. sylvatica* L.
 1074. ! *Salvia aethiopsis* L.
 – **lit.** *S. austriaca* Jacq. (Wulff 1966 after Taliev)
Note. The closest specimen based record is on Mangup-Kale.
 1075. ! *S. demetrii* Juz. (*S. scabiosifolia* auct. non Lam. p. p.)
 1076. ! *S. glutinosa* L.
 1077. ! *S. grandiflora* Etl.
 1078. ! *S. horminum* L.
 > *S. nutans* L.* (*Zalesnoye*)
 – **lit.** *S. scabiosifolia* Lam. s. str. (Wulff 1966 after Hablizl)
 1079. ! *S. sclarea* L.
 1080. !! *S. sibthorpii* Sm.

1081. ! *S. tesquicola* Klokov & Pobed. (*S. nemorosa* L. subsp. *tesquicola* (Klokov & Pobed.) Soó; incl. *S. praemontana* Klokov)
1082. ! *S. verbenacea* L.*
1083. ! *S. verticillata* L.
1084. ! *S. virgata* Jacq.
1085. ! *Ziziphora capitata* L.
1086. ! *Melissa officinalis* L.
1087. ! *Acinos arvensis* (Lam.) Dandy
1088. ! *A. rotundifolius* Pers. (*A. graveolens* (M. Bieb.) Link)
1089. ! *Calamintha grandiflora* (L.) Moench*
1090. ! *C. nepeta* (L.) Savi
1091. !! *Clinopodium vulgare* L.
1092. ! *Micromeria fruticosa* (L.) Druce subsp. *serpyllifolia* (M. Bieb) Davis (*M. serpyllifolia* (M. Bieb.) Boiss.)
- > *Satureja hortensis* L. (*Opolznevoye*)
1093. !! *S. montana* L. subsp. *taurica* (Velen.) P. W. Ball (*S. taurica* Velen.)
- lit. *Hyssopus officinalis* L. CN (Wulff 1966 after Steven)
1094. !! *Origanum vulgare* L.
1095. ! *Thymus callieri* Borbás ex Velen. (*T. zelenetzkyi* Klokov & Des.-Shost.; *T. attenuatus* Klokov; *T. hirtellus* Klokov; *T. hirsutus* auct. non M. Bieb.; *T. roegnieri* auct. non K. Koch)
1096. ! *T. dzevanovskyi* Klokov & Des.-Shost.
1097. ! *T. marschallianus* Willd. (*T. platyphyllus* Klokov)
- Note. The only specimen seen by me: Vicinity of Chatal-Kaya, *Quercus* forest, 30.04.1905, Busch (LE), is tested by Menitsky as *T. callieri* × *marschallianus*.
1098. !! *T. tauricus* Klokov & Des.-Shost. (*T. pseudohumillimus* Klokov & Des.-Shost.)
1099. !! *Lycopus exaltatus* L. f.
1100. !! *L. europaeus* L.
1101. !! *Mentha aquatica* L.
1102. !! *M. arvensis* L.* (*M. austriaca* Jacq.)
1103. !! *M. longifolia* (L.) Nathh.
1104. !! *M. pulegium* L.
1105. !! *M. spicata* L.*
- SOLANACEAE
1106. !! *Lycium barbarum* L.
1107. !! *Atropa belladonna* L.
1108. ! *Hyoscyamus niger* L.
1109. ! *Physalis alkekengi* L.
1110. ! *Solanum persicum* Willd. ex Roem. & Schult. (*S. dulcamara* auct. non L.)
1111. !! *S. nigrum* L. s. l. (incl. *S. schultesii* Opiz)
1112. ! (? – det.) *S. ochroleucum* Best.
- Note. The only specimen: Sewastopol, 20–30.08.1858, Kessler & Jelski (LE), bears preliminary identification by Poyarkova.
1113. !! *Datura stramonium* L.

SCROPHULARIACEAE

1114. !! *Verbascum blattaria* L.
 1115. !! *V. densiflorum* Bertol. (*V. thapsiforme* Schrad.)
 > *V. lychnitis* L. (*Mangup-Kale* – LE)
 1116. !! *V. marschallianum* Ivanina & Tzvelev (*V. orientale* M. Bieb. non (L.) All.; *V. chaixii* Vill. subsp. *orientale* (M. Bieb.) Hayek)
 1117. ! *V. ovalifolium* Donn ex Sims*
 1118. ! *V. phlomoides* L.
 1119. ! *V. sinuatum* L.
 1120. ! *V. spectabile* M. Bieb.
 1121. ! *V. undulatum* Lam.
 Note. First recorded by Tzvelev (1983a; LE).
 1122. ! *Celsia orientalis* L. (*V. orientale* (L.) All.)
 1123. ! *Cymbalaria muralis* P. Gaertn. & al.*
 1124. !! *Kickxia elatine* (L.) Dumort. (incl. *K. caucasica* (Muss.-Puschk. ex Spreng.) Kuprian.)
 1125. ! *K. spuria* (L.) Dumort.*
 1126. !! *Linaria biebersteinii* Besser (incl. subsp. *ruthenica* (Błonski) Ivanina = *L. ruthenica* Błonski; *L. vulgaris* auct. non Mill.)
 1127. ! *L. genistifolia* Mill. (*L. pontica* Kuprian.)
 1128. ! *L. simplex* (Willd.) DC.
 Note. Recorded by Fedtschenko & Fedtschenko (1904), but this record was neglected by Wulff (1969) (LE).
 1129. !! *L. syspirensis* K. Koch
 1130. ! *Chaenorhinum minus* (L.) Lange
 1131. ! *Scrophularia canina* L.
 > *S. nodosa* L. (*Mangup-Kale* – LE)
 1132. ! (? – loc.) *S. olympica* Boiss.
 Note. The only specimen: infra Baidara 1160, 21.08.1861, *Ruprecht* (LE). It is unclear, whether *Ruprecht* really collected in the Crimea or not. I did not see his other collections from the Crimea.
 1133. ! *S. rupestris* M. Bieb. ex Willd.
 1134. !! *S. umbrosa* Dumort.
 Note. Recorded as *S. alata* Gilib. by Fedtschenko & Fedtschenko (1904), but this record was neglected by Wulff (1969) (LE, conf. MW).
 1135. ! *Gratiola officinalis* L.
Veronica aggr. *anagallis-aquatica* L.
 Note. Only *V. lysimachioides* was separated from *V. anagallis-aquatica* s.l. in «Flora Taurica» (Wulff 1969), that is why I am citing specimens for *V. anagallis-aquatica* s.str., *V. anagaloides* and *V. catenata*.
 1136. ! *V. anagallis-aquatica* L. s. str.*
 1137. ! *V. anagaloides* Guss.*
 1138. ! *V. catenata* Pennell*
 1139. ! *V. lysimachioides* Boiss.
 1140. ! *V. arvensis* L.

1141. ! *V. beccabunga* L.*
 > *V. chamaedrys* L. s. str. (*Mangup-Kale* – LE)
1142. ! *V. gentianoides* Vahl (*V. ivoides* Juz.)
1143. ! *V. jacquinii* Baumg. (*V. austriaca* auct. non L.)
1144. !! *V. hederifolia* L.
1145. !! *V. multifida* L. subsp. *capsellicarpa* (Dubovik) Elenevsky
1146. ! *V. officinalis* L.
1147. !! *V. persica* Poir.*
1148. !! *V. polita* Fries
1149. ! *V. serpyllifolia* L. (incl. subsp. *humifusa* (Dickson) Syme = *V. tenella* All.)
1150. *V. spicata* L.
 Note. Subspecies in *V. spicata* were not recognized in «Flora Taurica» (Wulff 1969) although some specimens were identified as *V. barrelieri*, that is why I am citing specimens for both subspecies.
 ! subsp. *maeotica* (Klokov) Tzvelev* (*V. maeotica* Klokov; *V. barrelieri* auct. non Schult. p. p.)
 ! subsp. *viscosula* (Klokov) Assejeva* (*V. viscosula* Klokov; *V. barrelieri* auct. non Schult. p. p.)
1151. *V. taurica* Willd.
 Note. Subspecies in *V. taurica* were not recognized in «Flora Taurica» (Wulff 1969), that is why I am citing specimens for both subspecies.
 ! subsp. *bordzilowskii* (Juz.) Elenevsky* (*V. bordzilowskii* Juz.)
 Note. Occupies yayla in the Sevastopol area.
 ! subsp. *taurica**
 Note. Occupies foothills in the Sevastopol area.
1152. ! *V. teucrium* L. (incl. subsp. *pseudochamaedrys* (Jacq.) Nym.)
1153. ! *V. triloba* (Opiz) A. Kern.* (*V. hederifolia* L. subsp. *triloba* (Opiz) Walters & D. Webb)
1154. !! *V. triphyllos* L.
1155. !! *V. umbrosa* M. Bieb.
1156. ! *V. verna* L.*
1157. ! *V. vindobonensis* (M. A. Fisch.) M. A. Fisch.* (*V. chamaedrys* auct. non L. p. p.)
1158. !! *Melampyrum arvense* L.
1159. !! *Parentucellia latifolia* (L.) Caruel
 Note. First recorded by Seregin (2008; MW, LE).
1160. !! *Orphantha lutea* (L.) A. Kern. ex Wettst.
1161. !! *Odontites vulgaris* Moench
 Note. Recorded as *O. rubra* Pers. by Fedtschenko & Fedtschenko (1904), but this record was neglected by Wulff (1969) (LE, conf. MW).
1162. ! *Rhinanthus vernalis* (Zing.) Schischk. & Serg.

OROBANCHACEAE

1163. ! *Orobanche alba* Steph.
1164. ! *O. cernua* Loefl.*
1165. ! *O. crenata* Forssk.
 Note. *O. crenata* var. *callieri* Tzvelev described from Mount Sapun-Gora (Tzvelev 1986;

LE) parasitize *Salvia aethiopsis*.

- 1166.** ! *O. cumana* Wallr. (*O. cernua* Loefl. subsp. *cumana* (Wallr.) Soó)
1167. ! *O. dalmatica* (G. Beck) Tzvelev
 Note. First recorded by Tzvelev (1983b; LE).
1168. ! *O. elatior* Sutt. (*O. major* L. nom. ambig.)
1169. !! *O. hederæ* Duby*
1170. ! *O. lutea* Baumg.
1171. ! *O. minor* Sm.
1172. ! *O. oxyloba* (Reut.) G. Beck (*O. nana* (Reut.) Noë ex G. Beck)
1173. ! *O. picridis* F. Schultz
 Note. First recorded by Tzvelev (1983b; LE).
 > *O. pubescens* d'Urv. (*O. versicolor* F. Schultz) (*Mangup-Kale*, below *Merdven*, *Opolznevoye*)
 > *O. purpurea* Jacq. (*Mangup-Kale*)
1174. !! *Lathraea squamaria* L.*

GLOBULARIACEAE

- > *Globularia trichosantha* Fisch. & C. A. Mey. (*Mangup-Kale*)

PLANTAGINACEAE

- 1175.** !! *Plantago coronopus* L.
1176. !! *P. scabra* Moench (*P. indica* L. nom. illeg.)
 – lit. (?) *P. lagopus* L. (Wulff 1969 after Lespinasse) A
 1177. *P. lanceolata* L.
 !! subsp. *lanceolata**
 !! subsp. *lanuginosa* (Bast.) Arcang. (*P. dubia* L.; *P. lanuginosa* Bast.)
 Note. Subspecies in *P. lanceolata* were not recognized in «Flora Taurica» (Wulff 1969), but var. *lanuginosa* was recorded by Kryshstfovich (1908) (conf. MW, NNSU).
1178. !! *P. major* L.
 1179. *P. media* L.
 !! subsp. *media*
 !! subsp. *stepposa* (Kuprian.) Soó (*P. urvillei* Opiz)

RUBIACEAE

- 1180.** !! *Sherardia arvensis* L.
1181. ! *Crucianella catellata* Klokov (*C. latifolia* auct. non L.)
1182. ! *C. oxyloba* Janka (*C. angustifolia* auct. non L.)
1183. ! *Asperula arvensis* L.
1184. !! *A. caespitans* Juz. (*A. supina* M. Bieb. subsp. *caespitans* (Juz.) Pjatunina)
1185. !! *A. rumelica* Boiss. (incl. *A. attenuata* Klokov)
1186. !! *A. stevenii* V. I. Krecz.
 > *A. supina* M. Bieb. (*Kuybyshevo*)
1187. !! *A. vestita* V. I. Krecz. (incl. *A. kotovii* Klokov)
1188. !! *Cruciata chersonensis* (Willd.) Ehrend. (*C. laevipes* auct. non Opiz; *Galium cruciata* auct. non (L.) Scop.)
1189. ! *C. pedemontana* (Bell.) Ehrend.* (*Galium pedemontanum* (Bell.) All.)

1190. ! *C. taurica* (Pall. ex Willd.) Soó (*Galium tauricum* (Pall. ex Willd.) Roem. & Schult.; *Cruciata neotaurica* (Klokov) Pobed.; *C. braunii* (Zelen.) Pobed.)
1191. ! *Galium aparine* L.
1192. !! *G. articulatum* Lam.
1193. ! *G. biebersteinii* Ehrend. (*Asperula galioides* M. Bieb. nom. illeg.)
1194. ! *G. calcareum* (Albov) Pobed.
1195. ! *G. elongatum* C. Presl (*G. krymense* Pobed.; *G. palustre* auct. non L.; *G. debile* auct. non Desf.)
1196. !! *G. humifusum* M. Bieb.
1197. ! *G. juzepczukii* Pobed.*
1198. ! *G. mollugo* L. (*G. erectum* auct. non Huds.; *G. fagetorum* Klokov)
1199. ! *G. odoratum* (L.) Scop.
1200. ! *G. spurium* L. (incl. *G. vaillantii* DC.)
1201. ! *G. tenderiense* Klokov (*G. verum* auct. non L. p. p.)
 Note. First recorded by Tzvelev (1983b; LE).
1202. ! *G. tenuissimum* M. Bieb.
1203. ! *G. tricornutum* Dandy
1204. ! *G. verticillatum* Danth.
1205. !! *G. verum* L. (incl. *G. ruthenicum* Willd.)

CAPRIFOLIACEAE

1206. !! *Sambucus ebulus* L.
1207. ! *S. nigra* L.*
1208. ! *Viburnum lantana* L.
1209. ! *V. opulus* L.
1210. ! *Lonicera caprifolium* L.* CN

VALERIANACEAE

1211. ! *Valerianella brachystephana* (Ten.) Bertol.
 > *V. carinata* Loisel.* (*Eski-Kermen*)
1212. !! *V. coronata* (L.) DC.
1213. ! *V. dentata* (L.) Poll.
1214. !! *V. echinata* (L.) DC.
1215. ! *V. locusta* (L.) Laterr.
1216. ! *V. muricata* (Steven ex M. Bieb.) J. W. Loudon
1217. ! *V. pumila* (L.) DC.
1218. ! *V. rimosa* Bastard
1219. !! *V. turgida* (Steven) Betcke
 > *Centranthus ruber* (L.) DC. (*Foros*) CN

DIPSACACEAE

1220. ! *Knautia arvensis* (L.) Coult.
1221. ! *Dipsacus fullonum* L.
1222. ! *D. laciniatus* L.
1223. !! *Cephalaria coriacea* (Willd.) Steud.

1224. ! *C. transsylvanica* (L.) Roem. & Schult.
 1225. ! *C. uralensis* (Murr.) Schrad. ex Roem. & Schult.
 1226. ! *Pterocephalus plumosus* (L.) Coult.
 1227. ! *Scabiosa argentea* L.
 1228. !! *S. columbaria* L.
 1229. !! *S. micrantha* Desf.
 1230. ! *S. praemontana* Privalova
 1231. ! *S. ucranica* L.

CUCURBITACEAE

1232. !! *Ecballium elaterium* (L.) A. Rich.

CAMPANULACEAE

1233. ! *Legouzia hybrida* (L.) Delarb.
 1234. !! *Campanula bononiensis* L.
 1235. ! *C. sibirica* L. subsp. *taurica* (Juz.) Fed. (*C. taurica* Juz.; *C. charkeviczii* Fed.; *C. talievii* Juz.)
 1236. ! *C. trachelium* L.

COMPOSITAE

1237. !! *Eupatorium cannabinum* L.
 1238. !! *Grindelia squarrosa* (Pursh) Dunal.* AN
 1239. !! *Solidago virgaurea* L. subsp. *taurica* (Juz.) Tzvelev (*S. taurica* Juz.)
 1240. !! *Bellis perennis* L.
 1241. !! *Galatella linosyris* (L.) Rechb. f.* (*Linosyris vulgaris* Cass. ex Less.)
 1242. ! *G. ×subvillosa* Tzvelev (*G. linosyris* (L.) Rechb. f. × *G. villosa* (L.) Rechb. f.)
 1243. !! *G. villosa* (L.) Rechb. f. (*Linosyris villosa* (L.) DC.)
 1244. ! *Tripolium pannonicum* (Jacq.) Dobrocz. (*T. vulgare* auct. non Nees)
 > *Erigeron acris* L. (*Mangup-Kale*; Fedtschenko & Fedtschenko 1902)
 1245. !! *E. canadensis* L. (*Conyza canadensis* (L.) Cronq.) AN
 1246. ! *Bombycilaena discolor* (Pers.) Lainz
 Note. First recorded by Krupkina (1994), but without specimen details.
 1247. ! *B. erecta* (L.) Smoljan.
 1248. ! *Filago arvensis* L. (*Logfia arvensis* (L.) Holub)
 1249. ! *F. vulgaris* Lam. (*F. eriocephala* auct. non Guss.)
 1250. !! *Helichrysum arenarium* (L.) Moench
 1251. ! *H. graveolens* (M. Bieb.) Sweet
 1252. !! *Inula aspera* Poir. (*I. salicina* L. subsp. *aspera* (Poir.) Hayek)
 1253. ! *I. britannica* L.
 1254. !! *I. conyza* DC.
 Note. Recorded by Cosson (1856) and Lespinasse (1880), but these records were neglected by Wulff (1969) (conf. MW).
 1255. !! *I. ensifolia* L.
 1256. ! *I. germanica* L.
 Note. Recorded by Fedtschenko & Fedtschenko (1902), but this record was neglected by

Wulff (1969) (LE, conf. MW).

1257. !! *I. helenium* L. AN

Note. Recorded by Kryshstofovich (1908), but this record was neglected by Wulff (1969) (conf. MW).

1258. !! *I. oculus-christi* L.

1259. !! *Pulicaria dysenterica* (L.) Bernh.

1260. ! *P. vulgaris* Gaertn.

1261. !! *Cyclachaena xanthiifolia* (Nutt.) Fresen.* AN

1262. !! *Ambrosia artemisiifolia* L.* AN

1263. !! *Xanthium pensylvanicum* Wallr.* AN

1264. !! *X. spinosum* L.

1265. ! *X. strumarium* L.

1266. !! *Bidens frondosa* L.* AN

1267. !! *B. tripartita* L.*

1268. ! *Galinsoga parviflora* Cav.* AN

1269. ! *Anthemis austriaca* Jacq.

1270. !! *A. cotula* L.

1271. ! *A. dubia* Steven

1272. !! *A. monantha* Willd. (*A. cretacea* Zefir.; *A. parviceps* Dobrocz. & Fed. ex Klokov)

1273. ! *A. ruthenica* M. Bieb.

1274. !! *A. tinctoria* L. (incl. subsp. *subtinctoria* (Dobrocz.) Soó = *A. subtinctoria* Dobrocz.; *A. zephyrovii* Dobrocz.)

1275. ! *Achillea nobilis* L.

1276. ! *A. pannonica* Scheele*

1277. !! *A. setacea* Waldst. & Kit.

1278. ! *A. taurica* M. Bieb. (*A. leptophylla* auct. non M. Bieb.)

1279. ! *Matricaria recutita* L.

1280. ! *M. tzevelevii* Pobed.

1281. !! *Leucanthemum vulgare* Lam. (incl. subsp. *ircutianum* (Turcz. ex DC.) Tzvelev)

– lit. *Balsamita major* Desf. (*Pyrethrum majus* (Desf.) Tzvelev) (Wulff 1969 after Steven) CN

1282. ! *Pyrethrum corymbosum* (L.) Willd.

1283. ! *P. pathenifolium* Willd.

1284. ! *Tanacetum millefolium* (L.) Tzvelev

1285. !! *T. vulgare* L.

1286. !! *Artemisia absinthium* L.

1287. ! *A. annua* L.

1288. !! *A. austriaca* Jacq.

1289. !! *A. lerchiana* Web. ex Stechm.

1290. !! *A. santonica* L.

1291. ! *A. scoparia* Waldst. & Kit.

1292. !! *A. taurica* Willd.

1293. ! *A. vulgaris* L.

1294. !! *Tussilago farfara* L.

1295. ! *Petasites hybridus* (L.) P. Gaertn. & al.

- 1296.** ! *Senecio cineraria* DC.* CN
1297. !! *S. grandidentatus* Ledeb.
1298. !! *S. jacobaea* L.
1299. !! *S. vernalis* Waldst. & Kit.
1300. !! *S. vulgaris* L.
1301. !! *Echinops ruthenicus* M. Bieb. (*E. ritro* p. p.)
1302. !! *E. sphaerocephalus* L.
1303. !! *Xeranthemum annuum* L.
1304. ! *X. cylindraceum* Sibth. & Sm.
1305. !! *Carlina vulgaris* L. s. str.
1306. !! *Arctium lappa* L.
 Note. Recorded as *Lappa major* Gaertn. by Cosson (1856) and Lespinasse (1880), but these records were neglected by Wulff (1969) (conf. YALT, MW).
1307. ! *A. nemorosum* Lej.*
1308. !! *A. tomentosum* Mill.
1309. ! *Jurinea multiflora* (L.) B. Fedtsch.
1310. !! *J. sordida* Steven
1311. !! *J. stoechadifolia* (M. Bieb.) DC.
 > *Carduus acanthoides* L. (*Foros*)
1312. ! *C. albidus* M. Bieb. (*C. arabicus* auct. non Jacq. ex Murr.)
1313. !! *C. cinereus* M. Bieb.*
1314. !! *C. crispus* L.*
1315. !! *C. hamulosus* Ehrh.
1316. ! *C. nutans* L. subsp. *leiophyllus* (Petrovič) Stoj. & Stef. (*C. thoermeri* Weinm.)
 Note. Recorded as *C. nutans* s.l. by Cosson (1856), but this record was neglected by Wulff (1969) (conf. YALT).
1317. ! (? – det.) *C. seminudus* M. Bieb.*
1318. ! *C. uncinatus* M. Bieb.
1319. !! *Lamyra echinocephala* (Willd.) Tamamsch. (*Ptilostemon echinocephalus* (Willd.) Greuter)
1320. ! *Cirsium incanum* (S. G. Gmel.) Fisch.
1321. !! *C. laniflorum* (M. Bieb.) M. Bieb. (*C. sublaniflorum* Soják; *C. lipskyi* Klokov)
1322. ! *C. serrulatum* (M. Bieb.) Fisch.
1323. !! *C. vulgare* (Savi) Ten.
1324. !! *Picnomon acarna* (L.) Cass.
1325. ! *Onopordon acanthium* L.
1326. ! *O. tauricum* Willd.
1327. ! *Crupina vulgaris* Cass.
 > *Serratula radiata* (Waldst. & Kit.) M. Bieb. (*between Mangup-Kale and Sokolinoye*)
 > *Centaurea adamii* Willd. (*Foros*)
 – lit. *C. adpressa* Ledeb. (*C. scabiosa* auct. non L. p. p.) (Zelenetzky 1906)
1328. ! (? – det.) *C. aemulans* Klokov
1329. !! *C. calcitrapa* L.
1330. !! *C. caprina* Steven

1331. ! *C. depressa* M. Bieb.
Note. First recorded by Drescher & al. (2007; GZU, conf. YALT).
1332. !! *C. diffusa* Lam.
1333. !! *C. fuscomarginata* (K. Koch) Juz.
1334. ! *C. iberica* Trevis.
1335. !! *C. jacea* L. (incl. *C. substituta* Czerep.)
1336. !! *C. orientalis* L.
Note. Recorded as *C. orientalis* var. (β) *macrolepis* by Zelenetzky (1906), but this record was neglected by Wulff (1969) (conf. MW).
1337. !! *C. salonitana* Vis.
1338. !! *C. solstitialis* L.
> *C. sterilis* Steven s. str. (incl. *C. nikitensis* N. B. Illar.) (*scree to W from Chertova Lestnitsa pass* – YALT)
1339. ! *Carthamus glaucus* M. Bieb.
1340. !! *C. lanatus* L.
1341. !! *Scolymus hispanicus* L.
1342. ! *Cichorium intybus* L. (incl. subsp. *glabratum* (C. Presl) Arcang.)
1343. ! *Lapsana intermedia* M. Bieb.
1344. ! *Zacintha verrucosa* Gaertn.
1345. ! *Rhagadiolus edulis* Gaertn.
1346. !! *Leontodon biscutellifolius* DC. (*L. asper* (Waldst. & Kit.) Poir. non Forssk.)
1347. ! *L. caucasicus* (M. Bieb.) Fisch. (*L. hispidus* auct. non L.)
Note. Recorded as *L. hispidus* auct. by Lespinasse (1880), but this record was neglected by Wulff (1969) (conf. MW).
1348. !! *L. saxatilis* Lam. (*L. autumnalis* auct. non L.) **AN**
Note. First recorded by Seregin (2005; MW, LE). Record of *L. autumnalis* L. (Golubev 1984; YALT) is erroneous due to misidentification.
> *Picris echioides* L.* (*Helminthotheca echioides* (L.) Holub) (*above Ponizovka*)
1349. ! *P. pauciflora* Willd.
1350. !! *P. rigida* Ledeb. ex Spreng.
1351. ! *Geropogon hybridus* (L.) Sch. Bip.
Note. First recorded by Lespinasse (doubted by Wulff 1969) and was later collected by Dubovik (1981; KW, YALT).
1352. !! *Tragopogon dasyrhynechus* Artemczuk
1353. ! *T. dubius* Scop. (incl. subsp. *desertorum* (Lindem.) Tzvelev & subsp. *major* (Jacq.) Vollm.)
Note. Plants identified as subsp. *desertorum* were collected on Fiolent (Tzvelev 1989).
1354. ! *T. elatior* Steven
1355. ! *T. pusillus* M. Bieb.
Note. First recorded by Tzvelev (1985).
1356. ! *T. undulatus* Jacq.
Note. First recorded by Tzvelev (1985), but without specimen details.
1357. ! *Scorzonera crispa* M. Bieb.
1358. ! *S. laciniata* L. (*Podospermum laciniatum* (L.) DC.)
1359. ! *S. mollis* M. Bieb.

1360. ! *Lagoseris purpurea* (Willd.) Boiss.
 1361. !! *L. sancta* (L.) K. Malý (*Pterotheca sancta* (L.) K. Koch)
 1362. !! *Chondrilla juncea* L.
 1363. !! *Taraxacum* aggr. *erythrospermum* Andrz.
 1364. !! *T. hibernum* Steven (incl. *T. pobedimoviae* Schischk.)
 1365. !! *T. aggr. officinale* Wigg.
 1366. ! *T. pseudomurbeckianum* Tzvelev
 Note. Described from vicinity of Orlinoye (Tzvelev 1986; LE; conf. Kirschner & Štěpánek 1998; PRA).
 1367. ! *T. sacturiginosum* G. Hagl. (*T. murbeckianum* auct. non G. Hagl.)
 Note. First recorded by Kirschner & Štěpánek (1998; PRA)
 > *T. serotinum* (Waldst. & Kit.) Poir. (*Mangup-Kale*)
 1368. ! *Sonchus asper* (L.) Hill
 1369. !! *S. oleraceus* L.
 1370. !! *S. uliginosus* M. Bieb. (*S. arvensis* L. subsp. *uliginosus* (M. Bieb.) Nym.)
 1371. ! *Cephalorrhynchus tuberosus* (Steven) Schchian
 – lit. *Lactuca quercina* L. (*L. chaixii* Vill.) (Wulff 1969 after Lespinasse)
 1372. ! *L. saligna* L.
 1373. ! *L. serriola* L.
 1374. !! *L. tatarica* (L.) C. A. Mey. AN
 1375. !! *L. viminea* (L.) J. Presl & C. Presl (*Scariola viminea* (L.) F. W. Schmidt)
 1376. !! *Mycelis muralis* (L.) Dumort.
 1377. ! *Steptorhamphus tuberosus* (Jacq.) Grossh.
 1378. ! *Crepis alpina* L.
 1379. !! *C. micrantha* Czerep.
 1380. ! *C. pannonica* (Jacq.) K. Koch
 1381. ! *C. pulchra* L.
 1382. !! *C. rhoeadifolia* M. Bieb.
 1383. ! *C. setosa* Haller f.
 1384. ! *Hieracium gentile* Jord. ex Boreau
 – lit. *H. vasconicum* Jord. ex Boreau (Wulff 1969 after Schmalhausen)
 1385. ! *Pilosella* spp. div. [several species and hybrids]

First specimen based records for the Sevastopol area

Each species is supplied with a list of studied specimens in “Flora Taurica” (Wulff 1927–1969; Privalova & Prokudin 1959). It should be mentioned, that apart from this detailed standard flora, all known papers and relevant floras have been considered when accepting specimen based records as new to the Sevastopol area. Totally 194 taxa are reported for the first time for the Sevastopol area in this treatment. This report is based largely upon original collections, but includes also many unpublished recent collections from MW, MHA, YALT and LE. Collector’s initials are omitted if author is mentioned in “History of botanical exploration” section.

Newly recorded species are represented mainly by plants of the following habitats: waste grounds & roadsides (36 species), *Juniperus* and *Quercus* light forests (34), fresh-water habitats (31), petrophyte steppes (25), hardwood forests (17), etc. 16 species are naturalized escapes from cultivation.

TYPHACEAE

Typha laxmannii: Inkerman, right bank of the Chernaya River near railway bridge, 44°35'40"N, 33°36'30"E, swampy bank, alt. 0 m, 18.08.2004, *Seregin T-744* (MW); Baydarskaya valley, NW outskirts of Orlinoe, 44°27'00"N, 33°45'50"E, pond bank, alt. 250 m, 6.08.2006, *Seregin T-1005* & *Privalova* (MW).

POTAMOGETONACEAE

Potamogeton crispus: Sevastopol, Maximova Dacha, 44°33'40"N, 33°32'40"E, lower reservoir of pond cascade, 19.08.2004, *Seregin T-757* & *Privalova* (MW); 1 km to NE from Sakharnaya Golovka, 44°35'30"N, 33°38'50"E, small pond near spring under electric transmission line, alt. 110 m, 4.08.2006, *Seregin T-943* & *Privalova* (MW).

P. lucens: Baydarskaya valley, 1 km to W from Peredovoye, SE corner of the lesser reservoir on right tributary of the Chernaya River, 44°30'20"N, 33°48'50"E, in water (depth 0,5–1 m) near dam, alt. 270 m, 13.09.2003, *Seregin T-513* & *Privalova* (MW); *ibid.*, in water near dam (washed ashore), 13.09.2003, *Seregin T-514* & *Privalova* (MW); Baydarskaya valley, NW outskirts of Orlinoe, 44°27'00"N, 33°45'50"E, pond, in water, alt. 250 m, 6.08.2006, *Seregin T-1002* & *Privalova* (MW).

RUPPIACEAE

Ruppia cirrhosa: Sevastopol, Karantinnaya Bay, shoal-water, 3.08.1993, *Nikiforova & Belov* (MW).

HYDROCHARITACEAE

Elodea canadensis: Baydarskaya valley, NW outskirts of Orlinoe, 44°27'00"N, 33°45'50"E, pond, in water, alt. 250 m, 6.08.2006, *Seregin T-1007* & *Privalova* (MW).

GRAMINEAE

Digitaria sanguinalis: Sevastopol, stony roadside ditch, 8.09.1988, *Nikiforova & Belov* (MW).

Phleum montanum: The Chernaya River gorge, right bank, *Juniperus* forest, 6.07.1974, *Vinogradova* (MW); Mekenzievy Mts, 4,5 km to NE from Sakharnaya Golovka, 44°36'50"N, 33°41'10"E, *Quercus-Carpinus orientalis* forest on S slope, alt. 300 m, 4.08.2006, *Seregin T-957* & *Privalova* (MW).

Agrostis gigantea: Orlinoe forestry, 2 km to NE from Baydarskiye Vorota pass, N slope of the Main ridge, 44°25'00"N, 33°48'00"E, gorge bottom, glade between road and water-course, alt. 500 m, 20.08.2004, *Seregin T-813* (MW); Baydarskaya valley, 0,75 km to NE from Tylovoye, 44°26'50"N, 33°44'50"E, dominant on a saline meadow, alt. 270 m, 6.08.2006, *Seregin T-981* & *Privalova* (MW).

A. stolonifera: Baydarskaya valley, 0,75 km to NE from Tylovoye, 44°26'50"N, 33°44'50"E, trees and shrubs brake along ditch, alt. 270 m, 6.08.2006, *Seregin T-975* &

Privalova (MW); *ibid.*, saline ground, alt. 270 m, 6.08.2006, *Seregin T-987 & Privalova* (MW).
Calamagrostis epigejos subsp. *glomerata*: Mekenzievy Mts, 3,5 km to NE from Sakharnaya Golovka, 44°36'50"N, 33°40'10"E, ground road margin under electric transmission line, alt. 260 m, 4.08.2006, *Seregin T-953 & Privalova* (MW).

Holcus lanatus: Goncharnoye – 25 km to E from Sevastopol, meadow along stream, above pond, alt. 245 m, 5.06.1962, *P. Smirnov* (MW).

Helictotrichon compressum: Goncharnoye – 25 km to E from Sevastopol, glade in small *Quercus* forest, alt. 250 m, 15.05.1962, *P. Smirnov* (MW).

Arrhenatherum elatius: Vicinity of Maloye Sadovoye, scrub, 4.06.1976, *Belyanina* (MHA).

Catabrosa aquatica: Goncharnoye – 25 km to E from Sevastopol, stream bank, 240 m, 29.05.1962, *P. Smirnov & Shvedchikova* (MW); headwaters of Baydarskaya valley, above Orlinoye, wet place, alt. ca. 400 m, 29.05.1975, *Skvortsov* (MHA).

Melica transsilvanica: Sevastopol, Karantinnaya Bay, crack in old concrete heap, 19.08.2002, *Nikiforova & Belov* (MW); 2 km to S from Balaklava, stony steppe, 21.08.2002, *Nikiforova & Belov* (MW); Sevastopol, 3 km to S from railway station, petrophyte steppe on limestone, S slope, 6.09.2002, *Seregin T-215* (MW).

Poa annua: Sevastopol, 3 km to S from railway station, wet glade at the valley bottom, 6.09.2002, *Seregin T-221* (MW).

Puccinellia distans: Sevastopol, W outskirts, 0,5 km to E from Chersonesos Cape, low flooded seashore, saline ground, 12.09.2002, *Seregin T-298* (MW).

P. gigantea: Sevastopol, Streletskaya Bay, littoral, 12.09.2001, *Seregin T-136* (MW).

Vulpia myuros: Sevastopol, W outskirts, 3 km to SE from Chersonesos Cape, edge of seashore escarp, sparse *Artemisia* petrophyte steppe on limestone, 12.09.2002, *Seregin T-284* (MW).

Bromopsis riparia: Goncharnoye – 25 km to E from Sevastopol, *Quercus* forest margin, alt. 250 m, 18.05.1962, *P. Smirnov* (MW).

B. taurica: Baydarskaya valley, between Shirokoye and Peredovoye, the Chernaya River canyon, 22.05.1986, *Belyanina & al.* (MHA).

CYPERACEAE

Bolboschoenus glaucus: Baydarskaya valley, near Orlinoye, river bank, alt. 260 m, 24.05.1962, *P. Smirnov & Shvedchikova* (MW); Ayazma locality, near spring, 10.06.1985, *Vasilyeva* (MHA).

Schoenoplectus litoralis: Khadzhi-Sala, pond bank, 9.09.2001, *Seregin T-121 & Privalova* (MW).

Carex caryophylla: Near Novyy Simeiz, Baydarskaya yayla near Chertova Lestnitsa pass, 1000 m, 31.05.1952, *P. Smirnov* (MW).

C. digitata: Goncharnoye – 25 km to E from Sevastopol. *Quercus* forest with *Fagus*, alt. 400 m, 26.04.1962, *P. Smirnov* (MW); Baydarskaya valley, between Shirokoye and Peredovoye, the Chernaya River canyon, hardwood forest, 22.05.1986, *Belyanina & al.* (MHA).

C. otrubae: Between Foros Cape and Laspi, coastal *Juniperus-Pinus* forest, 23.05.1963, *Denisova & Knorina* (MW).

C. pendula: Orlinoye forestry, 2 km to NE from Baydarskiye Vorota pass, N slope of the Main ridge, 44°25'00"N, 33°48'00"E, gorge bottom, watercourse bank, alt. 500 m, 20.08.2004, *Seregin T-815* (MW).

C. remota: 4,5 km to W from Peredovoye, the Chernaya River canyon, left bank of the river, 44°30'20"N, 33°46'10"E, moist limestone near water level, alt. 180 m, 13.09.2003, *Seregin T-555 & Privalova* (MW).

LEMNACEAE

Lemna minor: Sevastopol, Maximova Dacha, 44°33'40"N, 33°32'40"E, lower reservoir of pond cascade, 19.08.2004, *Seregin T-759 & Privalova* (MW).

JUNCACEAE

Juncus sphaerocarpus: Goncharnoye – 25 km to E from Sevastopol, stream bank, alt. 240 m, 5.06.1962, *P. Smirnov* (MW).

LILLIACEAE

Gagea bohemica: 1 km to E from Balaklava Bay mouth, 44°29'40"N, 33°36'40"E, NW slope (steepness 10°), *Asphodeline* steppe with some *Juniperus* and *Paliurus spina-christi*, in moss cover, alt. 150 m, 10.04.2003, *Seregin T-408* (MW); 1,5 km to ESE from Balaklava Bay mouth, 44°29'30"N, 33°36'40"E, edge of seashore escarp (flat ground), fine cobble with pioneer communities, alt. 220 m, 10.04.2003, *Seregin T-409* (MW); 1,5 km to ESE from Balaklava Bay mouth, 44°29'30"N, 33°36'50"E, disturbed *Asphodeline* steppe on gentle N slope (steepness 5°) behind the edge of seashore escarp, with *G. dubia* and *G. transversalis*, alt. 230 m, 10.04.2003, *Seregin T-411* (MW).

ALLIACEAE

Allium jajlae var. *jajlae*: Skelya, 30.07.1893, *O. & B. Fedtschenko* (LE); Orlinoye forestry, 0,5 km to NE from Baydarskiye Vorota pass, top of the Main ridge, 44°24'40"N, 33°47'10"E, steppe glade with *Filipendula vulgaris*, alt. 600 m, 20.08.2004, *Seregin T-791* (MW).

DIOSCOREACEAE

Tamus communis: Eski-Kermen, Zelenyy Vodopad, *Carpinus betulus-Fagus* forest, 1.06.1981, *I. Smirnov 310* (MHA).

IRIDACEAE

Gladiolus italicus: Goncharnoye – 25 km to E from Sevastopol. Wet meadow along river, below settlement, alt. 230 m, 29.05.1962, *P. Smirnov & Shvedchikova* (MW).

SALICACEAE

Populus italica: Sevastopol, 3 km to S from railway station, upper part of SW slope of the valley, heavily eroded slope, 6.09.2002, *Seregin T-246* (MW).

Salix babylonica: Rezervnoye – Balaklava, bank of artificial ditch, 15.04.2001, *Seregin T-69 & Privalova* (MW); Orlinoye forestry, 2 km to NE from Baydarskiye Vorota pass, N slope of the Main ridge, 44°25'00"N, 33°48'00"E, bottom of the gorge, bank of forest reservoir, several mature trees, alt. 500 m, 20.08.2004, *Seregin T-814* (MW).

S. caprea: 2 km to SW from Khadzhi-Sala, forest margin, 9.09.2001, *Seregin T-124 & Privalova* (MW).

S. triandra: Goncharnoye – 25 km to E from Sevastopol, stream bank above pond, alt. 250 m, 23.05.1962, *P. Smirnov & Shvedchikova* (MW); Baydarskaya valley, between

Shirokoye and Peredovoye, meadows in the Chernaya River valley (before canyon), 22.05.1986, *Belyanina & al.* (MHA); Baydarskaya valley, 1 km to W from Peredovoye, SE corner of the lesser reservoir on right tributary of the Chernaya River, 44°30'20"N, 33°48'50"E, strip of *Salix* stand on muddy bank, alt. 270 m, 13.09.2003, *Seregin T-505 & Privalova* (MW); Baydarskaya valley, 0,5 km to NNE from Tylovoye, 44°26'40"N, 33°44'30"E, trees and shrubs brake along ditch, alt. 280 m, 6.08.2006, *Seregin T-965 & Privalova* (MW).

MORACEAE

Maclura pomifera: Sevastopol, SE outskirts, E slope of Mount Sapun-Gora, along Sevastopol – Yalta highway, forest margin, 10.09.2002, *Seregin T-263 & Privalova* (MW).

URTICACEAE

Urtica urens: Inkerman, ruins of the citadel near the Chernaya River mouth, limestone outcrops near caves' entrance, 13.04.2001, *Seregin T-11 & Privalova* (MW).

POLYGONACEAE

Polygonum amphibium: Baydarskaya valley, 1 km to W from Peredovoye, S bank of the lesser reservoir on right tributary of the Chernaya River, 44°30'20"N, 33°48'50"E, stony shoal-water (depth 0,3 m) along dam, alt. 270 m, 13.09.2003, *Seregin T-522 & Privalova* (MW).

P. hydro Piper: Left bank of the Chernaya River in 2,5 km above it's mouth, under bridge of Sevastopol detour highway, 44°35'20"N, 33°37'00"E, swampy bank, alt. 0–5 m, 18.08.2004, *Seregin T-733* (MW).

P. retinerve: Sevastopol, near Chersonesos museum and reserve territory, beach, on sand, 1.08.1991, *V. Belov* (MW).

CHENOPODIACEAE

Chenopodium murale: Inkerman, ruins of the citadel near the Chernaya River mouth, limestone outcrops near caves' entrance, 13.04.2001, *Seregin T-10 & Privalova* (MW); Mekenzievy Mts, 4,5 km to ENE from Mekenzievy Gory station, ground road margin above Dalneye, 15.09.2002, *Seregin T-321 & Privalova* (MW).

Atriplex aucheri: Batiliman, seashore near Laspi, 22.10.1937, *Tyuremnov* (MW).

A. micrantha: Sevastopol, vicinity of Streletskaya Bay, lawn, 12.09.2001, *Seregin T-138* (MW); *ibid.*, limestone slope, 13.09.2001, *Seregin T-153 & Privalova* (MW).

Ceratocarpus arenarius: Behind Sevastopol, steppe, 27.08 s.a., *Kaufman* (MW).

Kochia scoparia: Sevastopol, near Omega Bay, waste place, 4.09.1990, *Belov* (MW).

Salsola pontica: Sevastopol, Northern side, Uchkuyevka, 44°38'50"N, 33°32'10"E, sandy beach below seashore escarp, alt. 0–5 m, 22.08.2004, *Seregin T-822* (MW).

Petrosimonia brachiata: Sevastopol, W outskirts, 3 km to SE from Chersonesos Cape, edge of seashore escarp, pioneer community on crumbling fine earth, 12.09.2002, *Seregin T-290* (MW).

AMARANTHACEAE

Amaranthus blitoides: Lyubimovka, hills of Mekenzievy Mts on vineyards margin,

14.09.1961, *Kozhevnikova* (YALT); Vicinity of Inkerman, as a weed on beetroot field, 26.06.1964, *Kozhevnikova* (YALT); Sevastopol, waste ground in the city, 21.09.1966, *Kozhevnikova* (YALT); Vicinity of Balaklava, slopes of permanent way, 18.07.1967, *Kozhevnikova* (YALT); Mekenzievy Mts, 6 km to SE from Mekenzievy Gory station, Sevastopol detour highway margin, 15.09.2002, *Seregin T-346 & Privalova* (MW).

A. caudatus: Balaklava, 1908, *Andreyev* (YALT).

A. deflexus: Balaklava, waste ground at the town streets, 18.07.1967, *Kozhevnikova* (YALT).

A. paniculatus: Sevastopol, 3 km to S from railway station, wet glade at the valley bottom, 6.09.2002, *Seregin T-226* (MW).

CERATOPHYLLACEAE

Ceratophyllum demersum: Baydarskaya valley, NW outskirts of Orlinoe, 44°27'00"N, 33°45'50"E, pond, in water, alt. 250 m, 6.08.2006, *Seregin T-1008 & Privalova* (MW).

RANUNCULACEAE

Batrachium rionii: Inkerman, 23.06.1893, *O. & B. Fedtschenko* (MW).

Ceratocephala falcata: In argillosis pr. Sevastopolin (Mount Malakhov Kurgan), 15(27).04.1900, N. Zinger in Herbarium Florae Rossicae 901 (LE, MW, MHA & al.); Sevastopol, Mount Malakhov Kurgan (park), 1965, *Dyatlova* (MW).

C. incurva: Goncharnoye – 25 km to E from Sevastopol, field margin, alt. 240 m, 7.05.1962, *P. Smirnov* (MW); Sevastopol (W outskirts), headwaters of Kazach'ya Bay, 44°33'40"N, 33°24'30"E, stony steppe, bare limestone soil, alt. 20 m, 18.04.2007, *Seregin T-1091* (MW).

Ranunculus chius: Sevastopol, 1/2 04.1886, *Syreishchikov* 8331 (MW).

PAPAVERACEAE

Papaver stevenianum: Cape Aya reserve, Ayazma locality, *Quercus-Carpinus orientalis* forest, alt. 300 m, 1.06.1985, *Vasilyeva* (MHA); Sevastopol, permanent way near station, 17.04.2001, *Seregin T-80* (MW).

P. tichomirovii: To SE from Zalesnoye, Mount Mangup-Kale, plateau, Gelli-Burun Cape, meadow, 23.05.1986, *Belyanina & al.* (MHA).

CRUCIFERAE

Nasturtium officinale: Sevastopol, 3 km to S from railway station, wet glade at the valley bottom, 6.09.2002, *Seregin T-224* (MW).

Rorippa austriaca: Goncharnoye – 25 km to E from Sevastopol, wet meadow along stream bank, alt. 240 m, 5.06.1962, *P. Smirnov* (MW).

Arabis turrita: Eski-Kermen, Zelenyy Vodopad, *Carpinus betulus-Fagus* forest, 1.06.1981, *I. Smirnov* 303 (MHA).

Cheiranthus cheiri: Foros Cape, park, escape from cultivation, 28.06.1981, *Gogina* 5 (MHA).

CRASSULACEAE

Sedum caespitosum: Inkerman, ruins of the citadel near the Chernaya River mouth, bare loamy sand, 13.04.2001, *Seregin T-15 & Privalova* (MW).

S. rubens: Laspi locality, *Juniperus* light forest on slopes, 19–20.05.1986, *Belyanina & al.* (MHA).

ROSACEAE

Spiraea crenata: Sevastopol – Yalta highway, between junction to Laspi Bay and junction to Aya Cape, stony slope along road margin, 14.04.2001, *Seregin T-47 & Privalova* (MW).

Cotoneaster horizontalis: S outskirts of Sevastopol, vicinity of Lermontov Cape, tourist hostel, 44°30'50"N, 33°28'40"E, disturbed edge of seashore escarp; relic of former cultivation, alt. 90 m, 11.09.2003, *Seregin T-424 & Privalova* (MW).

Crataegus monogyna: Vicinity of Goncharnoye, *Quercus-Carpinus orientalis* forest margin, 30.05.1985, *Vasilyeva* (MHA); Sevastopol, 3 km to S from railway station, upper part of SW valley slope, petrophyte steppe on limestone, 6.09.2002, *Seregin T-241* (MW); S outskirts of Sevastopol, vicinity of Lermontov Cape, 44°30'50"N, 33°28'50"E, edge of seashore escarp, thinned out petrophyte communities, alt. 100 m, 11.09.2003, *Seregin T-430 & Privalova* (MW); Sevastopol, Maximova Dacha, 44°33'50"N, 33°32'30"E, valley bottom below pond cascade, thinned out groups of trees, 19.08.2004, *Seregin T-765 & Privalova* (MW).

C. rhipidophylla: Sevastopol, Maximova Dacha, 44°33'40"N, 33°32'40"E, bank of middle reservoir of pond cascade (ancient park of estate), 19.08.2004, *Seregin T-760 & Privalova* (MW).

Rubus idaeus: 1 km to N from Sakharnaya Golovka, 44°35'30"N, 33°38'10"E, cutting in rocks along detour highway, alt. 130 m, 4.08.2006, *Seregin T-942 & Privalova* (MW).

Fragaria campestris: Baydarskaya valley, 2 km to N from Orlinoye, 44°28'00"N, 33°46'00"E, strip of trees and shrubs on hill foot, alt. 240 m, 16.04.2007, *Seregin T-1043* (MW).

F. viridis: Kuchuk-Muscomiya, 20.05.1843, *Ilyin* (MW).

Potentilla micrantha: Goncharnoye – 25 km to E from Sevastopol, mountains to E from settlement, belt of *Fagus* forest, alt. 400 m, 30.04.1962, *P. Smirnov* (MW); 8,5 km to SE from Balaklava, 44°26'40"N, 33°39'40"E, along forest road on NE slope (steepness 10°), *Quercus* forest with plantations of *Pinus pallasiana*, alt. 600 m, 10.04.2003, *Seregin T-420* (MW).

Rosa agrestis: Sevastopol, Mount Sapun-Gora, SE slope, limestone, 26.07.1984, *Buzunova 144* (LE).

R. ×alba: Peninsula Tracheja. Ad littor. maris prope Thiolent, 3/3 07.1895, *Alexeenko*, teste *Crépin* (LE).

R. andegavensis: Vicinity of Balaklava, stony slope, sparse hardwood forest, 6.06.1976, *Belyanina* (MHA); Maximova Dacha, hill, 3.06.1982, *Buzunova 135 (55)* (LE); Sevastopol, Mount Sapun-Gora, SE slope, limestone, 26.07.1984, *Buzunova* (LE); Sevastopol, Maximova Dacha in 5 km to S from the city, hill slope, 29.07.1984, *Buzunova 130, 133 & s.n. [×2]* (LE).

R. balsamica: Near Baydarskiye Vorota pass, slope, 21.06.1912, *Ganeshin* (LE).

R. gallica: Baydarskaya valley, between the Chernaya River and Urkukdusy [Urkusta], 18.06.1906, *Kryshstofovich* (LE); Near Baydarskiye Vorota pass, open slope, 21.06.1912, *Ganeshin* (LE); Sevastopol, Mount Sapun-Gora, SE slope, limestone, 16.06.1982 [fl.], *Buzunova 65, 66 & s.n. [×2]* (LE); *ibid.*, 26.07.1984 [fr.], *Buzunova 66 & s.n.* (LE); Cape Aya reserve, Ayazma locality, stony W slope, *Pinus stankewiczii* forest, alt. 200–300 m, 1.06.1985, *Vasilyeva* (MHA).

Prunus insititia: K[uchuk] Muscomiya, 20.05.1843, *Ilyin* (MW).

LEGUMINOSAE

Genista pontica: Baydarskiye Vorota pass, rocks, 23.05.1877, *Egorov* (LE).

Medicago glandulosa: Baydary, 1837–47, *Ilyin* (MW).

M. truncatula: Near Sarych, Komper's estate, slopes covered with *Juniperus excelsa*, 3.05.1905, *Busch* (LE – p. p.).

M. ×varia: Sevastopol, SE outskirts, E slope of Mount Sapun-Gora, margin of Sevastopol – Yalta highway, 10.09.2002, *Seregin T-264 & Privalova* (MW); Baydarskaya valley, 1 km to W from Peredovoye, 44°30'20"N, 33°48'50"E, SE corner of the lesser reservoir on right tributary of the Chernaya River, dam road margin, alt. 270 m, 13.09.2003, *Seregin T-519 & Privalova* (MW).

Trifolium alpestre: Laspi, 19.05.1843, *Ilyin* (MW).

T. bonanii: Inkerman, near the Chernaya River mouth, 23.06.1893, *O. & B. Fedtschenko* (LE); near Balaklava, saline road side, 26.07.2001, *Nikiforova & Belov* (MW); Sevastopol, 3 km to S from railway station, wet glade at the valley bottom, 6.09.2002, *Seregin T-228* (MW); Right bank of the Chernaya River, below bridge of Sevastopol detour highway, 44°35'20"N, 33°37'00"E, *Populus* stand margin on flood plain, alt. 0–5 m, 4.08.2006, *Seregin T-915 & Privalova* (MW).

T. hirtum: Between Foros Cape and Laspi, coastal *Juniperus-Pinus* forest, 23.05.1963, *Denisova & Knorina* (MW).

T. lappaceum: Sarych Cape, *Juniperus* forest, dry slopes, 22.06.1973, *Matsenko* (MHA).

Lotus frondosus: Inkerman, 23.06.1893, *O. & B. Fedtschenko* (LE – p. p.).

L. juzepczukii: Mount Mangupkale, alt. 400 m, 8.07.1974, *V. Dolgacheva* (MHA).

L. tenuis: Inkerman, 23.06.1893, *O. & B. Fedtschenko* (LE – p. p.); Near shore of Kamshevaya Bay, glades with low salinity, 30.06.1981, *Tzvelev 157* (LE); Baydarskaya valley, 0,75 km to NE from Tylovoye, 44°26'50"N, 33°44'50"E, saline ground, alt. 270 m, 6.08.2006, *Seregin T-984 & Privalova* (MW).

Galega officinalis: Baydary, 09.1843, *Ilyin* (MW).

Vicia hirsuta: Ridge between Aya Cape and Rezervnoye in 18–20 km to SE from Sevastopol, forest margin, 15.05.1984, *Tzvelev & al. 431* (LE); Baydarskaya valley, between Shirokoye and Peredovoye, the Chernaya River canyon, forest on right bank, 22.05.1986, *Belyanina & al.* (MHA).

V. olbiensis: Ridge between Aya Cape and Rezervnoye in 18–20 km to SE from Sevastopol, stony slopes, 15.05.1984, *Tzvelev & al. 426* (LE); Balaklava, ruins of Chembolo citadel, stone seashore slope, 17.04.2001, *Seregin T-94 & Privalova* (MW); 5 km to SE from Balaklava, 44°28'50"N, 33°38'50"E, E slope, petrophyte steppe at small glade among *Juniperus-Quercus* forest, alt. 440 m, 10.04.2003, *Seregin T-416* (MW).

V. segetalis: St. George monastery, 19.06.1893, *O. & B. Fedtschenko* (LE); Laspi valley, 4.05.1905, *Busch* (LE); Between Sarych Cape and Laspi, *Juniperus excelsa* forest, 4.05.1905, *Busch* (LE); Between Shaytan-Merdven pass and Skelya, *Fagus* forest, 6.05.1905, *Busch* (LE); Near Baydarskiye Vorota pass, *Fagus* forest 22.05.1912, *Ganeshin* (LE).

V. tenuissima: Foros, stony slopes above church, alt. ca. 300 m, 29.05.1975, *Skvortsov* (MHA).

LINACEAE

Linum marschallianum: Entrance to Baydarskaya yayla (way from Baydary), slope near road, 15.07.1949, *Juzepczuk 1915* (LE); Baydarskaya yayla, 15.07.1949, *Srebrodolskaya*

& *Gozheva* (LE); Baydarskaya yayla, near road close to maritime precipice, near Bizyuk locality, 16.07.1949, *Juzepczuk 1919* (LE); Baydarskaya yayla above Foros, stony steppe, 14.08.1979, *Yurtseva* (MW).

EUPHORBIACEAE

Euphorbia canescens: Batiliman, seashore, cracks in rocks, 15.09.1937, *Muravjeva* (LE).
E. helioscopia subsp. *helioscopia*: Balaklava, 20.06.1893, *O. & B. Fedtschenko* (LE); Inkerman, 23.06.1893, *O. & B. Fedtschenko* (LE); Sevastopol, field, 5.05.1896, *Golde* (LE); Inkerman, 4.04.1900, *Arsenyev* (LE); Balaklava valley, 30.04.1905, *Busch* (LE); Vicinity of Sevastopol, 30.04.1905, *Busch* (LE); Baydarskaya valley, flat top of Mount Biyuk-Sinor, terra rossa, 15.04.1906, *Kryshstofovich* (LE); Vicinity of Zolotaya Balka, Fedyukhinskiye hills (offshoots of Mekenzievy Mts), open stony slope, 20.04.1988, *Shatko & al.* (MHA).

E. helioscopia subsp. *helioscopioides*: Urkusty, 21.05.1843, *Ilyin* (MW); Vicinity of Sevastopol, near citadel, fields, 5.04.1888, *Ivanov* (MW); Sevastopol, 14.04.1889, *Paczoski* (LE); Sevastopol, 20.04.1892, [*Lipsky*] (LE); In collibus prope Stat. Belbek, 7(20) & 8(21).04.1900, *Puring* (LE); Near Sarych, Komper's estate, slopes covered with *Juniperus excelsa*, 2 & 3.05.1905, *Busch* (LE); Sevastopol × Chersonesos, stony fields, 20.04.1906, [*Kryshstofovich*] (LE); Inkerman valley, hill on right bank of the Chernaya River in 3 km above its mouth, lower part of S slope, 15.05.1933, *Mikeshin 219* (MW); Dergachi station, stony slopes, 14.05.1976, *Kiseleva & Belyanina* (MHA); Kamyshovaya Bay, dry stony steppe plots, 16.05.1984, *Tzvelev & al. 491 & 573* (LE); Baydarskaya valley, between Shirokoye and Peredovoye, open stony slope before the Chernaya River canyon, 22.05.1986, *Belyanina & al.* (MHA); Sevastopol, Korabelnaya side, Matros Koshka square, soded slope to railway, 17.04.2001, *Seregin T-78* (MW); Vicinity of Balaklava, 1 km to W from Oboronnoye, 44°31'20"N, 33°37'50"E, SW slope of separate mount (steepness 15°), stony steppe, alt. 80 m, 5.04.2003, *Seregin T-385 & Privalova* (MW); Baydarskaya valley, 2 km to N from Orlinoye, 44°28'00"N, 33°46'00"E, S stony and fine earth foothill with *Juniperus excelsa* light forest, alt. 250 m, 16.04.2007, *Seregin T-1040* (MW).

E. platyphyllos: The Belbek River valley in vicinity of Duvankoy, well-drained irrigation ditch in orchard, 12.08.1926, *Deutsch* (LE).

E. seguieriana: Sevastopol, Streletskaia Balka valley, steppe slope, 8.08.1991, *Belov* (MW).

E. stepposa: Sevastopol, near Mount Sapun-Gora, 4.08.1914, *Sprygin 1287* (LE).

ACERACEAE

Acer negundo: Vicinity of Inkerman–II station, railway to Balaklava, 44°34'30"N, 33°36'40"E, permanent way edge, alt. 10 m, 18.08.2004, *Seregin T-713* (MW).

A. pseudoplatanus: Sevastopol, Maximova Dacha, 44°33'30"N, 33°32'50"E, young growth in broad-leaved forest (ancient park of estate); naturalized, 19.08.2004, *Seregin T-754 & Privalova* (MW).

MALVACEAE

Abutilon theophrastii: SE outskirts of Inkerman, the Chernaya River, 2,5 km below its mouth, under bridge of Sevastopol detour highway, swampy bank, 15.09.2002, *Seregin T-352 & Privalova* (MW).

Althaea × *taurinesis*: The Belbek River valley in vicinity of Duvankoy, near well-drained irrigation ditch in orchard, 10.08.1926, *Deutsch* (LE).

Malva sylvestris var. *eriocarpa*: Sevastopol, 20–30.08.1858, *Kessler & Jelski* (LE); Streets of Sevastopol, 23.06.1876, *Litviniov* (LE); Vicinity of Sevastopol (St. George monastery, Chersonesos, Inkerman Bay, etc.), 20–25.06.1889, *Korshinsky* (LE); Inkerman, rocks, 2.06.1897, *Grigoryev* (LE); Vicinity of Sevastopol, 30.04.1905, *Busch* (LE); Balaklava valley, 30.04.1905, *Busch* (LE); Between Sarych Cape and Laspi, *Juniperus excelsa* forest, 4.05.1905, *Busch* (LE); Chersonesos – limestone soil, 20.04.1906, *Kryshstofovich* (LE); Laspi, along footpass near Aya Cape, 1.05.1906, *Kryshstofovich* (LE); Inkerman, above station, 23.06.1906, *Shirayevsky* (LE); Sevastopol, 31.07.190[8], *Milyutin* (LE); Sevastopol, near Mount Sapun-Gora, 4.08.1914, *Sprygin 1290* (LE); Chersonesos ruins, 22.08.1962, *Pobedimova & Gladkova 400* (LE).

M. sylvestris var. *mauritiana*: Laspi valley (Between Aya Cape and Sarych Cape), along highway, 15.05.1984, *Tzvelev & al. 466* (LE).

HYPERICACEAE

Hypericum lydiium: ...Slopes near St. George monastery (near Sevastopol)..., s.d., *V. Taliyev* (LE); 8 versts behind Baydary, rocks near road, 3(16).06.1900, *Syreishchikov* (LE).

H. tauricum: Ay-Petrinskaya Yayla above Oliva, 7,5 km to E from Baydarskiye Vorota pass, 44°25'20"N, 33°52'20"E, stony steppe of yayla, alt. 820 m, 31.07.2006, *Seregin T-882 & Privalova* (MW).

CISTACEAE

Helianthemum georgicum: Sevastopol, 25.06.1876, *Litviniov* (LE); Vicinity of Sevastopol, 20–25.06.1889, *Korshinsky* (LE); St. George monastery near Sevastopol, 19.06.1893, *O. & B. Fedtschenko* (LE); Balaklava valley, 30.04.1905, *Busch* (LE); Near Sarych, Komperia estate, slopes covered with *Juniperus excelsa*, 2 & 3.05.1905, *Busch* (LE); Near Sarych Cape, rocks and top of Yayla, 2 & 3.05.1905, *Busch* (LE); Laspi, the lowest belt, loamy and limestone stony open slope sparsely covered with *Juniperus excelsa*, 24.04.1906, *Kryshstofovich* (LE); Baydarskaya valley, stony slope of Mount Kizil-Kaya (the Chernaya River gorge), 26.04.1906, *Kryshstofovich* (LE); Manghoup × Shoulia, in cretaceis, 13.06.1907, *Kryshstofovich* (LE); Near Sevastopol, open places, 21.05.1912, *Ganeshin* (LE); 2 km to SE from Kuchka, stony hill top, 16.05.1933, *Mikeshin 189* (MW); Baydarskaya yayla, near Bizyuk locality, stony slope near maritime precipice, 5.06.1949, *Juzepczuk & Kuprianova 1590* (LE); Dergachi station, stony slopes, 14.05.1976, *Kiseleva & Belyanina* (MHA); Laspi, stones on glade in *Quercus* forest, alt. ca. 20 m, 7.04.1979, *Skvortsov* (MHA); hilly stony plain near Omega beach to W from Sevastopol (behind Chersonesos), 26.06.1981, *Tzvelev 145* (LE); Kamyshovaya Bay, dry stony steppe plots, 16.05.1984, *Tzvelev & al. 519* (LE); Vicinity of Zolotaya Balka, Fedyukhinskiye hills (offshoots of Mekenzievy Mts), open stony slope, 20.04.1988, *Shatko & al.* (MHA); Sevastopol, 3 km to S from railway station, SW valley slope, petrophyte steppe on limestones, 6.09.2002, *Seregin T-239* (MW).

H. stevenii: Baydarskiye Vorota pass, yayla, 28.06.1893, *O. & B. Fedtschenko* (LE); Baydarskaya yayla, near Bizyuk locality, stony slope near maritime precipice, 5.06.1949, *Juzepczuk & Kuprianova 1590* (LE).

VIOLACEAE

Viola ambigua: Cape Aya reserve, Ayazma locality, W stony slope, *Pinus stankewiczii* forest, alt. 200–300 m, 1.06.1985, *Vasilyeva* (MHA); Mekenzievy Mts, 0,5 km to NE from Mekenzievy Gory station, 44°39'20"N, 33°36'00"E, steppe margin of *Pinus pallasiana* plantation, 4.04.2003, *Seregin T-358* (MW).

V. dehnhardtii: Laspi, pass top, rare, 8.04.1907, *Kryshstofovich* (LE); Baydary, ascent to Baydarskiye Vorota pass, among scrub in stony places, 18.04.1907, *Kryshstofovich* (LE); Goncharnoye – 25 km to E from Sevastopol, *Quercus* forest, alt. 240 m, 21.04.1962, *P. Smirnov* (MW); Yayla above Foros, Opoznoyeye forestry, meadow plot in steppe, 30.04.1979, *Onipchenko* (MW); Baydarskaya valley, vicinity of Orlinoye, meadow glade, 13.05.1984, *Tzvelev & al.* 216 (LE); Laspi valley (between Aya Cape and Sarych Cape), rocks, 15.05.1984, *Tzvelev & al.* 458 (LE); Cape Aya reserve, Ayazma locality in 2 km to S from Rezervnoye, *Quercus-Carpinus orientalis* forest margin, 1.06.1985, *Vasilyeva* (MHA); Laspi locality, *Juniperus* light forest on slopes, 19–20.05.1986, *Belyanina & al.* (MHA); Baydarskaya valley, between Shirokoye and Peredovoye, the Chernaya River canyon, hardwood forest, 22.05.1986, *Belyanina & al.* (MHA); Sevastopol, Delegartova Balka valley, stony steppe, 18.08.1995, *Belov & Nikiforova* (MW); below Sevastopol – Yalta highway, junction to Laspi Bay, along stream (a tributary of the Laspi stream), *Carpinus betulus* forest, 14.04.2001, *Seregin T-42 & Privalova* (MW); Sevastopol – Yalta highway, near Tylovoye junction, road side shelter belt, 15.04.2001, *Seregin T-51 & Privalova* (MW); Mekenzievy Mts, 4 km to NE from Mekenzievy Gory station, vicinity of Povorotnoye, 44°40'30"N, 33°38'00"E, overmoisted talweg of forest valley open to N, 4.04.2003, *Seregin T-375* (MW); Baydarskaya valley, 0,5 km to NW from Orlinoye, 44°27'20"N, 33°46'00"E, flood plain forest along small stream, alt. 240 m, 16.04.2007, *Seregin T-1013* (MW).

V. hymettia: Road from Sevastopol to Balaklava, 7.04.1906, *Vinogradov-Nikitin* (LE).

V. tanaitica: Ascent to Mangup-Kale between Ellinskiy Cape and Tavriyskiy Cape, young *Quercus* forest in middle part of slope, 26.08.1956, *Grosset* (MW).

THYMELAEACEAE

Daphne laureola: Ay-Petrinskaya Yayla near Chertova Lestnitsa pass, 14.08.1987, *Ogureyeva* (MW).

ONAGRACEAE

Epilobium montanum: Ascent from Uzundzha to Yayla, forest, 18.06.1907, *Kryshstofovich* (LE).

Chamerion angustifolium: Belbek railway station, wet places, frequent, 7.08.1895, *Levandovsky* (LE).

UMBELLIFERAE

Anthriscus cerefolium: The Chernaya River valley, *Carpinus betulus-Fagus* forest, 27.05.1964, *Khokhlova* (YALT).

Scandix macrorrhyncha: Goncharnoye – 25 km to E from Sevastopol, S limestone slope covered with *Juniperus*, alt. 300 m, 22.04.1962, *P. Smirnov* (MW, LE); the Chernaya River valley to N from Shirokoye, open stony slope in *Juniperus* forest, 27.05.1964, *Mazurik* (YALT); The Chernaya River valley, herbaceous glade, 3.05.1967, *Kosykh & Mazurik* (YALT).

S. stellata: Batiliman, SW slope, *Pistacia-Juniperus* forest, 5.06.1977, *Kosykh* (YALT); to NE from Oboronoye, 11.06.1981, *Kosykh* (YALT); to W from Kamyshovaya Bay, 26.04.1984, *Kosykh* (YALT); Rodnikovskoye, SW slope 25° below Skelskiye caves, *Juniperus excelsa* forest, 17.05.1990, *Golubev* (YALT).

Torilis heterophylla: Vicinity of Tesseli, *Juniperus* forest, 29.05.1975, *Kosykh* (YALT).

T. japonica: Sevastopol, 23.03.1895 [juv.], [*Golde*] (LE); Goncharnoye, scrub, 28.08.1967, *Belyanina* (MW, LE); Orlinoye forestry, 2 km to NE from Baydarskiye Vorota pass, N slope of the Main ridge, 44°25'00"N, 33°48'00"E, gorge bottom, margin along forest road, alt. 500 m, 20.08.2004, *Seregin T-816* (MW); Baydarskaya valley, 0,5 km to NNE from Tylovoe, 44°26'40"N, 33°44'30"E, trees and shrubs brake along ditch, alt. 280 m, 6.08.2006, *Seregin T-962 & Privalova* (MW).

Bupleurum asperuloides: Skelya, 30.07.1893, *O. & B. Fedtschenko* (LE); Balaklava, 20.08.1896, *Andreyev* (YALT); *Juniperus-Quercus* forest between Laspi and Foros, alt. ~100 m, 5.09.1972, *Shvedchikova* (MW); Sarych Cape, dry slopes in *Juniperus* forest, 22.06.1973, *Matsenko* (MHA); 5 km to S from Balaklava, stony margin of mountainous road, 21.08.2002, *Nikiforova & Belov* (MW).

B. exaltatum: Sevastopol, 24.07.1895, *Alexeenko* (LE); 10 km to E from Baydarskiye Vorota pass, mountainous slope, 20.08.1955, *Tyuremnov* (MW); Ay-Petrinskaya Yayla near Chertova Lestnitsa pass, 14.08.1987, *Ogureyeva* (MW); Baydarskaya yayla, 3,75 km to E from Baydarskiye Vorota pass, 44°24'50"N, 33°49'30"E, stony steppe of yayla, alt. 680 m, 31.07.2006, *Seregin T-868 & Privalova* (MW).

B. falcatum: 10 km to E from Baydarskiye Vorota pass, mountainous slope, 20.08.1955, *Tyuremnov* (MW).

B. fruticosum: Batiliman (near Aya Cape), naturalized, 3.09.1960, *Popov* (YALT).

B. pauciradiatum: Balaklava, 16.08.1893, *Alexeenko* (LE).

B. woronowii: Between Mangup-Kale and Shulya, 29.07.1893, *O. & B. Fedtschenko* (LE); Sevastopol, mountain slopes in Inkerman Bay, 8.08.1893, *Korshinsky* (LE); Belbek railway station, forest margins, frequent, 7.08.1895, *Levandovsky* (LE); Laspi, 1906, *Kryshstofovich* (LE); right bank of the Chernaya River, 44°35'10"N, 33°37'40"E, S stony slope of Mount Sakharnaya Golovka, in *Quercus* shade, alt. 90 m, 4.08.2006, *Seregin T-936 & Privalova* (MW).

Carum carvi: Laspi slope, 13.06.1979, *Korzhenevsky* (YALT).

Pimpinella peregrina: Fiolent Cape, near St. George monastery, 24.07.1895, *Alexeenko* (LE); Laspi, glade near stream, 1906, *Kryshstofovich* (LE); *ibid.*, near vineyard, 25.05.1907, *Kryshstofovich* (LE); Yalta – Sevastopol highway, to NE from Oboronnoye, near Soviet soldiers monument, 29.06.1978, *Kosykh & Usacheva* (YALT); Laspi rocks, 14.06.1979, *Korzhenevsky* (YALT); Sevastopol, territory of Chersonesos state museum and reserve of history and archaeology, steppe plot, 16.09.1983, *Belov & Nikiforova* (MW).

Peucedanum tauricum: Baydarskiye Vorota pass, 08.1895, *Alexeenko* (LE); *ibid.*, 13(26).07.1901, *Golde* (LE); *ibid.*, rocks, 4.08.1914, *Sprygin 1312* (LE); Circus near Kolkhoznoye on the Chernaya River, *Juniperus* forest on W slope, in pre-yayla part, 3.10.1986, *Golubeva* (YALT).

PRIMULACEAE

Androsace elongata: Vicinity of Sevastopol, fourth bastion, 6.04.1888, *Ivanov* (MW).

BUDDLEJACEAE

Buddleja davidii: Sevastopol, 2,5 km to S from railway station, valley bottom, eroded limestone, 6.09.2002, *Seregin T-250* (MW).

CUSCUTACEAE

Cuscuta campestris: SE outskirts of Inkerman, 2,5 km above the Chernaya River mouth, under bridge of Sevastopol detour highway, swampy bank, 15.09.2002, *Seregin T-353 & Privalova* (MW); Vicinity of Inkerman–II station, left side of the Chernaya River valley, 44°34'50"N, 33°36'50"E, road margin, alt. 0–5 m, 18.08.2004, *Seregin T-725* (MW).

C. monogyna: S outskirts of Sevastopol, between Lermontov Cape and Fiolent Cape, 44°30'40"N, 33°29'00"E, SW limestone seashore slope, along small stream, alt. 60 m, 11.09.2003, *Seregin T-465 & Privalova* (MW).

BORAGINACEAE

Pulmonaria obscura: In collibus prope Stat. Belbek, 7(20).04.1900, *Puring* (LE).

Lithospermum arvense: Balaklava, 20.06.1893, *O. & B. Fedtschenko* (LE); In collibus prope Stat. Belbek, 7(20).04.1900, *Puring* (LE); Middle part of descent to Laspi – loam, near road, 23.03.1906, *Kryshstofovich* (LE); Laspi Cape, loamy limestone scree, 24.04.1906, *Kryshstofovich* (LE).

L. officinale: Near Baydarskiye Vorota pass, 27.06.1893, *O. & B. Fedtschenko* (LE).

L. sibthorpiatum: Sevastopol, 5.05.1896, *Golde* (LE); St. George monastery, 19.06.1893, *O. & B. Fedtschenko* (LE); Steppe in 10 versts from Sevastopol (to Baydarskiye Vorota pass), 5.04.1900, *Arsenyev* (LE); Laspi, 28.03.1906, *Kryshstofovich* (LE); Balaklava, 7.04.1906, *Vinogradov-Nikitin* (LE); Baydary × Skelya (meadow), 10.04.1906, *Kryshstofovich* (LE); Sevastopol, streets of ancient Chersonesos, 21.04.1988, *Shatko & al.* (MHA); Inkerman, ruins of the citadel near the Chernaya River mouth, glade, 13.04.2001, *Seregin T-2 & Privalova* (MW).

L. tenuiflorum: Baydarskaya valley, 2 km to N from Orlinoe, 44°28'00"N, 33°46'00"E, S stony and fine earth hill slope covered with *Juniperus excelsa* light forest, alt. 250 m, 16.04.2007, *Seregin T-1039* (MW).

LABIATAE

Ajuga laxmannii: Between Khodzha-Sala, Shulya and Chorgun, chalky outcrops, 13.06.1907, *Kryshstofovich* (LE).

Teucrium jailae: Batiliman, Mount Ilyi slope, 22.10.1937, *Tyuremnov* (MW); Baydarskaya yayla, stony slope near maritime precipice above Melas, 16.07.1949, *Juzepczuk 1923* (LE); Ay-Petrinskaya Yayla near Chertova Lestnitsa pass, 14.08.1987, *Ogureyeva* (MW).

Rosmarinus officinalis: Sevastopol – Yalta highway, near Sarych Cape junction, stony slope, 14.04.2001, *Seregin T-19 & Privalova* (MW).

Phlomis pungens: Sevastopol, Powder Depot, 22.07.1852, *Chugayevich* (LE).

Lamium album: Belbek, highway among groves, 24.04.1910, *Spiro* (LE).

Stachys germanica: Sevastopol, Yuzhnaya Bay, 30.07.1896, *Fedoseev* (LE).

Salvia nutans: Vicinity of Zalesnoye, petrophyte meadow steppe, 2.06.1981, *I. Smirnov 321* (MHA).

S. verbenacea: 15 km to NE from Balaklava, W hill slope, among shrubs, 23.05.1933,

Mikeshin 85 (MW); Sevastopol, slopes covered with semi-weed vegetation near Chersonesos road, 23.06.1981, *Tzvelev* 28 (LE); Kamyshevaya Bay, dry stony plots, 16.05.1984, *Tzvelev & al.* 583 (LE).

Calamintha grandiflora: Sevastopol, St. George monastery, field, 3.06.1897, *Grigoryev* (LE).

Mentha arvensis: Baydarskaya valley, 1 km to W from Peredovoye, SE corner of the lesser reservoir on right tributary of the Chernaya River, 44°30'20"N, 33°48'50"E, muddy dam bank, near water level, alt. 270 m, 13.09.2003, *Seregin T-516 & Privalova* (MW).

M. spicata: Sevastopol, Delegartova Balka valley, stony steppe slope, 18.08.1995, *Nikiforova & Belov* (MW); *ibid.*, below Maximova Balka valley mouth, 44°34'00"N, 33°32'10"E, watercourse bank, 19.08.2004, *Seregin T-768 & Privalova* (MW).

SCROPHULARIACEAE

Verbascum ovalifolium: Sevastopol, Chersonesos, 20.07.1852, *Chugayevich* (LE); hilly stony plain near Omega beach to W from Sevastopol (behind Chersonesos), 26.06.1981, *Tzvelev* 132 (LE).

Cymbalaria muralis: Sevastopol, Maximova Dacha architectural and landscape reserve, pond bank, 18.08.1994, *Nikiforova & Belov* (MW).

Kickxia spuria: Inkerman, 08.1895, *Alexeenko* (LE); Sevastopol – Balaklava road, 3.07.1896, *Fedoseev* (LE).

Veronica anagallis-aquatica: Fiolent Cape near St. George monastery, 1895, *Alexeenko* (LE); Baydarskaya valley, near Fuski-Chokrak spring (the Chernaya River = vidi), 24.05.1906, *Kryshstofovich* (LE).

V. anagalloides: Baydarskaya valley, wet place near Fuski-Chokrak spring, 4.06.1906, *Kryshstofovich* (LE).

V. catenata: Balaklava, 20.06.1893, *O. & B. Fedtschenko* (LE).

V. beccabunga: Baydarskaya valley, vicinity of Orlinoe, near stream, 14.05.1984, *Tzvelev & al.* 327 (LE).

V. persica: Baydarskaya valley, between Shirokoye and Peredovoye, the Chernaya River canyon, open stony slope, 22.05.1986, *Belyanina & al.* (MHA); Inkerman, ruins of the citadel near the Chernaya River mouth, cracks in wall stones, 13.04.2001, *Seregin T-13 & Privalova* (MW).

V. spicata subsp. *maotica*: Laspi, chayir [hay meadow], 14.05.1906, *Kryshstofovich* (LE).

V. spicata subsp. *viscosula*: Near Baydarskiye Vorota pass, forest, 1.07.1876, *Litviniov* (LE); Skelya, 30.07.1893, *O. & B. Fedtschenko* (LE); Baydarskiye Vorota pass, western yayla, 5.06.1897, *Grigoryev* 70 (LE); Baydarskaya valley, chayirs [hay meadows] – forest margins, 21.05.1906, *Kryshstofovich* (LE); On highway near Baydarskiye Vorota pass, forest margin, 21.06.1912, *Ganeshin* 663 (LE); Baydarskaya yayla near Bizyuk locality, *Pirus elaeagrifolia* Pall. grove, 16.07.1949, *Juzepczuk* 1926 (LE).

V. taurica subsp. *bordzilowskii*: Ascent to Baydarskaya yayla from Baydary, 4.06.1949, *Juzepczuk & Kuprianova* 1547 (LE); Baydarskaya yayla, near Bizyuk locality, glade, near footpass, 5.06.1949, *Juzepczuk* 1572 & 1573 (LE).

V. taurica subsp. *taurica*: Belbek, 7.05 s.a., *anonymous* (LE); Kamyshevaya Bay, 16.05.1984, *Tzvelev & al.* 579 (LE).

V. triloba: In collibus prope Stat. Belbek; ad margines agrorum, 7(20).04.1900, *Puring* (LE – p. p.).

V. verna: Ridge between Aya Cape and Rezervnoye in 18–20 km to SE from Sevastopol, stony slope, 15.05.1984, *Tzvelev & al.* 349 (LE).

V. vindobonensis: Belbek village, 14.05.1898, [*Golde*] (LE); Ascent from Uzundzha to Yayla, forest, 29.04.1906, *Kryshstofovich* (LE – p. p.).

OROBANCHACEAE

Orobanche cernua: 10 km to E from Baydarskiye Vorota pass, rocky mountainous slope, 20.08.1955, *Tyuremnov* (MW).

O. hederiae: 3,5 km to WSW from Peredovoye, bottom of the Chernaya River canyon on exit from Baydarskaya valley, left bank of the river, 44°30'00"N, 33°46'50"E, *Carpinus orientalis* forest with *Hedera helix* in lower part of canyon slope, under moss-covered limestone boulder, alt. 250 m, 13.09.2003, *Seregin T-550 & Privalova* (MW).

Lathraea squamaria: Goncharnoye – 25 km to E from Sevastopol, *Quercus* forest, on *Corylus avellana* roots, alt. 250 m, 21.04.1962, *P. Smirnov* (MW); 1 km to E from Rodnoye, stream valley open to W (right tributary of the Chernaya River), 44°35'15"N, 33°45'50"E, *Fagus* forest on bottom along stream bed, on *Corylus avellana* roots, alt. 280 m, 7.04.2003, *Seregin T-397* (MW); Baydarskaya valley, 2 km to N from Orlinoye, 44°28'00"N, 33°45'40"E, broad-leaved forest along stream, on *Carpinus betulus* roots, alt. 270 m, 16.04.2007, *Seregin T-1019* (MW).

PLANTAGINACEAE

Plantago lanceolata subsp. *lanceolata*: Near Chersonesos, s.d., *anonymous* (MW); Sevastopol, SE outskirts, detour highway margin near Sevastopol – Yalta highway junction, 10.09.2002, *Seregin T-268 & Privalova* (MW).

RUBIACEAE

Cruciata pedemontana: K[uchuk] Muscomiya, 20.05.1843, *Ilyin* (MW); Ridge between Aya Cape and Rezervnoye in 18–20 km to SE from Sevastopol, 15.05.1984, *Tzvelev & al.* (LE).

Galium juzepczukii: Ay-Petrinskaya Yayla near Chertova Lestnitsa pass, 14.08.1987, *Ogureyeva* (MW).

CAPRIFOLIACEAE

Sambucus nigra: Sevastopol, Maximova Dacha architectural and landscape reserve, forest margin along road, 18.08.1994, *Nikiforova & Belov* (MW).

Lonicera caprifolium: Between Foros Cape and Laspi, coastal *Juniperus-Pinus* forest, 23.05.1963, *Denisova & Knorina* (MW).

VALERIANACEAE

Valerianella carinata: Eski-Kermen cave town, S open stony slope, 22.04.1988, *Shatko & Belyanina* (MHA).

COMPOSITAE

Grindelia squarrosa: Vicinity of Inkerman–II station, railway to Balaklava, 44°34'30"N, 33°36'40"E, permanent way edge, alt. 10 m, 18.08.2004, *Seregin T-711* (MW); Sevastopol, Northern side, Uchkuyevka, 44°39'20"N, 33°32'20"E, loamy disturbed coastal plot, alt.

0–5 m, 22.08.2004, *Seregin T-832* (MW); Baydarskaya valley, W outskirts of Orlinoe, 44°26'50"N, 33°46'10"E, Tylovoye road margin, alt. 250 m, 6.08.2006, *Seregin T-1010* & *Privalova* (MW).

Galatella linosyris: Batiliman, 28.04.1981, *Golubev* (YALT); *ibid.*, 8.07.1982, *Golubev* (YALT); Baydarskaya valley, dry slope, 14.09.1983, *Rusina* (YALT); Near Belokamensk, chalky outcrops, 21.09.1984, *Nikiforova & Belov* (MW); Sevastopol, Streletskaya Balka valley, steppe slope, 13.09.1989, *Nikiforova & Belov* (MW); Ayazma locality, S slope, 14.07.1987, *Golubev & Golubeva* (YALT); *ibid.*, terrace, SW slope, loess with siderite, alt. 15–25 m, 14.07.1987, *Golubev & Golubeva* (YALT); Sevastopol, W outskirts, 3,5 km to SE from Chersonesos Cape, edge of seashore escarp, thinned out *Artemisia* petrophyte steppe on limestone, 12.09.2002, *Seregin T-278* (MW).

Cyclachaena xanthiifolia: Vicinity of Goncharnoye, as a weed on beetroot field margin, 15.07.1971, *Kozhevnikova* (YALT); Orlinoe forestry, N side of Baydarskiye Vorota pass, 44°24'20"N, 33°46'50"E, highway margin, alt. 490 m, 20.08.2004, *Seregin T-786* (MW).

Ambrosia artemisiifolia: 1 km to SW from Khadzhi-Sala, highway margin, 9.09.2001, *Seregin T-123* & *Privalova* (MW); Sevastopol, W outskirts, 4 km to SE from Chersonesos Cape, highway margin, 12.09.2002, *Seregin T-270* (MW); *ibid.*, 1 km to E from Chersonesos Cape, former military airfield, among concrete flagstone of runway, 12.09.2002, *Seregin T-294* (MW); right bank of the Chernaya River, below bridge of Sevastopol detour highway, 44°35'20"N, 33°37'00"E, field margin on flood plain, alt. 0–5 m, 4.08.2006, *Seregin T-916* & *Privalova* (MW).

Xanthium pensylvanicum: Sevastopol, 3 km to S from railway station, waste land along ground road, limestone, 6.09.2002, *Seregin T-211* (MW).

Bidens frondosa: The Chernaya River in 2,5 km above it's mouth, under bridge of Sevastopol detour highway, 44°35'20"N, 33°37'00"E, swampy bank, alt. 0–5 m, 18.08.2004, *Seregin T-732* (MW).

B. tripartita: The Belbek River above Duvankoy, pebble near railway bridge, 11.08.1927, *Deutsch* (YALT); Orlinoe × Batiliman, 7.09.1965, *Kozhevnikova* (YALT); Baydarskaya valley, 1 km to W from Peredovoye, SE corner of the lesser reservoir on right tributary of the Chernaya River, 44°30'20"N, 33°48'50"E, disturbed by grazing muddy bank and shoal-water, alt. 270 m, 13.09.2003, *Seregin T-507* & *Privalova* (MW).

Galinsoga parviflora: Vicinity of Orlinoe, as a weed on cabbage field, 15.07.1971, *Kozhevnikova* (YALT).

Achillea pannonica: Sevastopol, Streletskaya Balka valley, stony slope, 5.08.1994, *Nikiforova & Belov* (MW).

Senecio cineraria: Batiliman, mountainous slope, 14.10.1937, *Tyuremnov* (MW).

Arctium nemorosum: To N from Shirokoye, the Chernaya River valley, 29.06.1978, *Kosykh & Usacheva* (YALT).

Carduus cinereus: Sevastopol, permanent way near station (siding-tracks), 17.04.2001, *Seregin T-85* (MW).

C. crispus: Vicinity of Inkerman–II station, left side of the Chernaya River valley, 44°34'50"N, 33°36'50"E, bank of drainage ditch, alt. 0–5 m, 18.08.2004, *Seregin T-718* (MW).

C. seminudus (?): Kazach'ya Bay, steppe plot, 9.06.1981, *Kosykh* (YALT).

Picris echioides: *Quercus-Carpinus orientalis* forest above Ponizovka, 11.08.1987, *Ogureyeva* (MW).

Results

As a result, flora of vascular plants of the Sevastopol area contains 1385 species confirmed by specimens. *Compositae* (149 species), *Leguminosae* (128), *Gramineae* (121), *Labiatae* (76) and *Umbelliferae* (70) are the largest families, while *Euphorbia* (25 species), *Carex* (22), *Veronica* (22), *Vicia* (22) and *Trifolium* s.l. (16) are the largest genera in the area. Some alien species which are rapidly spreading throughout the Crimea nowadays are still unknown in the Sevastopol area. 16 species of the Mediterranean origin are known in Eastern Europe only from vicinities of Sevastopol (*Gaudinia fragilis*, *Hordeum secalinum*, *Sedum sediforme*, *Trigonella smyrnea*, *Melilotus indicus*, *Trifolium echinatum*, *Hippocrepis comosa*, *Lens orientalis*, *Lagoecia cuminoides*, *Verbascum undulatum*, *Plantago coronopus*, *Valerianella brachystephana*, *Leontodon saxatilis*, *Geropogon hybridus*, *Tragopogon elatior*, *Taraxacum pseudomurbeckianum*). This underlines the unique features of SW Crimean flora. Further researches will undoubtedly increase the number of species to 1600+ species.

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References

- Bobrov, A. E. 1974: *Polypodiophyta*. – Pp. 68–99 in Fedorov, A. A. (ed.), *Flora partis europaeae URSS*, **1**. – Leningrad.
- Bobrov, E. G. 1987: *Trifolium*. – Pp. 195–208 in Fedorov, A. A. (ed.), *Flora partis europaeae URSS*, **6**. – Leningrad.
- Byalt, V. V. 2001: *Crassulaceae*. – Pp. 250–285 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **10**. – Petropoli.
- 2004: *Cactaceae*. – Pp. 117–123 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **11**. – Moscuca, Petropoli.
- & Orlova, L. 2003: *Egeria densa* Planch. (*Hydrocharitaceae*) species adventiva pro flora Ucrainae nova. – *Novosti Sist. Vyssh. Rast.* **35**: 211–214.
- Cosson, M. E. 1856: Catalogue des plantes recueillies sur le plateau de Chersonèse pendant le siège de Sébastopole par M. le Dr. Saint-Supéry et déterminées par M. E. Cosson. – *Bull. Soc. Bot. France* **3**: 22–26.
- Derviz-Sokolova, T. G. 1978: *Stachys*. – Pp. 168–173 in Fedorov, A. A. (ed.), *Flora partis europaeae URSS*, **3**. – Leningrad.

- Drescher, A., Prots, B. & Yena, A. V. 2007: Notes on Crimean flora (botanical excursion on the Crimean peninsula, 2004). – *Fritschiana* **55**: 9–70.
- Dubovik, O. M. 1981: *Geropogon* L. – a new genus in flora of the Ukraine. – *Ukrayins'k. Bot. Zhurn.* **38(3)**: 70–71.
- Dumont d'Urville, J. S. 1822: Enumeratio plantarum quas in insulas Archipelagi aut litoribus Ponti Euxini annis 1819 et 1820 collegit atque detexit. – Paris.
- Dzevanovsky, S. A. 1929: Spisok vidov rasteniy rayona Mangup-Kale – Kokkozy. – *Zap. Krymsk. Obsc. Estestvoisp.* **11**: 104–138.
- Egorova, T. V. 1976: *Cyperaceae*. – Pp. 83–219 in Fedorov, A. A. (ed.), *Flora partis europaeae URSS*, **2**. – Leningrad.
- 1999: The sedges (*Carex* L.) of Russia and adjacent states (within the limits of the former USSR). – St.-Petersburg, St. Louis.
- Fedorov, A. A. (ed.) 1974: *Flora partis europaeae URSS*, **1**. – Leningrad.
- 1976: *Flora partis europaeae URSS*, **2**. – Leningrad.
- 1978: *Flora partis europaeae URSS*, **3**. – Leningrad.
- 1979: *Flora partis europaeae URSS*, **4**. – Leningrad.
- 1981: *Flora partis europaeae URSS*, **5**. – Leningrad.
- 1987: *Flora partis europaeae URSS*, **6**. – Leningrad.
- [Tzvelev, N. N. (ed.) 1989: *Flora partis europaeae URSS*, **8**. – Leningrad.
- 1994: *Flora partis europaeae URSS*, **7**. – Petropoli.
- 1996: *Flora Europae Orientalis*, **9**. – Petropoli.
- 2001: *Flora Europae Orientalis*, **10**. – Petropoli.
- 2004: *Flora Europae Orientalis*, **11**. – Moscua, Petropoli.
- Fedtschenko, O. & Fedtschenko, B. 1899: Matériaux pour la flore de la Crimée. – *Bull. Herb. Boissier* **7(11)**: 799–816.
- 1901: Matériaux pour la flore de la Crimée. – *Bull. Herb. Boissier. Ser. 2* **1(4)**: 367–394.
- 1902: Matériaux pour la flore de la Crimée. – *Bull. Herb. Boissier. Ser. 2* **2(1)**: 1–23; **2(9)**: 783–800.
- 1904: Matériaux pour la flore de la Crimée. – *Bull. Herb. Boissier. Ser. 2*, **4(4)**: 373–388; **4(6)**: 564–579; **4(12)**: 1181–1196.
- Geltman, D. 2000: Genus *Euphorbia* L. (*Euphorbiaceae*) in flora Tauriae, Caucasi et Asiae Minoris. I. Sectio *Peplus* Lázaro. – *Novosti Sist. Vyssh. Rast.*, **32**: 96–108.
- 2002: Genus *Euphorbia* L. (*Euphorbiaceae*) in flora Tauriae, Caucasi et Asiae Minoris. II. Sectio *Esula* Dumort. – *Novosti Sist. Vyssh. Rast.*, **34**: 102–124.
- Gladkova, V. N. 1978: *Sideritis*. – Pp. 143–144 in Fedorov, A. A. (ed.), *Flora partis europaeae URSS*, **3**. – Leningrad.
- Golubev, V. N. 1984: Biologicheskaya flora Kryma. – Yalta. [Manuscript deposited in VINITI, 30.04.1984, # 5770].
- Ikonnikov, S. S. 2004: *Pleconax*. – Pp. 256–257 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **11**. – Moscua, Petropoli.
- Kirschner, J. & Štěpánek, J. 1998: A monograph of *Taraxacum* sect. *Palustria*. – Průhonice.
- Krupkina, L. I. 1994: *Bombycilaena*. – Pp. 105–106 in Tzvelev, N. N. (ed.), *Flora partis europaeae URSS*, **7**. – Petropoli.
- Kryshstofovich, A. 1908: Ocherk rastitelnosti Laspi i Baydarskoy doliny. – *Sborn. Studencheskogo Biol. Kruzhka Novorossiysk. Univ.*, **3**: 1–115.
- Kuzmina, M. L. 2004: *Dianthus*. – Pp. 273–297 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **11**. – Moscua, Petropoli.
- Lespinasse, J. M. G. 1880: Florula Sebastopolitana seu enumeratio plantarum anno 1855 circa Sebastopolim et Balaclavam a claris doct. Jul. Jeannel collectarum simul cum animadversionibus adnotatiobusque criticis. – Burdigalae. [checked against 2nd ed. (1881)]

- Léveillé, J. H. 1842: Observations médicales et énumération des plantes recueillies en Tauride. – Pp. 33–232 in: Voyage dans la Russie méridionale et la Crimée par la Hongrie, la Valachie et la Moldavie, exécuté en 1837, sous la direction de M. Anatolle de Demidoff, **2**. – Paris.
- Maslova, I. I. 1992: The record of *Cenchrus pauciflorus* (*Poaceae*) in Crimea. – Bot. Zhurn. **77(7)**: 118–119.
- Pallas, P. 1795 [1797]: Catalogue des espèces des végétaux spontanés observés en Tauride. – Nova Acta Acad. Sci. Imp. Petrop. Hist. Acad. **10**: 303–320.
- Pallas, P. 1803: Bemerkungen auf einer Reise in die südlichen Statthalterschaften des Russischen Reich's in den Jahren 1793 und 1794. Zweite Auflage. – Leipzig.
- Paczoski, I. K. 1890: K flore Kryma. – Zap. Novorossijsk. Obsc. Estestvoisp. **15(1)**: 57–87.
- Privalova, L. A. & Prokudin, G. N. 1959: Addenda & corrigenda ad vol. 1 “Florae tauricae”. – Trudy Gosud. Nikitsk. Bot. Sada, **31**.
- Romo, A., Didukh, Ya. & Boratyński, A. 2004: *Thesium* (*Santalaceae*) in Crimea, Ukraine. – Ann. Bot. Fennici **41**: 273–281.
- Rubtzov, N. I. (ed.) 1972: Opredelitel' vysshikh rasteniy Kryma. – Leningrad.
- Sennikov, A. N. 1993: Species of the section *Hirtella* of the genus *Hypericum* (*Hypericaceae*) in the countries of the CIS and Georgia. – Bot. Zhurn. **78(11)**: 73–78.
- Seregin, A. P. 2004: New and rare species of the genus *Allium* L. (*Alliaceae*) for the Crimean flora and some notes on taxonomy of the genus. – Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. **109(5)**: 43–47.
- 2005: Notula de specie *Leontodon saxatilis* Lam. (*Compositae*). – Novosti Sist. Vyssh. Rast. **37**: 191–192.
- 2006: New records for the Crimean flora. – Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. **111(6)**: 79–80.
- 2007: A new subspecies of *Allium decipiens* (sect. *Melanocrommyum*, *Alliaceae*) from the Crimean and NW Caucasus Mts. – Phytol. Balcan. **13(2)**: 193–204.
- 2008 (in press): *Parentucellia* Viv. (*Scrophulariaceae*), a new genus for Eastern Europe, and notes on floristic peculiarity of the Sevastopol area (the Crimea). – Bot. Zhurn. **93**.
- Skvortsov, A. K. 1996: *Onagraceae*. – Pp. 299–316 in Tzvelev, N. N. (ed.), Flora Europae Orientalis, **9**. – Petropoli.
- Smirnov [Smirnow], P. A. 1965: De plantis tauricis animadversiones criticae. – Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. **70(3)**: 95–101.
- 1974: *Gaudinia fragilis* (L.) Beauv. in the Crimea. – Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. **79(1)**: 158–159.
- Stankov, S. S. 1926: Yuzhnyy bereg Kryma: botanicheskiye ekskursii. – Nizhniy Novgorod.
- Tzvelev [Tzveliov], N. N. 1968: *Monerma*, a forgotten genus of *Gramineae* in the flora of the U. S. S. R. – Bot. Zhurn. **53(1)**: 95–97.
- 1976: Poaceae URSS. – Leninopoli.
- 1983a: A new genus and four new for the USSR flora species of flowering plants from the Crimea. – Bot. Zhurn. **68(2)**: 240–244.
- 1983b: De plantis raris et adventivis nonnullis in parte europaea URSS crescentibus, 4. – Novosti Sist. Vyssh. Rast. **20**: 225–238.
- 1985: *Tragopogon* L. (*Asteraceae*) in parte europaea URSS. – Novosti Sist. Vyssh. Rast. **22**: 238–250.
- 1986: De plantarum speciebus nonnullis pro parte europaea URSS novis et raris. – Novosti Sist. Vyssh. Rast. **23**: 254–263.
- 1989: *Tragopogon*. – Pp. 46–56 in Tzvelev, N. N. (ed.), Flora partis europaeae URSS, **8**. – Leningrad.
- 1993: Notae de speciebus nonnullis Europae Orientalis. – Novosti Sist. Vyssh. Rast., **29**: 134–142.

- 1996a: *Cistaceae*. – Pp. 206–216 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **9**. – Petropoli.
- 1996b: *Limoniaceae*. – Pp. 158–162 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **9**. – Petropoli.
- 2001: *Ceratocephala*. – Pp. 160–162 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **10**. – Petropoli.
- 2004a: *Oleaceae*. – Pp. 451–478 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **11**. – Moscu, Petropoli.
- 2004b: *Pimpinella*. – Pp. 357–362 in Tzvelev, N. N. (ed.), *Flora Europae Orientalis*, **11**. – Moscu, Petropoli.
- 2006: *Conspectus brevis Poacearum Europae Orientalis: initium systematis (tribus Bambuseae – Bromeae)*. – *Novosti Sist. Vyssh. Rast.*, **38**: 66–113.
- 2007: De genere *Epilobium* L. (*Onagraceae*) in Europa Orientali. – *Novosti Sist. Vyssh. Rast.*, **39**: 241–259.
- Vakhtina, L. I. & Kudryashova, G. L. 1982: Karyosystematic investigation of the two Crimean species of the genus *Allium* (*Alliaceae*). – *Bot. Zhurn.*, **67**: 1126–1130.
- Vassilczenko, I. T. 1987: *Trigonella*. – Pp. 182–186 in Fedorov, A. A. (ed.), *Flora partis europaeae URSS*, **6**. – Leningrad.
- Wulff, E. W. 1927: *Flora Taurica*, **1(1)**. – Leningrad [Yalta].
- 1928: *Flora der Krim. Conspectus florum tauricae*. – *Repert. Spec. Nov. Regni Veg.*, **25**: 49–86.
- 1929: *Flora Taurica*, **1(2)**. – Leningrad.
- 1930: *Flora Taurica*, **1(3)**. – Leningrad.
- 1947: *Flora Taurica*, **2(1)**. – Moskva–Leningrad.
- 1951: *Flora Taurica*, **1(4)**. – Moskva.
- 1953: *Flora Taurica*, **2(3)**. – Moskva.
- 1957: *Flora Taurica*, **3(1)**. – Moskva.
- 1960: *Flora Taurica*, **2(2)**. – Moskva.
- 1966: *Flora Taurica*, **3(2)**. – Moskva.
- 1969: *Flora Taurica*, **3(3)**. – Jalta.
- Yena, A. V. 2007: Floristic endemism in the Crimea. – *Fritschiana* **55**: 1–8.
- Yena, A. & Filipova M. 1999: *Calystegia soldanella* (Linnaeus) R. Brown, 1810. – Pp. 29–31 in Dumont, H. J., Mamaev, V. O. & Zaitsev, Ju. P. (eds), *Black Sea Red Data Book*. – NY.
- Zelenetzky, N. 1906: *Prodromus florum Tauriae*. – Odessa.
- Zernov, A. S. 2006: *Flora Severo-Zapadnogo Kavkaza*. – Moskva.

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