

A. P. Seregin, P. E. Yevseyenkov, S. A. Svirin & E. S. Kashirina

The third contribution to the vascular flora of the Sevastopol area (the Crimea)

Abstract

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This paper summarises data on the flora of Sevastopol area (Crimean Peninsula) accumulated between 2015 and 2026. The paper presents records of 104 new plant species identified within the area, including three confirmations of historical records from literature. Of these, 69 species are classified as native, while 35 are alien plants at various stages of naturalisation. Within this list, four species were reported for the first time in Eastern Europe when discovered (*Gelasia villosa*, *Lomelosia brachiata*, *L. divaricata*, and *Aegilops peregrina*), and a further nine species were new records for the Crimean Peninsula (*Buglossoides incrassata*, *Iris halophila*, *Ludwigia brevipes*, *Chloris virgata*, *Polypogon maritimus*, *Potamogeton sarmaticus*, *Ranunculus circinatus*, *Sicyos angulatus*, and *Thinopyrum acutum*). Consequently, the flora of the Sevastopol area now comprises 1,745 species of vascular plants (excluding literature records not supported by herbarium specimens or recent photographic evidence).

Key words: floristics, new records, biogeography, vascular flora, Crimean Peninsula.

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Introduction

The Sevastopol area, the first-level administrative unit known as the City of Sevastopol, occupies the south-western tip of the Crimean Peninsula. It encompasses: (1) the westernmost part of the Main Ridge of the Crimean Mountains (the Baydarskaya Yayla and its slopes); (2) the Southern Coast of the Crimea, west of the Tesseli locality (situated between Cape Foros and Cape Sarych); (3) the Baydarskaya Valley; and (4) the western foothills of the Crimean Mountains (namely the Heracles Peninsula, the Outer Cuesta ridge from the Karan hills to the Inkerman hills, and the Mackenzie Mountains as part of the Inner Cuesta ridge).

The Sevastopol area encompasses a vast diversity of natural conditions, with altitudes ranging from sea level to 1,012 m a.s.l. (Mount Tez-Bair on the western edge of the Ay-

Petri Yayla). The region features a 130-km coastline with varied maritime environments, the stony steppes of the Heracles Peninsula, and a range of anthropogenic habitats, including newly constructed reservoirs.

In the mountainous sector, the vegetation is dominated by the Mediterranean forests and forest-steppe communities as part of the diverse Crimean Submediterranean forest complex ecoregion (Fady & al. 2025). These are represented by open woodlands of *Juniperus excelsa* M. Bieb. and *Pistacia atlantica* Desf., as well as diverse forest formations including pine (*Pinus nigra* subsp. *pallasiana* (Lamb.) Holmboe, *P. brutia* var. *pityusa* (Gordon & Glend.) Silba ex Farjon), oak (*Quercus pubescens* Willd., *Q. petraea* (Matt.) Liebl.), beech (*Fagus × taurica* Popl.), and hornbeam (*Carpinus orientalis* Mill., *C. betulus* L.). The vegetation of the Sevastopol region has been significantly transformed by human activity, leading to the widespread occurrence of *shiblyak* (open xeric woodlands), shrubby meadow-herbage steppes, and petrophytic phryganoid communities. The plateau areas (yaylas) host mountain meadow sedge (*Carex*) communities and secondary grasslands (*Festuca rupicola* Heuff., *Bromus sclerophyllus* Boiss., alongside feather-grass steppes (*Stipa tirsia* Steven, *S. pontica* P.A. Smirn., etc.).

This territory lies at the junction of two subkingdoms according to the floristic regionalisation scheme of Takhtajan (1978): the Boreal (represented by the Circumboreal Region) and the Ancient Mediterranean (represented by the Mediterranean Region).

The first comprehensive revision of the vascular flora of the Sevastopol area (Seregin 2008) included 1,385 species confirmed by herbarium specimens, 72 species recorded in the literature but lacking specimen confirmation, and 60 species collected in adjacent localities outside the study area. In that study, 194 taxa were reported for the first time for the Sevastopol area.

The second contribution to the vascular flora of the Sevastopol area reported 323 new vascular plant species for this administrative unit (Seregin & al. 2015): records of 204 species were confirmed by herbarium specimens, 60 species had been recently reported in the literature, and 59 species were either photographed or recorded by the authors in the field between 2008 and 2014. Seventeen species and nothospecies were new records for the Crimean Peninsula. With 1,859 species, the Sevastopol area was reported as one of the most floristically diverse regions in Eastern Europe. Nevertheless, many species remained known to us solely through records in the literature.

Material and methods

The present study constitutes the third contribution of the regional flora. Herein, we report 88 species – both previously unrecorded for the Sevastopol area and recently confirmed dubious indications from historical literature (*Atriplex hortensis* L., *Ajuga salicifolia* (L.) Schreb., *Malva nicaeensis* All.). The majority of these records were made between 2015 and 2025. The most noteworthy records were already published, but we are citing them here for consistency of our contributions – they are marked with a black circle (•). In this paper, we utilise newly collected field data supplemented by records from the Plantarium (<https://www.plantarium.ru/>) and iNaturalist (<https://www.inaturalist.org>) portals, as well as specimens available via the Moscow Digital Herbarium (Seregin 2026).

The nomenclature follows “Plants of the World Online” (POWO 2026), with the exceptions of *Taraxacum pobedimovae* Schischk. (Asteraceae) and *Quercus calcarea* Troitsky (*Fagaceae*).

For alien species, we employ the classifications adopted in previous works (Seregin 2008; Seregin & al. 2015):

AN – alien, naturalised;

?AN – probably alien, naturalised;

AN? – alien, probably naturalised;

A – alien, casual;

CN – cultivated, naturalised;

?CN – probably cultivated, naturalised;

CN? – cultivated, probably naturalised;

C – cultivated, casual.

Other explanations:

- species already reported in literature from the Sevastopol area (either in terms of specimens or field notes);

MW0599583 – a stable ID of the specimen with a scan on Moscow Digital Herbarium website (could be accessed via the following standard link: <https://plant.depo.msu.ru/open/public/item/MW0599583>);

iNaturalist: 153377353 – a stable ID of the observation with a photo on iNaturalist website (could be accessed via the following standard link: <https://www.inaturalist.org/observations/153377353>);

Plantarium: 699136 – a stable ID of the observation with a photo on Plantarium website (could be accessed via the following standard link: <http://www.plantarium.ru/page/image/id/699136.html>);

Checklist of new records

Amaranthaceae

- *Atriplex hortensis* L. CN? – 44°32'45.0"N, 33°31'39.5"E, 5th km of Balaklava Highway, roadside, wasteland in a residential area, near a railway, ruderal community, 18.07.2022, Svirin (iNaturalist: 153377353). – A confirmation. The species was recorded for the region (Seregin 2008) based on 19th-century literature data.

Amaryllidaceae

Allium cepa L. C – 44°36'19.8"N, 33°36'04.2"E, Inkerman, roadside of the Sevastopol–Simferopol highway, several plants in thickets of *Clematis vitalba* L. and *Rubus* sp., 09.06.2024, Yevseyenkov (Plantarium: 806834).

Allium paniculatum L. s. l. – 44°28'11.53"N, 33°39'18.50"E, Vicinity of Rezervnoye, N slope of Biller Range, petrophytic steppe, 26.07.2026, Yevseyenkov (Plantarium: 882387); 44°36'9.95"N, 33°36'43.41"E, Inkerman, Monastyrskaya Rock, 05.08.2026, Yevseyenkov (Plantarium: 882901)

Apiaceae

Astrodaucus littoralis (M. Bieb.) Drude – 44°44'31.4"N, 33°32'31.3"E, Landslide coast between Orlovka and Osipenko, clay cliffs above the sea, 23.05.2020 *Svirin* (*iNaturalist*: 47052890); 44°44'34.8"N, 33°32'31.3"E, [*ibidem*], vicinity of Osipenko, cliffs to the sea, mixed grass community with *Rapistrum rugosum* (L.) All. and *Atriplex aucheri* Moq., 23.05.2020, *Svirin* (MW0599583); 44°39'50.2"N, 33°32'43.9"E, Lyubimovka, sandy sea-coast, psammophytic community with *Thinopyrum obtusiflorum* (DC.) Banfi, 20.06.2021, *Yevseyenkov* (*Plantarium*: 699136); 44°39'51.2"N, 33°32'44.1"E, [*ibidem*], 12.08.2021, *Svirin* (*iNaturalist*: 108127584).

• *Daucus guttatus* Sm. – 44°31'04.8"N, 33°28'22.4"E, Cape Violent area, maritime limestone slope, among *Bassia prostrata* (L.) Beck, 15.07.2023, *Yevseyenkov* (*Plantarium*: 775683); 44°32'21.3"N, 33°41'22.0"E, SE outskirts of Chernorechye, verge of a dirt road, 26.06.2024, *Svirin* (*iNaturalist*: 270160671); 44°31'58"N, 33°36'58"E, Balaklava, elev. 95 m a.s.l., dry grassland, 04.07.2018, *Ryff* (YALT); 44°43'09.3"N, 33°34'45.2"E, Orlovka, 23.07.2018, *Ryff* (YALT); S of Orlovka, elev. 60 m a.s.l., dry grassland, 20.06.2020, *Safina* (*iNaturalist*: 50313175 as *D. carota* auct.); 44°32'35.6"N, 33°39'46.1"E, vicinity of Chernorechye, elev. 45 m a.s.l., dry grassland, 27.06.2020, *Svirin* (*iNaturalist*: 51320074 as *D. carota* auct.); 44°33'22.8"N, 33°33'42.5"E, N slope of Mount Sapun, E of Khomutova Balka valley, elev. 170 m a.s.l., disturbed dry grassland habitat on side of road, 19.07.2020, *Yevseyenkov* & *Ryff* (YALT); 44°35'32.0"N, 33°35'24.4"E, near Generala Zhidilova str., elev. 165 m a.s.l., dry grassland, 08.07.2021, *Karpenko* (*iNaturalist*: 86384911 as *D. carota* auct.). – A widespread weed species, previously confused with *Daucus carota* L. (*Ryff* 2023).

Oenanthe silaifolia M. Bieb. – 44°29'04.7"N, 33°47'31.7"E, Baydarskaya Valley, vicinity of Ozeroye, 05.06.2019, *Svirin* (MW0599542); [*ibidem*], 44°29'05.0"N, 33°47'31.2"E, moist meadow in a willow bed near a stream, in community with *Potentilla reptans* L., 06.06.2019, *Yevseyenkov* (*Plantarium*: 840127) & 20.05.2021, *Svirin* (*iNaturalist*: 107961550). – On the Crimean Peninsula, the species is known from only a few historical collections (Maleev & Stankov 1953). At present, the population in the Baydarskaya Valley is the only one known to exist in the Crimea.

Seseli lehmannii Degen – 44°27'32.6"N, 33°53'41.4"E, Ay-Petrinskaya Yayla near Mount Chuvash-Koy, petrophytic steppe, 23.07.2016, *Svirin* (*iNaturalist*: 40573452); 44°27'32.1"N, 33°53'44.1"E, [*ibidem*], 23.07.2016, *Svirin* (MW0632171); [*ibidem*], Mount Chuvash-Koy, a partially turf-covered rock face with petrophytic vegetation, 24.07.2020, *Yevseyenkov* (*Plantarium*: 665517). – It is an endemic of the high Crimean yaylas (above 1,000 m a.s.l.). In the Sevastopol area, the species reaches the limit of its distribution range. Only a single population, consisting of several dozen individuals, is currently known.

Apocynaceae

• *Nerium oleander* L. CN? – 44°23'47"N, 34°43'29"E, Laspi Bay coast, stony boulder scree ("chaos"), 05.07.2017, *Ryff* (YALT) (2021).

***Vinca minor* L. CN?** – 44°37'00.5"N, 33°37'41.0"E, Inkerman, open woodland, 27.04.2020, *Safina* ([iNaturalist: 43990729](#)); 44°32'03.4"N, 33°31'03.6"E, road from 5th km of Balaklava Highway to Cape Fiolent, in a *Pinus nigra* subsp. *pallasiana* shelterbelt, 25.04.2020, *Svirin* ([iNaturalist: 44274928](#)); 44°39'48.5"N, 33°32'56.4"E, Lyubimovka, left bank of the Belbek River, near the mouth, 17.04.2021, *Lyamin* ([iNaturalist: 74410260](#)); 44°25'22.1"N, 33°43'06.0"E, road from Laspi to Batiliman, roadside, 20.05.2022, *Bogdanovich* ([iNaturalist: 118213844](#)); 44°33'29.5"N, 33°32'54.0"E, Maksimova Dacha, meadow glades, 07.04.2023, *Svirin* ([iNaturalist: 200097468](#)).

***Vincetoxicum fuscatum* (Hornem.) Endl.** – 44°27'38.4"N, 33°39'37.8"E, Vicinity of Rezervnoye, Kum-Dere Ravine, conglomerate slope, glade in *Carpinus orientalis* open woodland, 31.05.2025, *Yevseyenkov* ([Plantarium: 840218](#)).

***Vincetoxicum rossicum* (Kleopow) Barbar.** – 44°29'56.5"N, 33°37'32.9"E, Balaklava, Vitmerova Balka valley, glade in *Quercus* and *Carpinus orientalis* open woodlands, 31.05.2015, *Yevseyenkov*, det. Bronskov ([Plantarium: 400530](#)).

Araceae

***Pistia stratiotes* L. A** – 44°39'28.6"N, 33°33'19.4"E, Lyubimovka, pond on the SE outskirts, 03.09.2020, *Svirin* ([MW0632906](#), [iNaturalist: 69666232](#)).

Asparagaceae

***Ornithogalum navaschinskii* Agapova** – 44°34'59.3"N, 33°27'45.3"E, Kolobova Street, flower bed with brought-in lawn soil, 20.04.2020, *Kashirina* ([iNaturalist: 42684931](#)); 24.04.2020 ([iNaturalist: 43139875](#)), 30.04.2020, *Yevseyenkov* ([Plantarium: 654670](#)); 44°43'08.2"N, 33°34'22.6"E, vicinity of Orlovka, *Quercus* open woodland ("dubki"), 02.05.2020, *Safina* ([iNaturalist: 44594709](#)); 44°43'19.4"N, 33°34'55.4"E, [*ibidem*], 13.05.2020, *Svirin* ([iNaturalist: 46362661](#)); 44°42'33.3"N, 33°32'56.7"E, 2.5 km south of the village of Orlovka, 800 m south of the Elm Grove, 02.05.2021, *Kudryavtseva* ([iNaturalist: 76641966](#)); 44°50'07.0"N, 33°33'04.9"E, Cape Lukull, disturbed wormwood-grass steppe, 07.05.2021, *Kashirina* ([iNaturalist: 102865710](#)).

Asteraceae

***Artemisia dracunculus* L. CN?** – 44°31'15.6"N, 33°32'44.2"E, Bermiana Balka valley, on overgrown soil heaps at the bottom of the ravine in a disturbed petrophytic steppe, 12.07.2017, *Yevseyenkov* ([Plantarium: 521150](#)) & *Svirin* ([MW0599301](#)).

***Centaurea stoebe* L. s. l. A** – 44°37'02.8"N, 33°40'06.8"E, roadside of the Tavrida Highway, lawn on the highway embankment, 10.12.2020, *Svirin*, det. Mayorov ([iNaturalist: 69856505](#)).

• ***Dittrichia viscosa* (L.) Greuter AN** – 44°23'38.6"N, 33°43'35.8"E, Laspi Bay coast, stony boulder scree (chaos), 27.05.2016, *Ryff* et al. (*Ryff* & al. 2025) & 21.10.2025, *Yevseyenkov* ([Plantarium: 854583](#)); 44°23'47"N, 33°43'29"E, between boarding house

“Palmida” and recreation centre “Izumrud-2”, elev. 3–5 m a.s.l., boulder-block beach, 05.07.2017, *Ryff* et al. (YALT) (*Ryff* & al. 2025).

• *Gelasia villosa* (Scop.) Cass. ?AN – 44°31'23.5"N, 33°32'56.3"E, Gornaya Height, disturbed petrophytic steppe on the hilltop, 31.05.2020, *Yevseyenkov*, det. *Ryff* (*Plantarium*: 746587) & *Svirin*, det. *Ryff* (YALT); 44°30'25.6"N, 33°31'43.5"E, Karan Plateau, vicinity of Karanskaya Balka valley, anthropogenically disturbed petrophytic steppe, elev. 260 m a.s.l., 21.06.2010, *Svirin* (*iNaturalist*: 332317387, YALT); 44°30'27.3"N, 33°31'34.4"E, Mramornaya Balka valley, wasteland, elev. 230 m a.s.l., 26.06.2020, *Svirin* (YALT) & *Ryff* et al. (*Ryff* & al. 2022b). – The discovery of this species in Sevastopol has a long history. Although it had been captured by photographers since 2010, definitive identification was only possible in 2020 following the discovery of a large population in the vicinity of Balaklava. It was located at Gornaya Height within xerophytic herbaceous vegetation, where the species acts as one of the dominants and forms a visual aspect during the flowering period. *G. villosa* occurs in natural and semi-natural habitats and may potentially be indigenous to the Crimea. However, the significant disjunction of its distribution range suggests that the species is more likely an introduction there (*Ryff* & al. 2023).

Matricaria discoidea DC. AN – Numerous records on roadsides mostly in Baydarskaya Valley, but also in the city and in Lyubimovka: 44°30'01.5"N, 33°51'03.9"E, Baydarskaya Valley, roadside, 25.05.2025, *Yevseyenkov* (*Plantarium*: 839666); 44°39'43.1"N, 33°33'01.3"E, Lyubimovka, on a road within a dacha settlement, 22.04.2020, *Svirin* (*iNaturalist*: 42962620); 44°26'32.3"N, 33°46'12.1"E, Baydarskaya Valley, western outskirts of Orlinoe, roadside, 14.06.2020, *Svirin* (*iNaturalist*: 49690494); 44°27'52.2"N, 33°51'00.2"E, Baydarskaya Valley, Rodnikovoye, roadside, 28.06.2020, *Kashirina* (*iNaturalist*: 51448539); 44°27'47.8"N, 33°52'03.4"E, road from Rodnikovoye to Kolkhoznoye, roadside, 17.07.2020, *Kashirina* (*iNaturalist*: 57913521); 44°36'29.9"N, 33°33'01.6"E, Geroev Sevastopolya Street, lawn, 30.4.2021, *Kashirina*, det. *Grigorenko* (*iNaturalist*: 77292517); 44°34'46.3"N, 33°45'13.2"E, Ternovka, roadside, 01.05.2022, *Kashirina* (*iNaturalist*: 116313042); 44°26'26.4"N, 33°43'44.7"E, Baydarskaya Valley, western outskirts of Tylovoye, dirt road shoulder, 11.06.2022, *Svirin* (*iNaturalist*: 124689190); 44°27'33.6"N, 33°50'31.8"E, Baydarskaya Valley, western outskirts of Rodnikovoye, dirt road, 12.06.2022, *Kashirina* (*iNaturalist*: 143420559); 44°30'02.3"N, 33°51'06.5"E, Baydarskaya Valley, Novobobrovskoye, dirt road shoulder within the settlement, 03.06.2023, *Svirin* (*iNaturalist*: 202595652); 44°30'02.1"N, 33°51'14.8"E, [*ibidem*], 03.06.2023, *Svirin* (*iNaturalist*: 202595234); 44°30'02.0"N, 33°51'06.6"E, [*ibidem*], 11.06.2023, *Kashirina* (*iNaturalist*: 197616052); 44°28'34.9"N, 33°53'01.0"E, Baydarskaya Valley, Kolkhoznoye, dirt road shoulder within the settlement, 03.06.2023, *Svirin* (*iNaturalist*: 202583345).

• *Sonchus palustris* L. – 44°28'41.2"N, 33°41'31.1"E, Varnutskaya Valley, vicinity of Rezervnoye, along Sukhoy Stream, on a glade in a floodplain forest, dry stream bed within a small patch of deciduous forest, 08.07.2018, *Yevseyenkov* (*Plantarium*: 575579) & 09.08.2019, *Svirin* (MW0599250, LE). – This is the second record for the

Crimea since 1894 (southern slope of Mount Chatyr-Dag, coll. F. Alekseenko) (Yevseyenkov & al. 2026).

Taraxacum pobedimovae Schischk. — 44°35'51.4"N, 33°25'29.0"E, Seacoast between Kamyshovaya Bay and Abramova Bay, petrophytic steppe, 12.11.2021, *Svirin* ([iNaturalist: 108237312](#)); 44°41'20.0"N, 33°41'36.0"E, Verkhnesadovoye, highway verge, 22.11.2018, *Fateryga* ([Plantarium: 592314](#)). — The species was described from Sevastopol in 1964 and later synonymized with *T. hybernum* Steven. Recent studies prove the taxonomic distinctness of the taxon (Fateryga & al. 2024).

Tripleurospermum inodorum (L.) Sch.Bip. — 44°40'38.7"N, 33°39'57.4"E, Vicinity of Dalneye, 21.06.2020, *Safina* ([iNaturalist: 50479840](#)); 44°26'09.3"N, 33°43'02.3"E, Vicinity of Tylovoye, 22.06.2020, *Safina* ([iNaturalist: 50594918](#)); 44°26'17.1"N, 33°43'07.8"E, 1 km west of Tylovoye, roadside, 11.06.2022, *Svirin* ([iNaturalist: 124703278](#)); 44°33'58.4"N, 33°28'05.0"E, Sevastopol, Kamyshovoye Highway, roadside lawn, on brought-in soil, 04.06.2024, *Yevseyenkov* ([Plantarium: 806350](#)).

Boraginaceae

• ***Buglossoides incrassata*** (Guss.) I.M. Johnst. — 44°26'20.3"N, 33°40'12.3"E, Balaklava Heights, Biller Ridge, *Juniperus* open woodland, 24.04.2010, *Turbanov*, det. Ryff ([Plantarium: 52917](#)), [*ibidem*], SW slope of Biller Ridge, elev. 600 m a.s.l., gravelly slope, 28.04.2012, *Svirin* (YALT as *B. tenuiflora* (auct.)); 44°39'15.3"N, 33°41'22.1"E, Mekenziyevy Heights, glade in *Quercus* and *Carpinus orientalis* forest, 02.04.2023, *Yevseyenkov*, det. Ryff ([Plantarium: 765414](#)) & Ryff (Ryff & al. 2024b). — *B. tenuiflora* was erroneously reported for the Crimea (Seregin 2008; Yena 2012) instead of *B. incrassata* (Ryff & al. 2024b).

Cynoglossum officinale L. — 44°25'30.1"N, 33°52'49.4"E, Balchik-Kaya, Balchik-Kuyu tract, broad-leaved forest, meadow among the broad-leaved forest, 28.06.2020, *Svirin* ([iNaturalist: 51446105](#)) & *Kashirina* ([iNaturalist: 51446153](#), [iNaturalist: 51446154](#)); 44°26'26.1"N, 33°43'52.7"E, Baydar Valley, on the side of the road among the weed vegetation, 11.06.2022, *Svirin* ([iNaturalist: 124689112](#)) & 03.06.2022 ([iNaturalist: 153015040](#)). — Seregin (2008) mentioned a record in the adjacent locality near Mount Mangup-Kale, Republic of the Crimea.

Myosotis stricta Link ex Roem. & Schult. — 44°29'44.4"N, 33°37'47.0"E, Vitmerova Balka, a juniper woodland on a steep conglomerate slope, 30.04.2021, *Svirin* ([iNaturalist: 77281655](#)); 44°41'22.6"N, 33°41'30.9"E, limestone slopes above the village of Verkhnesadovoye, 22.04.2022, *Svirin* ([iNaturalist: 152765363](#)).

Phacelia tanacetifolia Benth. CN — 44°34'25.3"N, 33°26'25.2"E, E coast of Kamyshovaya Bay, on a wasteland, 11.05.2013, *Svirin* ([iNaturalist: 332574574](#)); 44°38'49.2"N, 33°33'42.7"E, Vicinity of Bartenyevka, fallow field, 01.06.2015, *Kashirina*, det. Shner ([iNaturalist: 21106513](#)); 44°28'38.5"N, 33°41'01.8"E, Varnutskaya Valley, vicinity of Goncharnoye, fallow field, 04.06.2016, *Svirin* ([iNaturalist: 332574573](#));

44°35'35.4"N, 33°27'22.4"E, Gagarinsky District, Oktyabrskoy Revolyutsii Avenue, weed on a lawn, 21.05.2021, *Yevseyenkov* ([Plantarium: 695324](#)); 44°30'39.5"N, 33°38'27.8"E, vicinity of Balaklava, in a clearing, 21.05.2025, *Yevseyenkov* ([Plantarium: 839325](#)).

Brassicaceae

- *Alyssum smyrnaeum* C.A. Mey. – 44°27'56.6"N, 33°40'08.1"E, Vicinity of Rezervnoye, Kum-Dere ravine, foot of a conglomerate slope of Mount Kilse-Burun, on fine-rubby scree, 11.04.2017, *Svirin* ([Plantarium: 505492](#)) = [*ibidem*], southern slope of Kala-Fatlar Mt., 11.04.2017, *Svirin* ([MW0632620](#), YALT); [*ibidem*], Kum-Dere ravine above Rezervnoye, on conglomerates in the lower part of Mount Kilse-Burun, 04.04.2017, *Yevseyenkov* (KWAH) (Ilyinska & al. 2021); 44°31'25.8"N, 33°37'52.1"E, Balaklava, Canrobert's Hill, glades in *Quercus* and *Carpinus orientalis* open woodlands, 30.03.2024, *Yevseyenkov* ([Plantarium: 799497](#)). – The species was long overlooked in the region due to its similarity to the locally common *A. minutum* Schltdl. ex DC. It differs from the latter by its shortened inflorescence raceme, the shape of its petals, and specific details of its pubescence.

- *Cardamine occulta* Hornem. A – Since 2024, the species is being recorded on brought-in lawn soil in various districts of the city: 44°35'56.4"N, 33°29'32.7"E, Repina Street, Yuri Gagarin Park, lawn, elev. 37 m a.s.l., 23.03.2024, *Yevseyenkov*, det. Ryff ([Plantarium: 842068](#)) & 24.03.2024, 27.03.2024, *Yevseyenkov*, det. Ryff (YALT); 44°36'25.3"N, 33°29'32.1"E, New Khersones, lawn, 28.03.2025, *Yevseyenkov* ([Plantarium: 842075](#)); 44°36'53.4"N, 33°31'20.7"E, Primorsky Boulevard, lawn, 15.10.2025, *Yevseyenkov* ([Plantarium: 853842](#)) & Ryff, *Yevseyenkov* (Ryff & Yevseyenkov 2025).

Cardamine tenera S.G.Gmel. ex C.A.Mey. – 44°30'32"N, 33°48'54"E, Baydarskaya Valley, vicinity of Peredovoye, along Kobalar-Su stream, in a floodplain forest, 08.05.2026, *Yevseyenkov* ([Plantarium: 874251](#)).

Conringia orientalis (L.) C.Presl A –The vicinity is 5 km south of Sevastopol, 07.05.1976, Leg. *Karasyuk M.I.*, Det. V. Kosykh (YALT); 44°35'38.88"N, 33°27'15.88"E, an urban brought-in lawn soil, 03.05.2021, *Yevseyenkov* ([Plantarium: 693338](#)).

Crambe koktebelica (Junge) N. Busch – 44°44'31.4"N, 33°32'31.1"E, Vicinity of Orlovka, landslide coast, 23.05.2020, *Svirin* ([iNaturalist: 47052897](#)). – Only a single small population is known, situated on a steep landslide-prone slope and currently threatened with extinction.

Euclidium syriacum (L.) W.T. Aiton – 44°40'44.1"N, 33°41'29.4"E, Vicinity of Verkhnesadovoye, in fallow land, 17.05.2022, *Svirin* ([iNaturalist: 152896334](#)).

Sobolewsia sibirica (Willd.) P.W. Ball – 44°30'43.3"N, 33°45'57.6"E, the Chernaya River canyon, right bank, on steep rubby slopes, 25.04.2017, *Svirin* ([MW0632593](#)) & 27.05.2021, *Svirin* ([iNaturalist: 108011795](#), [iNaturalist: 108011789](#)).

Caprifoliaceae

Dipsacus strigosus Willd. – 44°25'30.8"N, 33°52'50.3"E, Balchik-Kaya, Balchik-Kuyu tract, broad-leaved forest, meadow among the broad-leaved forest, 28.06.2020, *Svirin* (*iNaturalist*: 51446104) & *Kashirina* (*iNaturalist*: 51446194).

• ***Lomelosia brachiata*** (Sm.) Greuter & Burdet (*Scabiosa brachiata* Sm.; *Tremastelma palaestinum* (L.) Janch. [non *Scabiosa palaestina* L. = *Lomelodia palaestina* (L.) Raf.]) – Several localities are known in the vicinity of Sevastopol and Balaklava on steppe slopes: 44°30'54.2"N, 33°33'20.1"E, Area of the 11th km of Balaklava Highway, petrophytic steppe, in association with *Aegilops* sp., 21.06.2013 & 02.06.2017, *Svirin* (*Plantarium*: 513914, *iNaturalist*: 332856984); [*ibidem*], near Flotskoye (Qaran), elev. 200 m a.s.l., rocky slope, 21.06.2013, *Svirin* (Ryff & Svirin 2022b), [*ibidem*], 44°30'54.2"N, 33°33'20.1"E, above the road to Flotskoye, elev. 185 m a.s.l., 02.07.2017, *Svirin* (MW0632717), [*ibidem*], 44°30'54"N, 33°33'20"E, surroundings of Flotskoye, Gornaya Height, elev. 200 m a.s.l., rocky steppe slope, 15.06.2017, Ryff & Svirin (YALT), (Ryff & Svirin 2022b); 44°32'25.3"N, 33°30'12.4"E, Vicinity of the 5th km of Balaklava Highway, disturbed petrophytic steppe, 21.05.2021, Yevseyenkov (*Plantarium*: 712446); N slope of Mount Sapun, 10.06.1981, Usacheva & Kosykh (YALT, as *Scabiosa micrantha* auct.) (Ryff & Svirin 2022b); 44°31'35.8"N, 33°31'04.1", Ancient ruins on the way from the 5th km of Balaklava Highway to Balka Bermiana valley, wasteland above the spring, 31.05.2017, *Svirin* (MW0632716); [*ibidem*], 44°31'35.8"N, 33°31'04.0"E, antique ruins on the way from the 5th km to Balka Bermiana valley, elev. 187 m a.s.l., wasteland above the spring, 31.05.2017, *Svirin* (Ryff & Svirin 2022b), [*ibidem*], 44°31'22.4"N, 33°31'14"E, near Balka Bermiana valley, elev. 185 m a.s.l., dry grasslands in *Pinus nigra* subsp. *pal-lasiana* plantation, 15.06.2017, Ryff & Svirin (YALT) (Ryff & Svirin 2022b); 44°31'22.3"N, 33°37'55.8"E, Canrobert's Hill, glade in *Quercus* and *Carpinus orientalis* open woodlands, 24.05.2025, Yevseyenkov (*Plantarium*: 839742); [*ibidem*], Ryff & Svirin (Ryff & Svirin 2022b).

• ***Lomelosia divaricata*** (Jacq.) Greuter & Burdet (*Scabiosa sicula* L., *S. divaricata* Jacq.) – 44°32'52.8"N, 33°28'04.8"E, Yukharina Balka valley, petrophytic steppe, 31.05.2017, *Svirin* (*Plantarium*: 515449); 44°33'08.8"N, 33°29'30.5"E, sports airfield Yukharina Balka valley and its vicinity, petrophytic steppe, elev. 100 m a.s.l., 11.06.2017, *Svirin* (MW0632718); 44°32'52.8"N, 33°28'04.8"E, lower Yukharina Balka valley, elev. 50 m a.s.l., 11.06.2017, *Svirin* (MW0632719); 44°33'10.8"N, 33°28'15.8"E, ravine between Yukharin ravine and sports airfield, elev. 90 m a.s.l., 11.06.2017, *Svirin* (MW0632720); 44°32'52.2"N, 33°28'05.1"E, Yukharina Balka valley, elev. 50 m a.s.l., calcareous rock steppe, 15.06.2017, Ryff, Bondareva, Svirin & Yevseyenkov (YALT); Yukharina Balka valley, 44°32'52.5"N, 33°28'05.1"E, elev. 50 m a.s.l., wasteland along ravine, 31.05.2017, *Svirin* (MW0632721); Sevastopol, N slope of Mount Sapun, 10.06.1981, Usacheva & Kosykh (YALT, as *Pterocephalus plumosus* auct.) & Ryff, *Svirin* (Ryff & Svirin 2022a).

Lonicera japonica Thunb. CN – 44°36'55.9"N, 33°30'43.3"E, Sevastopol, city centre, maritime slope towards Alexandrovskaya Bay, 11.06.2016, Yevseyenkov (*Plantarium*:

478516); 44°34'14.9"N, 33°25'55.5"E, W coast of Kamyshovaya Bay, on a wasteland, in the thickets of *Rubus* sp., 27.06.2026, *Yevseyenkov* ([Plantarium: 878797](#)).

Valeriana grossheimii Vorosch. A/CN? – 44°35'20.0"N, 33°37'00.0"E, Inkerman, meadow by the Chernaya River estuary, several plants in blackberry thickets (*Rubus* sp.), 09.05.2016, *Yevseyenkov*, det. Grigorenko ([Plantarium: 452691](#)).

Caryophyllaceae

Dichodon viscidus (M.Bieb.) Holub – 44°43'42.12"N, 33°34'11.50"E, Vicinity of Orlovka, 09.05.2017, *Svirin* ([MW0632575](#)); 44°43'09.5"N, 33°32'58.0"E, 2.5 km south of the village of Orlovka, the Elm Grove, and the sandy beach, 11.04.2020, *Svirin* ([iNaturalist: 41949475](#)) & the eastern shore of the pond in the village of Orlovka, disturbed halophyte steppe ([iNaturalist: 41954792](#)); 44°43'37.7"N, 33°32'56.2"E, beach of Orlovka, along the dirt road, disturbed halophyte steppe, 23.05.2020, *Kashirina* ([iNaturalist: 47121466](#)); 44°43'30.1"N, 33°33'10.0"E, Orlovka, 12.04.2021, *Safina* ([iNaturalist: 73740310](#)).

Holosteum glutinosum subsp. *liniflorum* Fateryga A – 44°36'26.3"N, 33°29'31.7"E, New Khersones, on a lawn with brought-in soil, 29.03.2025, *Yevseyenkov* ([Plantarium: 833733](#)).

Minuartia euxina Klokov – 44°35'42.8"N, 33°44'13.7"E, Vicinity of Ternovka, precipitous edge of the cuesta, 07.05.2024, *Svirin* ([iNaturalist: 269630635](#)); 44°35'43.3"N, 33°43'59.1"E, Kara-Koba Rocks, 12.05.2025, *Yevseyenkov* ([Plantarium: 838186](#)). – An endemic of the Crimean lowlands; it grows on stony slopes and rocks in the foothill region of the peninsula and on Karadag Range (Klokov 1974). In Sevastopol, the species was found in a typical habitat: in the foothills, on the rocky edge of a cuesta ridge.

Minuartia hamata (Hausskn. & Bornm.) Mattf. – Numerous records within the city and its vicinity; the species has likely been overlooked due to its small size: 44°40'34.97"N, 33°35'8.22"E, Vicinity of Fruktovoye, clayey slope with limestone fragments, 03.05.2017, *Yevseyenkov* ([Plantarium: 507848](#)); 44°32'49.5"N, 33°28'05.9"E, Vicinity of Balka Bermans valley, 12.05.2018, *Svirin* ([iNaturalist: 40137925](#)); 44°31'25.2"N, 33°28'45.6"E, Vicinity of Balka Bermans valley, 11.05.2021, *Svirin* ([iNaturalist: 107889737](#)); 44°31'25.27"N, 33°28'5.37"E, Vicinity of cape Fiolent, *Quercus* open woodland ("dubki"), 11.05.2021, *Yevseyenkov* ([Plantarium: 712451](#)); 44°37'33.0"N, 33°37'05.4"E, Inkerman, Martynova Balka valley, 28.04.2022, *Svirin* ([iNaturalist: 152808859](#)); 44°35'45.4"N, 33°38'52.2"E, Mekenzievy Mountains, 23.05.2023, *Cherkasov* ([iNaturalist: 163293198](#)); 44°33'50.1"N, 33°32'34.6"E, Maximova Dacha, Khomutova Balka valley, 24.05.2023, 31.05.2023, 04.06.2023, *Svirin* ([iNaturalist: 202262037](#), [iNaturalist: 202303591](#), [iNaturalist: 202696824](#)); 44°35'01.3"N, 33°32'23.0"E, Delagardova Balka valley, 17.05.2025, *Okatov* ([iNaturalist: 285551216](#)).

Silene bupleuroides L. – 44°44'26.6"N, 33°32'39.2"E, Orlovka, fallow land, 17.08.2009, *Shynder* ([iNaturalist: 95378619](#)); 44°27'55.4"N, 33°52'26.9"E, Uzunja River

Canyon, steep slope with juniper woodland, mountain roadside, fragment of a turfy rock, 05.07.2021, *Lyaskovskaya* ([iNaturalist: 85886909](#)); 44°50'01.0"N, 33°33'02.3"E, W coast near Kacha, on a cliff to the sea, mixed grass feather grass-fescue steppe, 25.06.2022, *Svirin* ([iNaturalist: 131971932](#)).

Silene dichotoma Ehrh. – 44°38'16.3"N, 33°37'14.1"E, vicinity of Inkerman, fallow land, 09.05.2020, *Svirin* ([iNaturalist: 45613852](#)) & 44°38'08.7"N, 33°37'38.9"E ([iNaturalist: 45613827](#)); 44°40'40.7"N, 33°39'43.2"E, vicinity of Verkhnesadovaya railway station, the area of the Gorny Klyuch tract, 21.06.2020, *Safina* ([iNaturalist: 50464515](#)); 44°38'00.3"N, 33°37'00.3"E, vicinity of Inkerman, fallow land, 21.05.2021, *Svirin* ([iNaturalist: 107963796](#)); 44°31'13.9"N, 33°37'53.6"E, vicinity of Balaklava, the Canrobert's Hill, a disturbed petrophyte steppe on the border of a vineyard, 23.05.2021, *Yevseyenkov* ([Plantarium: 695597](#)); 44°39'49.5"N, 33°32'45.2"E, Lyubimovka, anthropogenic soil piles, 04.06.2022, *Svirin* ([iNaturalist: 123930004](#)).

Crassulaceae

Sempervivum ruthenicum C. Schnittsp. & C.B. Lehm. A – 44°30'59.2"N, 33°32'10.1"E, Balka Bermiana valley, unpaved road verge, 05.06.2020, *Yevseyenkov* ([Plantarium: 659503](#)).

Cucurbitaceae

Bryonia cretica subsp. *dioica* (Jacq.) Tutin (*B. dioica* Jacq) AN – 44°40'54.9"N, 33°41'23.2"E, Verkhnesadovoye, on a fence along the railway, 30.06.2018, *Yevseyenkov* ([Plantarium: 574637](#)).

Sicyos angulatus L. A – 44°35'41.9"N, 33°26'53.7"E, Head of Kruglaya Bay (Omega), on a watercourse in *Phragmites australis* thickets, 13.12.2025, *Yevseyenkov* ([Plantarium: 859943](#)), [*ibidem*], 12.10.2025, *Polyakova* ([iNaturalist: 320399245](#)). – A new species for the flora of the Crimean Peninsula. Originating from North America, the species has spread widely across Europe and is expanding eastward. In Eastern Europe and neighbouring Asian countries, it is recorded in Belarus, Ukraine, Georgia, and Turkey (Terzioğlu & al. 2025). In Russia, there are reports for the Krasnodar Krai, the Republic of Adygea, and Kabardino-Balkaria (Tsepkova & al. 2025).

Cyperaceae

Cyperus longus L. AN – 44°36'39.7"N, 33°32'04.4"E, Korabelnaya Side, Cape Lazarev, abandoned lawn on the site of an old factory, in community with *Ailanthus altissima* (Mill.) Swingle, 04.09.2019, *Yevseyenkov* ([Plantarium: 628507](#)), [*ibidem*], abandoned lawn on the premises of the Sevmorzavod Shipyard, 08.09.2019, *Yevseyenkov* ([MW0632885](#)).

Cyperus pannonicus Jacq. AN – 44°35'42.2"N, 33°26'50.5"E, W shore of Kruglaya Bay, sandy spit, 12.10.2017, *Svirin* ([Plantarium: 536456](#), [MW0632888](#)). – The population emerged in 2017, likely as a result of bird-mediated dispersal. The authors had frequently explored the area previously, and it is highly improbable that they could have overlooked plants that currently dominate the community on the sandspit.

Dennstaedtiaceae

Pteridium aquilinum (L.) Kuhn – 44°34'51.8"N, 33°47'35.8"E, Shuldan Pass area, forest *Pinus nigra* subsp. *pallasiana*, 29.06.2020, *Svirin* ([iNaturalist: 51459812](#)) & *Kashirina* ([iNaturalist: 51461766](#)) & *Safina* ([iNaturalist: 51464706](#)); 01.09.2020, *Svirin* ([iNaturalist: 69665656](#)) & 22.8.2021 ([iNaturalist: 92344086](#)). – Seregin (2008) mentioned a record in the adjacent locality near Mount Mangup-Kale, Republic of the Crimea.

Equisetaceae

Equisetum ×litorale Kühlew. ex Rupr. (*E. arvense* L. × *E. fluviatile* L.) – 44°30'41.6"N, 33°40'52.2"E, along the Sukhaya Rechka stream, Toropova Dacha, 22.05.2013, *Svirin*, det. Kozlova ([Plantarium: 535444](#)); 44°35'41.8"N, 33°36'43.6"E, Inkerman, along the Chernaya River, floodplain forest, 16.04.2020, *Svirin* ([iNaturalist: 42409218](#)).

Euphorbiaceae

Euphorbia leptocaula Boiss. – 44°45'19.4"N, 33°32'39.1"E, W coast of Sevastopol in the Kacha area, landslide slopes above the sea, disturbed steppe, 23.05.2020, *Svirin* ([iNaturalist: 47053010](#)); 44°45'36.9"N, 33°32'33.6"E, [*ibidem*], 23.05.2020, *Svirin* ([iNaturalist: 47052993](#)); 44°45'36.4"N, 33°32'33"E, [*ibidem*], 10.05.2016, *Svirin* ([MW0632111](#)).

Euphorbia prostrata Aiton AN – 44°36'46.7"N, 33°30'11.3"E, Shore of Karantinnaya Bay, weed on a lawn, 10.09.2022, *Yevseyenkov* ([Plantarium: 743028](#)).

Fabaceae

Astragalus ucrainicus Popov & Klovov – 44°50'27.9"N, 33°33'38.2"E, Cape Lukull, herb-feather grass-fescue steppe, 25.06.2022, *Svirin* ([iNaturalist: 131972057](#)); 44°45'32.8"N, 33°32'33.2"E, W coast near Kacha, on a cliff to the sea, mixed grass feather grass-fescue steppe, 10.05.2016, *Svirin* ([MW0632073](#)).

Genista depressa M. Bieb. – 44°31'38.2"N, 33°31'13.5"E, Vicinity of Balka Bermana valley, disturbed steppe, 06.06.2019, *Yevseyenkov* ([Plantarium: 615630](#)).

Lathyrus incurvus (Roth) Willd. – 44°42'7.2"N, 33°32'53.1"E, Descent to the sea from the Belbek garden community, on a landslide, 11.06.2016, *Svirin*, det. Ryff ([MW0632089](#)); 44°42'07.9"N, 33°32'54.0"E, W coast of Sevastopol in the Orlovka area, landslide slope in *Phragmites australis* (Cav.) Trin. ex Steud. thickets, 13.06.2016, *Yevseyenkov*, det. Ryff ([Plantarium: 456703](#)). – Until now, the species had been encountered only locally in the Eastern Crimea (Chernova & Borisova 1960). This represents the first, and currently the only, record outside the aforementioned area.

Oxytropis pilosa (L.) DC. – 44°27'32.4"N, 33°53'45.0"E, Ay-Petrinskaya Yayla near Mount Chuvash-Koy, petrophytic steppe, 24.07.2020, *Yevseyenkov* ([Plantarium: 665519](#)).

Trigonella spruneriana Boiss. – 44°35'48.4"N, 33°36'53.4"E, Inkerman, Zagaitanskaya Rock, petrophytic steppe, 26.04.2018, *Svirin* ([Plantarium: 654783](#)),

MW0599767). – A predominantly Mediterranean species. The Crimean population is situated at the northern limit of its native distribution range (GBIF 2026). Within the Crimean Peninsula, the species is exceptionally rare and is currently known only within the boundaries of Sevastopol.

Vicia lenticula (Hoppe) Janka (*Lens ervoides* (Brign.) Grande) – 44°29'00"N, 33°43'00"E, Balaklavsky District, between Yalta Highway and Besh-Yol Pass, 1.5 km from the highway, forest road in the upper part of the mountain slope, elev. 350 m a.s.l., 15.07.2014, *Seregin* #T-1876, [det. Shvedchikova] (MW0616203); 44°34'18.2"N, 33°46'57.9"E, Vicinity of Ternovka, in *Pinus nigra* subsp. *pallasiana* plantations, 13.06.2020, *Svirin* (iNaturalist: 153021361).

Fagaceae

Quercus calcarea Troitsky – Widely spread tree in the region together with *Q. petraea* and *Q. pubescens*: 44°24'41.1"N, 33°44'39.5"E, S slope of the Baydarskaya Yayla, *Quercus–Fraxinus* forest, 21.10.2025, *Yevseyenkov* (Plantarium: 854570); 44°26'47.9"N, 33°48'20.9"E, lower part of N slope of the Ai-Petri Massif, open deciduous forest dominated by *Q. pubescens*, 07.06.2025, *Yevseyenkov* (Plantarium: 841092); 44°36'17.6"N, 33°43'44.1"E, foothills, vicinity of Krepkoye, Donuz-Koba Plateau, elev. 370 m a.s.l., broad-leaved woodland with *Juniperus*, 12.05.2025, *Yevseyenkov* (Plantarium: 838260); 44°24'09.50"N, 33°46'26.1"E, Baydarskaya Yayla, rocky slope, open woodlands, 25.10.2025, *Yevseyenkov* (Plantarium: 854941); 44°36'15.2"N, 33°45'11.0"E, vicinity of Ternovka, *Quercus–Carpinus* forest, 07.05.2024, *Svirin* (iNaturalist: 269630609); 44°25'59.3"N, 33°52'54.0"E, Ay-Petrinskaya Yayla, hardwood forest, 18.06.2024, *Svirin* (iNaturalist: 270143355). – Previously in the Crimea, the species was not distinguished from *Q. petraea* and *Q. pubescens* (Semerikova & al. 2024; Semerikova 2025).

Haloragaceae

Myriophyllum sibiricum Kom. AN – 44°26'18.2"N, 33°45'45.9"E, Baydarskaya Valley, pond between Tylovoe and Orlinoe, 31.05.2020, *Svirin*, det. Romanov (iNaturalist: 48083748); 44°30'08"N, 33°48'42.8"E, Baydarskaya Valley, vicinity of Peredovoye, Nizhneye Lake, 26.05.2020, *Svirin* (MW0599598); 44°27'55.2"N, 33°42'15.0"E, Varnutskaya Valley, pond in Goncharnoye, 31.10.2023, *Svirin* (iNaturalist: 207928611).

Hydrocharitaceae

Elodea nuttallii (Planch.) H.St. John AN – 44°33'07.6"N, 33°44'52.7"E, Rodnoye, pond, 07.08.2022, *Svirin* (iNaturalist: 132937485).

Iridaceae

• ***Iris halophila*** Pall. – 44°29'10" N, 33°37'25" E, Balaklavsky District, 2.25 km SE of Balaklava town, Blizhneye locality – Zolotoy Beach, rubbly slope by the path in *Juniperus* open woodland, elev. 120 m a.s.l., 30.05.2012, *Seregin* #T-1688 (MW0606074, sub nom. *I. spuria* subsp. *musulmanica* auct.) = 44°29'09.1"N, 33°37'26.5"E, Vicinity of Balaklava, terraced maritime slope, in *Pinus brutia* var. *pityusa* plantations, 19.09.2024, *Svirin*

([iNaturalist: 270434180](#)) (Svirin & Kashirina 2023); [*ibidem*], 21.05.2025, Yevseyenkov ([Plantarium: 839326](#)).

Iris pallida Lam. CN – 44°26'28.0"N, 33°39'56.8"E, Vicinity of Balaklava, Biller Ridge, disturbed steppe, 17.05.2023, Yevseyenkov, det. Pirogov ([Plantarium: 769461](#)), [*ibidem*], Biller Ridge, forest edge, disturbed steppe, 27.05.2022, Svirin, det. Pirogov ([iNaturalist: 152967937](#)); 44°44'45.6"N, 33°32'30.5"E, Rockfall-landslide slope between Orlovka and Kacha, south of Nemetskaya Balka valley, slump block, 23.05.2020, Svirin, det. Pirogov ([iNaturalist: 47052903](#)).

Lamiaceae

Ajuga mollis Gladkova - 44°29'20.0"N, 33°37'27.4"E, Vicinity of Balaklava, maritime slope, *Quercus–Carpinus orientalis* open woodland, 02.05.2025, Yevseyenkov ([Plantarium: 837179](#)).

• *Ajuga salicifolia* (L.) Schreb. – 44°32'57.3"N, 33°29'02.5"E, Near Yukharina Balka airfield, petrophytic steppe, 11.06.2017, Svirin ([iNaturalist: 332582520](#)); 44°33'08.3"N, 33°28'18.5"E, ravine between Yukharina Balka and the sport airfield, in pine plantations, 11.06.2017, Svirin ([MW0632696](#)); 44°33'08.9"N, 33°28'17.1"E, [*ibidem*], 22.05.2022, Svirin ([iNaturalist: 152904751](#)); 44°42'50.9"N, 33°35'04.3"E, Vicinity of Orlovka, petrophytic steppe, 13.05.2020, Svirin ([iNaturalist: 46362617](#), [MW0599476](#)). – A confirmation. The species was recorded for the region (Seregin 2008) based on 19th-century literature data; subsequently, it was recorded by Bondareva (2013) from the vicinity of the Yukharina Balka valley.

Salvia pratensis L. A – 44°38'19.0"N, 33°32'28.8"E, lawn in the Uchkuyevka Park, 04.05.2023, Svirin ([iNaturalist: 201252163](#)).

Satureja hortensis L. – 44°29'28.6"N, 33°36'58.0"E, Vicinity of Balaklava, S maritime slope of Mount Asketi, on fine-rubbly scree, 07.08.2021, Yevseyenkov, Svirin & Kashirina ([MW0599456](#)) (Yevseyenkov & al. 2026); 03.09.2021, Svirin ([iNaturalist: 108135927](#)); 20.09.2021, Svirin ([iNaturalist: 108161837](#), [MW0599458](#)). – The regional checklist (Seregin 2008) mentioned a record in the adjacent Opolznevoye, Republic of the Crimea.

Malvaceae

• *Malva nicaeensis* All. A – 44°38'32.9"N, 33°32'22.8"E, Uchkuevka Park, on a lawn, 07.06.2020, Svirin ([iNaturalist: 69223773](#)); 44°37'43.6"N, 33°31'44.8"E, Severnaya Side, road verge, 16.11.2020, Yevseyenkov ([Plantarium: 676753](#)); 44°36'17.2"N, 33°32'16.5"E, Korabelnaya Side, on a lawn, 19.04.2023, Kashirina ([iNaturalist: 159850991](#)). – A confirmation. The species was recorded for the region (Seregin 2008) based on 19th-century literature data.

Hibiscus trionum L. A – 44°26'00.7"N, 33°46'40.7"E, Baydarskaya Valley, Orlinoe, wasteland, on brought-in soil, 15.08.2020, Yevseyenkov ([Plantarium: 667840](#)); [*ibidem*], brought-in on the soil dumping sites from the Southern Coast of the Crimea, 15.08.2020,

Svirin ([MW0599632](#)); 44°36'28.6"N, 33°29'31.0"E, Sevastopol, New Khersones, on a lawn with brought-in soil, 29.08.2024, *Svirin* ([iNaturalist: 270388465](#)); 5th km of Balaklava Highway, 09.07.2018, *Svirin* ([MW0599631](#)).

Oleaceae

Jasminum nudiflorum Lindl. CN – 44°25'32.3"N, 33°42'19.7"E, Laspi, sandy-clay slopes along the road, open woodlands, 15.03.2025, *Yevseyenkov* ([Plantarium: 832145](#)).

Fraxinus ornus L. CN – 44°37'12.18"N, 33°35'48.01"E, Inkerman, Kleopina Balka valley, dirt road shoulder, glade in open woodlands, 21.05.2021, *Cherkasov* ([iNaturalist: 79664454](#)); 44°36'09.3"N, 33°36'46.3"E, Inkerman, Monastyrskaya Rock, 21.05.2021, *Yaranova* ([iNaturalist: 338335787](#)).

Onagraceae

• *Ludwigia brevipes* (B.H. Long ex Britton, A. Braun & Small) Eames A – 44°35'36.8"N, 33°28'11.4"E, Shore of Streletskaya Bay, on the ruins of an ancient settlement, 01.09.2022, *Yevseyenkov*, det. Ryff ([Plantarium: 741947](#)) (*Svirin* & al. 2024).

Orchidaceae

• *Epipactis muelleri* Godfery – 44°26'06.4"N, 33°44'29.4"E, Baydarskaya Valley, *Quercus–Fagus* forest, 12.07.2022, *Svirin* ([iNaturalist: 153224003](#)); 44°26'01.4"N, 33°51'55.3"E, Ay-Petrinskaya Yayla, Gorokhova Dacha locality, *Quercus–Fagus* forest, 16.07.2016, *Svirin* ([MW0631873](#)) (*Kashirina* & al. 2025).

• *Epipactis leptochila* (Godfery) Godfery – We report numerous records from the Baydarsky Reserve and its vicinity: 44°24'47.9"N, 33°46'16.3"E, Vicinity of Kizilovoye, 01.07.2015, *Svirin* ([MW0631872](#)); 44°24'24.1"N, 33°44'27.2"E, Ilyas-Kaya Mount, northern slope, above the trail to Tyshlar spring, 14.07.2017, *Svirin* ([MW0632961](#); [iNaturalist: 40776449](#)); 44°27'14"N, 33°50'41"E, Baydarskaya Valley, vicinity of Rodnikovskoye, the Bossa River, 16.07.2015, *Fateryga & Svirin* (ALTB, PHEO) (*Fateryga et. al.* 2015); 44°29'35.6"N, 33°47'25.0"E, Baydarskaya Valley, vicinity of Shirokoye, left bank of the Chernaya River, 11.07.2021, *Kashirina*, det. Efimov ([iNaturalist: 86767670](#)); 44°33'23.9"N, 33°48'49.3"E, Vicinity of Ternovka, *Quercus–Carpinus betulus* forest, 11.07.2022, *Svirin* ([iNaturalist: 153222390](#), [iNaturalist: 153222397](#)); 44°26'19.6"N, 33°44'11.0"E, Baydarskaya Valley, vicinity of Tylovoye, 12.07.2022, *Svirin* ([iNaturalist: 153224001](#)); 44°30'13.7"N, 33°42'57.3"E, Vicinity of Morozovka, *Quercus–Carpinus betulus* forest, 10.07.2022, *Svirin* ([iNaturalist: 270225869](#)) (*Kashirina* & al. 2025). – The species was previously confused with *E. helleborine* (L.) Crantz. The diagnostic characters of *E. leptochila* are clearly visible on fresh plants, whereas identification of dry material can be difficult (*Fateryga & Fateryga* 2018).

Orobanchaceae

Orobanche grenieri F.W. Schultz – 44°29'23.0"N, 33°37'05.0"E, Vicinity of Balaklava, maritime slope, petrophytic steppe, 24.05.2021, *Kashirina*, det. Lazzeri ([iNaturalist: 106073105](#)).

Phelipanche gussoneana (Lojac.) Domina, Raab-Straube, Ratzel & Uhlich – 44°30'56.6"N, 33°45'35.4"E, Black River Canyon, riparian forest, 27.05.2021, *Svirin* ([iNaturalist: 108011780](#)).

Euphrasia pectinata Ten. – 44°25'31.4"N, 33°53'17"E, Ay-Petrinskaya Yayla near Mount Balchik-Kaya, petrophytic steppe, 28.06.2026, *Svirin* ([iNaturalist: 376604134](#)).

Papaveraceae

Fumaria petteri Rchb. – 44°27'52.9"N, 33°38'45.5"E, vicinity of Balaklava and Rezervnoye, Biller Ridge, seaside cliffs, trail on the middle terrace, 10.05.2015, *Svirin* ([MW0631960](#)); 44°28'28.3"N, 33°38'21.1"E, Ayazma locality, maritime slope, on rocks, elev. 145 m a.s.l., *Juniperus* open woodland, 10.05.2015, *Svirin* ([MW0599861](#)); 44°27'20.3"N, 33°38'48.0"E, Balaklava, cliffs of Inzhir Plateau, 10.05.2015, *Yevseyenkov* ([Plantarium: 400535](#)).

Roemeria minor (Boivin) Banfi, Bartolucci, J.-M. Tison & Galasso (*Papaver minus* (Bel.) Meikle) – 44°27'03.2"N, 33°38'58.7"E, Vicinity of Balaklava, Cape Aya Reserve, maritime conglomerate slope, 03.05.2021, *Svirin* ([iNaturalist: 77440310](#)); 44°35'41.9"N, 33°36'57.4"E, Inkerman, Zagaitanskaya Rock, 01.05.2022, *Svirin* ([iNaturalist: 152810182](#)); 44°33'51.3"N, 33°32'39.8"E, Maximova Dacha, Khomutova Balka valley, 09.05.2019, *Svirin* ([MW0599867](#)). – Following Ryff (2017), *Papaver argemone* L. was erroneously reported for the Crimea and Sevastopol (Seregin 2008; Yena 2012).

Phytolaccaceae

Phytolacca americana L. AN – 44°35'43.5"N, 33°36'23.0"E, Inkerman, along the railway, railway embankment, in *Rubus* sp. thickets, 03.08.2024, *Yevseyenkov* ([Plantarium: 813754](#)).

Plantaginaceae

Globularia trichosantha Fisch. & C.A. Mey. – 44°34'13.7"N, 33°49'21.7"E, Vicinity of Ternovka, 4 km E of the village, slopes of Mount Belaya, glade in *Quercus-Carpinus betulus* forest by the road, 20.11.2016, *Svirin* ([MW0632709](#)) & 29.06.2020, *Svirin* ([iNaturalist: 51465155](#)). – Seregin (2008) mentioned a record in the adjacent locality near Mount Mangup-Kale, Republic of the Crimea.

Linaria macroua (M. Bieb.) M. Bieb. – 44°43'18.2"N, 33°33'51.4"E, Vicinity of Orlovka, slope of the left bank of the Kacha River, *Quercus* open woodland ("dubki"), 09.05.2017, *Svirin* ([MW0632704](#)).

Poaceae

• *Aegilops peregrina* (Hack.) Maire & Weiller – 44°29'55.64"N, 33°37'45.45"E, Balaklava vicinity, Vitmerova Balka valley, elev. 260 m a.s.l., conglomerate hill, dry grasslands on the edge of woodlands of *Juniperus excelsa* and *Quercus pubescens*, 16.05.2017, *Ryff & Svirin* (YALT) & 10.06.2019, *Ryff* (YALT) (*Ryff & Svirin* 2020); 44°28'13"N,

33°42'08"E, Varnutskaya Valley, Goncharnoye, elev. 270 m a.s.l., dry grassland on abandoned farmland, 26.05.2017, *Svirin* (YALT); [*ibidem*], 44°28'12.9"N, 33°42'10.2"E, Vicinity of Goncharnoye, in fallow land, 14.06.2022, *Yevseyenkov*, det. Ryff ([Plantarium: 732761](#), [Plantarium: 732762](#)).

Beckmannia eruciformis (L.) Host – 44°26'57.31"N, 33°46'44.23"E, Baydarskaya Valley, vicinity of Orlinoeye, herb-rich meadow, 12.06.2026, *Yevseyenkov* ([Plantarium: 877336](#)).

Chloris virgata Sw. A – 44°36'47.1"N, 33°31'04.5"E, Shore of Artilleriyskaya Bay, wasteland, road verge, 26.10.2024, *Svirin* ([iNaturalist: 271532248](#)) (*Yevseyenkov* et. al. 2026).

Eremopyrum orientale (L.) Jaub. & Spach – 44°43'31.0"N, 33°33'03.0"E, Vicinity of Orlovka, bank of the Kacha River, disturbed halophytic steppe, 09.05.2017, *Yevseyenkov* ([Plantarium: 508844](#)) & *Svirin* ([MW0632542](#)).

Eremopyrum triticeum (Gaertn.) Nevski – 44°43'30.0"N, 33°33'19.4"E, Vicinity of Orlovka, bank of the Kacha River, disturbed halophytic steppe, 09.05.2017, *Yevseyenkov* ([Plantarium: 508847](#)) & *Svirin* ([MW0632544](#)).

Falona echinata (L.) Dumort. (*Cynosurus echinatus* L.) – near Sevastopol, near the road, 16.05.2012, *O.M. Kurdyukova* ([MW0631807](#)); 44°24'18.8"N, 33°47'44.9"E, The southern coast of Crimea, a descent from the Baydarskiye Vorota pass to Foros, the side of a mountain road, among open xeric woodlands, 31.05.2020, *Bogdanovich* ([iNaturalist: 48098315](#)) & 44°24'11.0"N, 33°47'54.7"E, 19.10.2021 ([iNaturalist: 99004014](#)); 44°27'58.0"N, 33°42'38.1"E, The Varnut Valley, fallow field, 03.09.2023, *Prikhodko* ([iNaturalist: 181586258](#)). – A confirmation. The species was previously recorded for the region based on literature data (Seregin, 2008).

Lolium multiflorum Lam. CN? – We report numerous records on lawns of the region, where it is actively used as part of new lawn seed mixtures: 44°37'02.8"N, 33°40'06.8"E, Mekenzievy Mountains, area of the Tavrida highway, 10.12.2020, *Svirin* ([iNaturalist: 69856508](#)); 44°37'57.4"N, 33°32'16.0"E, Severnaya Side, Uchkuevka Park, beach, 10.07.2021, *Svirin* ([iNaturalist: 86767645](#), [iNaturalist: 86759216](#)); 44°38'03.7"N, 33°31'56.2"E, Severnaya Side, urban area, 04.06.2022, *Svirin* ([iNaturalist: 123878521](#), untypical plant) & 44°38'02.5"N, 33°31'59.9"E, road margin, 28.05.2024, *Svirin* ([iNaturalist: 269898682](#)); 44°39'30.9"N, 33°33'03.9"E, Lyubimovka, flowerbed, 04.06.2022, *Svirin* ([iNaturalist: 123878652](#)); 44°35'41.1"N, 33°26'51.9"E, Shore of the head of Kruglaya Bay, 20.08.2022, *Svirin* ([iNaturalist: 133125494](#)); 44°34'54.5"N, 33°28'01.9"E, Shevchenko Street, lawn, 12.06.2022, *Kashirina* ([iNaturalist: 144682598](#)); 44°34'03.1"N, 33°36'33.1"E, Vicinity of Shturmovoeye, road margin, 24.05.2023, *Svirin* ([iNaturalist: 202260371](#)); 44°38'23.1"N, 33°31'53.1"E, Uchkuevka, landslide coast, on maritime slopes, 02.06.2024, *Kashirina* ([iNaturalist: 226160462](#)); 44°28'04.7"N, 33°40'20.9"E, Varnutskaya Valley, Rezervnoye, road margin, 30.05.2024, *Svirin*

([iNaturalist: 269899920](#)); 44°26'58.1"N, 33°46'35.5"E, Baydarskaya Valley, Orlinoe, roadside in the village centre, 05.06.2025, *Anvarov* ([iNaturalist: 290972985](#)).

Melica nutans L. – 44°31'57.26"N, 33°42'15.30"E, Chernorechye, along the Chernaya River, a single clump, 05.05.2016, *Svirin* ([MW0631804](#)); 44°29'48.7"N, 33°46'59.0"E, the Black River, near the mountain of Kizil-Kaya, broad-leaved forest near the river, 26.04.2020, *Svirin* ([iNaturalist: 44343898](#)); 44°43'37.7"N, 33°32'56.2"E, the Chernaya River, the entrance to the canyon from the east, the broad-leaved forest near the river, 11.07.2021, *Kashirina* ([iNaturalist: 86770656](#)) & *Konchenko* D.A. ([iNaturalist: 86771685](#)); 44°26'17.3"N, 33°51'12.1"E, trail along the Basaya (Bosa) gully, broad-leaved forest, 12.06.2022, *Kashirina* ([iNaturalist: 144671252](#)).

Parapholis cylindrica (Willd.) Romero Zarco – 44°23'27.8"N, 33°44'18.2"E, South Coast of the Crimea, vicinity of Cape Sarych, unpaved road track, 27.05.2018, *Yevseyenkov* ([Plantarium: 569294](#)).

• *Polypogon maritimus* Willd. – 44°31'17.6"N, 33°33'47.4"E, Vicinity of Balaklava, Zolotaya Balka valley, herb-rich meadow, 12.07.2017, *Svirin* ([iNaturalist: 332751395](#)), Balaklava, 11th km of Balaklava Highway, 12.07.2017, *Svirin* ([MW0632791](#)), [*ibidem*], Zolotaya Balka valley, moist limestone outcrops covered with fine-grained soil among savanna-like steppe vegetation and scrub, 05.06.2018, *Yevseyenkov* ([Plantarium: 570824](#)); 44°31'18.72"N, 33°33'47.11"E, elev. 150 m a.s.l., disturbed grassland on limestone outcrops, 12.07.2017, *Svirin* (CSAU, YALT) (Ryff & al. 2019).

Secale sylvestre Host – Vicinity of Osipenko, beach, 30.05.2016, *Svirin* ([MW0631819](#)); 44°43'41.1"N, 33°32'55.2"E, Vicinity of Orlovka, beach, 23.05.2022, *Svirin* ([iNaturalist: 47052857](#)).

• *Thinopyrum acutum* (DC.) Banfi (*Elytrigia atherica* (Link) Kerguelen) – Sevastopol, S corner of Omega Bay, 44°35'45"N, 33°26'55"E, stony seashore, elev. 0 m a.s.l., 29.07.2014, *Seregin & Yevseyenkov* # T-2101 (MW, not yet digitized); 44°35'44.2"N, 33°26'55.2"E, [*ibidem*], S shore of Kruglaya Bay, saline area, 13.06.2018, *Yevseyenkov* ([Plantarium: 594550](#)) & *Ryff* et al.; 44°34'20"N, 33°25'30"E, Sevastopol, S side of Kamyshovaya Bay, parking area for trucks near entrance to ferry terminal, elev. 10 m a.s.l., 31.07.2014, *Seregin & Yevseyenkov* # T-2140 (MW, not yet digitized); 44°34'23.3"N, 33°25'39.0"E, W shore of Kamyshovaya Bay, 16.07.2020, *Yevseyenkov*, det. *Ryff* ([Plantarium: 785339](#)); 44°35'43"N, 33°26'54"E, Kruglaya Bay, elev. 1–2 m a.s.l., sea shore, 19.07.2020, *Ryff, Yevseyenkov & Kudrinskaya* (YALT), [*ibidem*], 44°34'23"N, 33°25'39"E, Kamyshovaya Bay, elev. 1 m a.s.l., sea shore, 19.07.2020, *Ryff, Yevseyenkov & Kudrinskaya* (YALT), [*ibidem*], 44°34'08"N, 33°24'49"E, Kazachya Bay, elev. 1 m a.s.l., sea shore, 19.07.2020, *Ryff, Yevseyenkov & Kudrinskaya* (YALT), [*ibidem*], 44°35'39"N, 33°28'06"E, Streletskaya Bay, elev. 2–3 m a.s.l., sea coast, 19.07.2020, *Ryff, Yevseyenkov & Kudrinskaya* (YALT) (Ryff & al. 2024a). – A coastal species. Within the Black Sea region, the species is also recorded in Bulgaria, where it has a formal conservation status. In the Crimea and Sevastopol, it occurs along the shores of Kazachya,

Kamyshovaya, and Kruglaya bays in the western part of the Heracles Peninsula. We erroneously reported *×Agrotrigia hajastanica* (Tzvelev) Tzvelev for the region instead of *Thinopyrum acutum* (DC.) Banfi (Seregin & al. 2015). The species is not a novelty in Eastern Europe, because it was reported from the Baltic Coast in Kotlin Island near St. Petersburg as an alien (Tzvelev & Probatova 2019; sub nom. *Elytrigia atherica*).

Polygonaceae

Atraphaxis replicata Lam. – 44°26'58.5"N, 33°38'33.9"E, shore opposite the Malaya Kulona Rock (the second Shpital), Cape Aya, several plants, 21.07.2015, *Svirin* (MW0631895); 44°26'58.1"N, 33°38'33.2"E, [*ibidem*], about 50 plants, 20.06.2017, *Svirin* (MW0632570) & 22.09.2018, *Golovina & Svirin* (MW0632992, iNaturalist: 40947433).

Potamogetonaceae

• *Potamogeton sarmaticus* Mäemets – 44°30'17"N, 33°48'52"E, Urkusta storage reservoir close to Peredovoye, 14.05.2024, *Aleksandrov* (SIBS); 44°31'51"N, 33°40'54"E, Gasfortovskoye storage reservoir, 16.05.2024, *Milchakova* (SIBS) (Yena & al. 2025). – Data deficient species. Probably a large-leaved form of *P. gramineus* L. (Wieglet & Kaplan 1998).

Ranunculaceae

Ranunculus circinatus Sibth. – 44°30'17.8"N, 33°48'38.3"E, Baydarskaya Valley, Nizhneye Lake, 01.06.2020, *Svirin*, det. Davydov (iNaturalist: 51868970), 12.07.2020, *Svirin* (iNaturalist: 69588086). – Previously, two species of water-crowfoots (*Ranunculus* sect. *Batrachium*) were reported for Crimea, from which *R. circinatus* differs in the following characters: from *R. rionii* Lager by fewer nutlets in the head, and from *R. trichophyllus* Chaix by smaller (1–2 cm in diameter) amplexicaul leaves. The species was likely previously confused with *R. trichophyllus*, which is common in the region.

Ranunculus muricatus L. – 44°34'09.1"N, 33°32'05.8"E, Sarandinakina Balka valley, by the stream, 30.04.2014, *Yevseyenkov*, det. Ryff (Plantarium: 235391); 44°28'46.2"N, 33°47'03.7"E, Baydarskaya Valley, wet meadow, vicinity of Ozernoye, 13.06.2020, *Svirin* (iNaturalist: 49634792).

Rosaceae

Rosa livescens Besser (*R. pygmaea* M. Bieb.) – 44°35'40.4"N, 33°26'40.6"E, W shore of Kruhlaya Bay, fragment of petrophytic steppe, 26.05.2019, *Yevseyenkov* (Plantarium: 614606).

Rubiaceae

Galium octonarium (Klokov) Pobed. – Cape Lukull, steppe areas by the seashore 4–5 km W of Uglovoye, herb-*Artemisia-Festuca* steppe, 21.05.1984, *Tzvelev, Geltman, Medvedeva & Mustafina* (MW0627200, LE); 44°50'22.8"N, 33°33'13.2"E, [*ibidem*], Cape Lukull, steppe, 01.06.2022, *Yevseyenkov* (Plantarium: 730958).

Galium triandrum Hyl. (*Asperula tinctoria* L., *Cynanchica tinctoria* (L.) Fourr.) – 44°33'55.6"N, 33°48'03.9"E, Vicinity of Ternovka, marl scree on a slope, 18.05.2024, *Svirin*, det. Grigorenko ([iNaturalist: 269681768](#)).

Scrophulariaceae

Verbascum banaticum Schrad. – 44°40'16.7"N, 33°42'19.0"E, Vicinity of Verkhnesadovoye, 1.6 km SE of Verkhnesadovaya railway station, glade in *Quercus* open woodland, 05.07.2017, *Svirin* ([Plantarium: 520381](#), [MW0632701](#)).

Verbascum pyramidatum M. Bieb. – 44°28'39.6"N, 33°41'34.2"E, Varnutskaya Valley, vicinity of Rezervnoye, in fallow land, 08.07.2018, *Yevseyenkov* ([Plantarium: 575577](#)).

Solanaceae

Datura wrightii Regel CN – 44°35'49.92"N, 33°27'45.00"E, Between Streletskaya Bay and Victory Park, corner of Admiral Fadeev Street, a wasteland, 29.07.2014, *Seregin & Yevseyenkov*, det. S. Mayorov ([MW0625406](#)); 44°30'14.4"N, 33°35'46.6"E, Balaklava, abandoned quarry, 04.10.2020, *Yevseyenkov* ([Plantarium: 672534](#)); 44°37'38.1"N, 33°32'05.6"E, urban area near Zakharova Square, 19.09.2008, *Svirin* ([iNaturalist: 338225497](#)); 44°35'39.46"N, 33°26'53.60"E, Kruglaya Bay, wasteland, 08.08.2026, *Yevseyenkov* ([Plantarium: 883322](#)). – The species was apparently previously confused with *Datura innoxia* Mill. (Verloove 2008).

Conclusion

An inventory of the spontaneous flora of Sevastopol area is presented as a continuation of two earlier overviews (Seregin 2008; Seregin & al. 2015), reporting 104 vascular plant species new to the area, including three confirmations of historical records from literature. This includes 35 alien species at various stages of naturalisation and 69 indigenous species previously overlooked in floristic surveys.

In 2015–2025, four species were reported from Sevastopol area for the first time in Eastern Europe (*Gelasia villosa*, *Lomelosia brachiata*, *Lomelosia divaricata*, and *Aegilops peregrina*), and a further nine species were new records for the Crimean Peninsula (*Buglossoides incrassata*, *Iris halophila*, *Ludwigia brevipes*, *Chloris virgata*, *Polypogon maritimus*, *Potamogeton sarmaticus*, *Ranunculus circinatus*, *Sicyos angulatus*, and *Thinopyrum acutum*), of which two (i.e. *Ranunculus circinatus* and *Sicyos angulatus*) are reported here as novelties for the first time.

Based upon studies of 2015–2025, taxa to be excluded from the flora of Sevastopol area are: *Bupleurum veronense* Turra (Ryff & al. 2022); *Buglossoides tenuiflora* (Ryff & al. 2024b); *Epipactis turcica* Kreutz (Fatoryga & Fatoryga 2018); *Papaver argemone* (Ryff 2017); *×Agrotrigia hajastanica* (Ryff & al. 2024a), *Astragalus contortuplicatus* L. (Mihail Knjasev, pers. comm.), *Datura innoxia* Mill. (det. Sergey Mayorov).

Consequently, the flora of the Sevastopol area now comprises 1,745 species of vascular plants (excluding literature records not supported by herbarium specimens or recent photographic evidence).

Following our research, *Iris halophila* and *Potamogeton sarmaticus* have been included in the regional list of protected plant species.

The most noteworthy naturalised aliens that have colonised Sevastopol in the last decade and may be classified as invasive include *Dittrichia viscosa*, *Matricaria discoidea*, *Euphorbia prostrata*, *Elodea nuttallii*, and *Datura wrightii*. We report on the initial stages of their colonisation within the area.

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Addresses of the authors:

Alexey P. Seregin (<http://orcid.org/0000-0002-1824-7453>)¹, Pavel E. Yevseyenkov

(<https://orcid.org/0009-0005-9278-9612>)², Sergey A. Svirin (<https://orcid.org/0000-0003-1709-080X>)³ & Ekaterina S. Kashirina (<https://orcid.org/0000-0002-8808-3255>)⁴,

¹Herbarium (MW), Faculty of Biology, Lomonosov Moscow State University, Leninskie Gory 1, Moscow, 119991, Russia. E-mail: botanik.seregin@gmail.com

²Independent researcher; 32 bd. October Revolution Avenue, Sevastopol, 299038, Russia. E-mail: fhunt@yandex.com

³Flora and Vegetation Laboratory, Nikita Botanical Gardens — National Scientific Center of the RAS, Nikitsky descent 52, Nikita village, Yalta, Republic of Crimea, 298648, Russia. E-mail: sapsan7@mail.ru

⁴Laboratory of Landscape Ecology and Geomatics, A.O. Kovalevsky Institute of Biology of the Southern Seas of the RAS, Nakhimov Ave. 2, Sevastopol, 299011, Russia. E-mail: e_katerina.05@mail.ru