

Italian Botanist 15

Supplementary data to Notulae to the Italian native vascular flora: 15

Edited by F. Bartolucci, G. Galasso

Categories concerning the occurrence status of taxa follow Bartolucci et al. (2018).

1. Nomenclatural updates

| Family | Nomenclature according to the Portal to the Flora of Italy (2023) | Revised nomenclature | References/Note |
|----------------|--|---|---|
| Rosaceae | <i>Alchemilla debilicaulis</i> Buser | <i>Alchemilla debilicaulis</i> (Buser) Buser | Verified protologue |
| Amaryllidaceae | <i>Allium schoenoprasum</i> L. subsp. <i>schoenoprasum</i> | <i>Allium schoenoprasum</i> L. | Aedo (2013), POWO (2023) |
| Aspleniaceae | <i>Asplenium adulterinum</i> Milde subsp. <i>presolanense</i> Mokry, Rasbach & Reichst. | <i>Asplenium presolanense</i> (Mokry, Rasbach & Reichst.) J.C.Vogel & Rumsey | Voget et al. (1998), Hassler (2023) |
| Poaceae | <i>Avenula pubescens</i> (Huds.) Dumort. subsp. <i>laevigata</i> (Schur) Holub | <i>Avenula pubescens</i> (Huds.) Dumort. | Villa et al. (2022); POWO (2023) |
| Campanulaceae | <i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (K.Koch) Velen. | <i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (Velen.) Fed. ex Greuter & Burdet | POWO (2023) |
| Iridaceae | <i>Chamaeiris lorea</i> (Janka) Peruzzi, F.Conti & Bartolucci | <i>Chamaeiris collina</i> (N.Terracc.) Del Guacchio | Boltenkov and Del Guacchio (2022) |
| Euphorbiaceae | <i>Euphorbia falcata</i> L. subsp. <i>falcata</i> | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Ranunculaceae | <i>Hepatica nobilis</i> Mill. | <i>Hepatica nobilis</i> Schreb. | Verified protologue. <i>Hepatica nobilis</i> Mill. is an invalid name |
| Poaceae | <i>Milium vernale</i> M.Bieb. subsp. <i>vernale</i> | <i>Milium vernale</i> M.Bieb. | E. Banfi, pers. comm. |
| Poaceae | <i>Milium vernale</i> M.Bieb. subsp. <i>montianum</i> (Parl.) K.Richt. | <i>Milium montianum</i> Parl. | E. Banfi, pers. comm. |
| Poaceae | <i>Milium vernale</i> M.Bieb. subsp. <i>scabrum</i> (Rich.) K.Richt. | <i>Milium vernale</i> M.Bieb. | <i>Milium scabrum</i> auct. Fl. Ital. should be referred to <i>M. vernale</i> (E. Banfi, pers. comm.) |
| Asparagaceae | <i>Muscari racemosum</i> (L.) Mill. | <i>Muscari racemosum</i> (L.) Medik., non Mill., nom. illeg. | Synonym of <i>Muscari neglectum</i> Guss. ex Ten. |
| Asparagaceae | <i>Muscari racemosum</i> Mill. | <i>Muscari racemosum</i> (L.) Mill. | Verified protologue |
| Amaryllidaceae | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Loisel.) Baker | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | Verified protologue |
| Orchidaceae | <i>Orchis spitzelii</i> Saut. ex W.D.J.Koch | <i>Orchis spitzelii</i> Saut. ex W.D.J.Koch subsp. <i>spitzelii</i> | Calevo et al. (2023) |
| Poaceae | <i>Phragmites australis</i> (Cav.) Trin. ex Steud. subsp. <i>altissimus</i> (Benth.) Clayton | <i>Phragmites altissimus</i> (Benth.) Mabilie | Verlaque et al. (2023) |
| Poaceae | <i>Phragmites australis</i> (Cav.) Trin. ex Steud. subsp. <i>australis</i> | <i>Phragmites australis</i> (Cav.) Trin. ex Steud. | Verlaque et al. (2023) |
| Lamiaceae | <i>Scutellaria columnae</i> All. subsp. <i>gussonei</i> (Ten.) Arcang. | <i>Scutellaria columnae</i> All. subsp. <i>gussonei</i> (Ten.) Nyman | Misprint in Bartolucci et al. (2018) |
| Asteraceae | <i>Urospermum dalechampii</i> (L.) F.W.Schmidt | <i>Urospermum dalechampii</i> (L.) Scop. ex F.W.Schmidt | Verified protologue |
| Vitaceae | <i>Vitis vinifera</i> L. subsp. <i>silvestris</i> Hegi | <i>Vitis vinifera</i> L. subsp. <i>sylvestris</i> (Willd.) Hegi | Verified protologue; synonym of <i>Vitis vinifera</i> L. |

2. Note updates

| Family | Taxon | Note update | References |
|----------|---|---|-------------------------|
| Fabaceae | <i>Vicia pannonica</i> Crantz subsp. <i>pannonica</i> | The record as native taxon for LAZ by Di Pietro et al. (2022) should be verified. | Di Pietro et al. (2022) |

3. Distribution updates

| Family | Taxon | Distribution update | References/Note |
|---------------|--|---------------------|--|
| Ranunculaceae | <i>Adonis fucensis</i> F.Conti & Bartolucci | E, P ITA; P ABR | Conti et al. (2023b) |
| Apiaceae | <i>Aethusa cynapium</i> L. subsp. <i>cynapium</i> | NP TOS | Arrigoni (2021) |
| Poaceae | <i>Agrostis stolonifera</i> L. subsp. <i>maritima</i> (Lam.) Vasc. | P SAR, P SIC | Mila and Mossa (1977), Scafidi and Raimondo (2019) |
| Poaceae | <i>Aira multiculmis</i> Dumort. | P SIC | Cambria et al. (2023) |
| Rosaceae | <i>Alchemilla debilicaulis</i> (Buser) Buser | T ITA; P PIE | Vaccari (1909); this species is taxonomically doubtful (F. Festi, pers. comm.) |
| Brassicaceae | <i>Alyssum cognense</i> Španiel, K.Kaplan, Juillerat & Bäumler | P ITA; P VDA | Španiel et al. (2022) |
| Brassicaceae | <i>Alyssum montanum</i> L. | NP VDA | Španiel et al. (2022) |
| Apiaceae | <i>Anthriscus nitida</i> (Wahlenb.) Hazsl. | D TOS | Arrigoni (2021) |

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| Araceae | <i>Arum maculatum</i> L. | P SIC | Cambria et al. (2023) |
| Aspleniaceae | <i>Asplenium trichomanes</i> L. subsp. <i>pachyrachis</i> (Christ) Lovis & Reichst. | P PIE, P UMB, P MAR | Barbadoro and Marchetti (2022), Bernardello et al. (2022) |
| Fabaceae | <i>Astragalus exscapus</i> L. subsp. <i>exscapus</i> | P UMB | Conti et al. (2023a) |
| Gentianaceae | <i>Blackstonia perfoliata</i> (L.) Huds. subsp. <i>intermedia</i> (Ten.) Zeltner | P ABR | Conti et al. (2023a) |
| Araceae | <i>Biarum tenuifolium</i> (L.) Schott subsp. <i>tenuifolium</i> | P A NAT LOM | Leoni (2022) |
| Poaceae | <i>Bromopsis condensata</i> (Hack.) Holub subsp. <i>condensata</i> | P TAA, P VEN, NP LOM, NP FVG | Poldini et al. (2001), Bartolucci et al. (2016), Argenti et al. (2019), Prosser et al. (2019); E. Banfi, pers. comm. |
| Poaceae | <i>Bromopsis condensata</i> (Hack.) Holub subsp. <i>microtricha</i> (Borbás) Jogan & Bačić | T ITA; NP TAA, NP VEN | Bartolucci et al. (2016), Pignatti et al. (2017); E. Banfi, pers. comm. |
| Poaceae | <i>Bromopsis stenophylla</i> (Link) Lazzari | P PIE | Soldano and Badino (1989) |
| Apiaceae | <i>Bupleurum falcatum</i> L. subsp. <i>falcatum</i> | NP TOS | Arrigoni (2021) |
| Apiaceae | <i>Bupleurum lancifolium</i> Hornem. | P TOS | Peruzzi et al. (2019) |
| Asteraceae | <i>Calendula stellata</i> Cav. | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Calendula tripterocarpa</i> Rupr. | P A CAS ABR | Conti et al. (2023a) |
| Cyperaceae | <i>Carex flacca</i> Schreb. subsp. <i>flacca</i> | P SIC | Cambria et al. (2023) |
| Cyperaceae | <i>Carex vulpina</i> L. | P LAZ | Di Pietro et al. (2022) |
| Dipsacaceae | <i>Cephalaria alpina</i> (L.) Roem. & Schult. | D TOS | Arrigoni (2021) |
| Cornaceae | <i>Cornus mas</i> L. | P SIC | Cambria et al. (2023) |
| Fabaceae | <i>Cytisus villosus</i> Pourr. | P UMB | Conti et al. (2023a) |
| Orchidaceae | <i>Dactylorhiza maculata</i> (L.) Soó subsp. <i>saccifera</i> (Brongn.) Diklić | NP FVG, NP VEN | Giros (2016), Argenti et al. (2019) |
| Orchidaceae | <i>Dactylorhiza romana</i> (Sebast.) Soó subsp. <i>markusii</i> (Tineo) Holub | T ITA | Taxonomically doubtful |
| Caryophyllaceae | <i>Dianthus balbisii</i> Ser. subsp. <i>liburnicus</i> (Bartl.) Pignatti | P TOS | Arrigoni et al. (2007) |
| Elatinaceae | <i>Elatine alsinastrum</i> L. | EX? SIC | Cambria et al. (2022) |
| Elatinaceae | <i>Elatine campylosperma</i> Seub. | P SIC | Cambria et al. (2022) |
| Ephedraceae | <i>Ephedra strongylensis</i> Brullo, C.Brullo, Cambria, Ilardi, Siracusa, Miniss. & Giusso | E, P ITA; P SIC | Brullo et al. (2022a) |
| Brassicaceae | <i>Erucastrum gallicum</i> (Willd.) O.E.Schulz | P A NAT LOM | Villa et al. (2022) |
| Liliaceae | <i>Erythronium dens-canis</i> L. | P UMB | Conti et al. (2023a) |
| Euphorbiaceae | <i>Euphorbia gayi</i> Salis | E ITA | Endemic to Corsica and Sardegna (Heimer and Frajman 2023) |
| Euphorbiaceae | <i>Euphorbia serrata</i> L. | NP VEN | Argenti et al. (2019) |
| Poaceae | <i>Festuca circummediterranea</i> Patzke | P UMB | Misprint in Bartolucci et al. (2018) |
| Poaceae | <i>Festuca jeanpertii</i> (St.-Yves) Markgr.-Dann. subsp. <i>campana</i> (N.Terracc.) Markgr.-Dann. | T ITA | Taxonomically doubtful |
| Ranunculaceae | <i>Ficaria verna</i> Huds. subsp. <i>calthifolia</i> (Rchb.) Nyman | P SAR | Misprint in Bartolucci et al. (2018) |
| Papaveraceae | <i>Fumaria officinalis</i> L. subsp. <i>wirtgenii</i> (W.D.J.Koch) Arcang. | P UMB | Ballelli et al. (2005) |
| Rubiaceae | <i>Galium saxatile</i> L. | D VEN | Argenti et al. (2019) |
| Fabaceae | <i>Genista sagittalis</i> L. | NP VEN | Argenti et al. (2019) |
| Gentianaceae | <i>Gentianella amarella</i> (L.) Börner | NP VEN | Argenti et al. (2019) |
| Iridaceae | <i>Gladiolus illyricus</i> W.D.J.Koch | NP VEN | Argenti et al. (2019) |
| Cistaceae | <i>Helianthemum nummularium</i> (L.) Mill. subsp. <i>glabrum</i> (W.D.J.Koch) Wilczek | NP VEN | Argenti et al. (2019) |
| Cistaceae | <i>Helianthemum nummularium</i> (L.) Mill. subsp. <i>nummularium</i> | NP VEN | Argenti et al. (2019) |
| Poaceae | <i>Helictochloa pratensis</i> (L.) Romero Zarco | NP VEN | Argenti et al. (2019) |
| Apiaceae | <i>Heraclium sphondylium</i> L. subsp. <i>elegans</i> (Crantz) Schübl. & G.Martens | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium bernardii</i> Rouy subsp. <i>gallurensis</i> (Arrigoni) Greuter | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium bifidum</i> Kit. ex Hornem. subsp. <i>oreites</i> (Arv.-Touv.) Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium caesioides</i> Arv.-Touv. | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium caesium</i> (Fr.) Fr. | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |

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| Asteraceae | <i>Hieracium chlorifolium</i> Arv.-Touv. | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium chloropsis</i> Gren. & Godr. subsp. <i>gnaphalodes</i> (Nägeli & Peter) Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium chondrillifolium</i> Fr. subsp. <i>megalocladum</i> (Nägeli & Peter) Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium cornuscalae</i> Gottschl. | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium dentatum</i> Hoppe subsp. <i>erigerontinum</i> (Arv.-Touv.) Zahn | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium glanduliferum</i> Hoppe subsp. <i>piliferum</i> Hoppe ex Nägeli & Peter | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium glaucinum</i> Jord. subsp. <i>ovalifolium</i> (Jord.) Soó | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium hypochoeroides</i> S.Gibson | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium hypochoeroides</i> S.Gibson subsp. <i>bridelianum</i> (Zahn) Greuter | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium jordanii</i> Arv.-Touv. | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium murorum</i> L. subsp. <i>gentile</i> (Jord. ex Boreau) Sudre | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium murorum</i> L. subsp. <i>samnaunicum</i> (Zahn) Gottschl. | NP TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium oxyodon</i> Fr. subsp. <i>inclinatum</i> (Arv.-Touv.) Zahn | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium pallescens</i> Waldst. & Kit. subsp. <i>incisum</i> (Hoppe) Greuter | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium pictum</i> Pers. | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium prenanthoides</i> Vill. subsp. <i>transalpinum</i> (Arv.-Touv.) Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium pseudocerinthe</i> (Gaudin) W.D.J.Koch | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium racemosum</i> Waldst. & Kit. ex Willd. subsp. <i>alimatifolium</i> (Posp.) Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium racemosum</i> Waldst. & Kit. ex Willd. subsp. <i>barbatum</i> (Tausch ex Froel.) Zahn | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium sabaudum</i> L. subsp. <i>boreale</i> (Fr.) Hayek | NP ITA; NP TOS | Arrigoni (2021) |
| Asteraceae | <i>Hieracium schmidtii</i> Tausch subsp. <i>rupicola</i> Fr. ex Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Hieracium tomentosum</i> L. subsp. <i>liotardii</i> (Vill.) Zahn | D TOS | Recorded by Arrigoni (2021), but considered as doubtfully occurring based on a critical evaluation of taxonomic and regional reviewers. |
| Brassicaceae | <i>Hornungia alpina</i> (L.) O.Appel subsp. <i>alpina</i> | NP VEN | Argenti et al. (2019) |
| Juncaceae | <i>Juncus acutiflorus</i> Ehrh. ex Hoffm. | NP VEN | Argenti et al. (2019) |

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| Juncaceae | <i>Juncus bulbosus</i> L. | NP VEN | Argenti et al. (2019) |
| Juncaceae | <i>Juncus foliosus</i> Desf. | P SIC | Cambria et al. (2023) |
| Juncaceae | <i>Juncus tenageia</i> L.f. | NC VEN | Argenti et al. (2019) |
| Dipsacaceae | <i>Knautia calycina</i> (C.Presl) Guss. | P TOS | Ehrendorfer (1962), Arrigoni (2021) |
| Dipsacaceae | <i>Knautia longifolia</i> (Waldst. & Kit.) W.D.J.Koch | NP TOS | Arrigoni (2021) |
| Poaceae | <i>Koeleria splendens</i> C.Presl | P SAR | Misprint in Bartolucci et al. (2018) |
| Fabaceae | <i>Lathyrus angulatus</i> L. | NC VEN | Argenti et al. (2019) |
| Fabaceae | <i>Lathyrus ochrus</i> (L.) DC. | P A CAS VEN | This species is not native to VEN (Argenti et al. 2019) |
| Asteraceae | <i>Leontodon rosanoi</i> (Ten.) DC. | NP VEN | Argenti et al. (2019) |
| Brassicaceae | <i>Lepidium latifolium</i> L. | P A CAS VEN | Argenti et al. (2019) |
| Plumbaginaceae | <i>Limonium awei</i> (De Not.) Brullo & Erben | P SIC | Cambria et al. (2023) |
| Poaceae | <i>Lolium apenninum</i> (De Not.) Ardenghi & Foggi | P LAZ | Di Pietro et al. (2022) |
| Poaceae | <i>Lolium rigidum</i> Gaudin subsp. <i>lepturoides</i> (Boiss.) Sennen & Mauricio | P SAR | Misprint in Bartolucci et al. (2018) |
| Primulaceae | <i>Lysimachia arvensis</i> (L.) U.Manns & Anderb. | P SAR | Jiménez-López et al. (2022) |
| Primulaceae | <i>Lysimachia collina</i> (Schousb.) F.J.Jiménez | P ITA; P SAR | Jiménez-López et al. (2022) |
| Malvaceae | <i>Malva pusilla</i> Sm. | NP TOS | Erroneously reported by Garbari and Borzatti von Lewenstern (2005) |
| Fabaceae | <i>Medicago littoralis</i> Rohde ex Loisel. | P A CAS LOM | Villa et al. (2022) |
| Orobanchaceae | <i>Melampyrum nemorosum</i> L. | P UMB | Ballelli et al. (2005) |
| Lamiaceae | <i>Mentha longifolia</i> (L.) L. | P SIC | Cambria et al. (2023) |
| Boraginaceae | <i>Myosotis discolor</i> Pers. | D VEN | Argenti et al. (2019) |
| Hydrocharitaceae | <i>Najas minor</i> All. | P SIC | Cambria et al. (2023) |
| Amaryllidaceae | <i>Narcissus tazetta</i> L. subsp. <i>italicus</i> (Ker Gawl.) Baker | D VEN | Argenti et al. (2019) |
| Boraginaceae | <i>Onosma echioides</i> (L.) L. subsp. <i>angustifolia</i> (Lehm.) Peruzzi & N.G.Passal. | P LAZ | Di Pietro et al. (2022) |
| Orchidaceae | <i>Ophrys bertolonii</i> Moretti subsp. <i>saratoi</i> (E.G.Camus) Soca | NP TOS | Reported by mistake in Baldini (1995) |
| Orchidaceae | <i>Ophrys holosericea</i> (Burm.f.) Greuter subsp. <i>lorenae</i> (E.De Martino & Centur.) Kreutz | P VEN | Griebel and Presser (2021) |
| Orchidaceae | <i>Ophrys pollinensis</i> E.Nelson ex Devillers-Tersch. & Devillers | P BAS | Giros (2016) |
| Orchidaceae | <i>Ophrys pollinensis</i> E.Nelson ex Devillers-Tersch. & Devillers | P BAS | Griebel and Presser (2021) |
| Orchidaceae | <i>Orchis patens</i> Desf. subsp. <i>brevicornis</i> (Viv.) K.Richt. | E ITA; P LIG | Calevo et al. (2023) |
| Orchidaceae | <i>Orchis simia</i> Lam. | D SIC | Künkele and Lorenz (1995). This record is based on a single herbarium sample (Dintorni di Taormina, 10.4.1962, <i>Vöth W. 31440</i> , WU0150221). No longer found in the wild. It could be a swap of labels on herbarium specimens (G. Domina, pers. comm.). |
| Fabaceae | <i>Ornithopus compressus</i> L. | P A CAS VEN | This species is not native to VEN (Argenti et al. 2019) |
| Orobanchaceae | <i>Orobanche australis</i> Moris ex Bertol. | NC CAM, P SIC | Domina et al. (2022) |
| Amaranthaceae | <i>Oxybasis chenopodioides</i> (L.) S.Fuentes, Uotila & Borsch | P SIC | Cambria et al. (2023) |
| Plantaginaceae | <i>Paederota bonarota</i> (L.) L. | NP TOS | Misprint in Bartolucci et al. (2018) |
| Polygonaceae | <i>Persicaria lapathifolia</i> (L.) Delarbre subsp. <i>lapathifolia</i> | P SIC | Misprint in Bartolucci et al. (2018) |
| Polygonaceae | <i>Persicaria lapathifolia</i> (L.) Delarbre subsp. <i>lapathifolia</i> | P LAZ | Misprint in Bartolucci et al. (2018) |
| Asteraceae | <i>Petasites pyrenaicus</i> (L.) G.López | P C ABR | Conti et al. (2023a) |
| Crassulaceae | <i>Petrosedum ochroleucum</i> (Chaix) Niederle subsp. <i>mediterraneum</i> (L.Gallo) Niederle | E ITA | Gallo (2022) |
| Asteraceae | <i>Pilosella faurei</i> Arv.-Touv. | D TOS | Reported as present by Arrigoni (2021) but considered as doubtful record based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Pilosella hypoleuca</i> Arv.-Touv. | D TOS | Reported as present by Arrigoni (2021) but considered as doubtful record based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Pilosella longisquama</i> (Peter) Holub | D TOS | Reported as present by Arrigoni (2021) but considered as doubtful record based on a critical evaluation of taxonomic and regional reviewers. |
| Asteraceae | <i>Pilosella peleteriana</i> (Mérat) F.W.Schultz & | D TOS | Reported as present by Arrigoni (2021) |

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| | Sch.Bip. | | but considered as doubtful record based on a critical evaluation of taxonomic and regional reviewers. |
| Apiaceae | <i>Pimpinella saxifraga</i> L. subsp. <i>nigra</i> (Mill.) Ces. | P TOS | Arrigoni (2021) |
| Plantaginaceae | <i>Plantago bellardii</i> All. subsp. <i>deflexa</i> (Pilg.) Rech.f. | P CAL | Brullo et al. (2001) |
| Orchidaceae | <i>Platanthera chlorantha</i> (Custer) Rchb. | NP SAR | Misprint in Bartolucci et al. (2018) |
| Polygalaceae | <i>Polygala amara</i> L. subsp. <i>brachyptera</i> (Chodat) Hayek | NP TOS | Misprint in Bartolucci et al. (2018) |
| Salicaceae | <i>Populus nigra</i> L. subsp. <i>neapolitana</i> (Ten.) Maire | P LAZ | Conti and Giacanelli (2023) |
| Fagaceae | <i>Quercus suber</i> L. | P A CAS PIE | Gariboldi (2022) |
| Apiaceae | <i>Rhizomatophora aegopodioides</i> (Boiss.) Pimenov | P ITA; P CAL | Pennesi et al. (2023) |
| Iridaceae | <i>Romulea columnae</i> Sebast. & Mauri | P A CAS VEN | This species is not native to VEN (Argenti et al. 2019) |
| Rosaceae | <i>Rubus festii</i> H.E.Weber | P VEN | Argenti et al. (2019) |
| Rosaceae | <i>Rubus nessensis</i> Hall | P VEN | Argenti et al. (2019) |
| Rosaceae | <i>Rubus vestitus</i> Weihe | P LOM | Villa et al. (2022) |
| Polygonaceae | <i>Rumex pulcher</i> L. subsp. <i>pulcher</i> | P LIG | Misprint in Bartolucci et al. (2018) |
| Caryophyllaceae | <i>Sagina maritima</i> Don | P VEN | Argenti et al. (2019) |
| Apiaceae | <i>Scandix australis</i> L. | D TOS | Arrigoni (2021) |
| Crassulaceae | <i>Sedum glandulosum</i> Moris | E? ITA | Gallo (2022) |
| Crassulaceae | <i>Sedum magellense</i> Ten. subsp. <i>magellense</i> | E ITA | Gallo (2022) |
| Campanulaceae | <i>Solenopsis bacchettae</i> Brullo, C.Brullo, Tavilla, Siracusa & Cambria | E, P ITA; P SAR | Brullo et al. (2022b) |
| Campanulaceae | <i>Solenopsis bivonae</i> (Tineo) M.B.Crespo, Serra & Juan | NP SAR | Brullo et al. (2022b) |
| Campanulaceae | <i>Solenopsis minuta</i> (L.) C.Presl | NP SAR | Brullo et al. (2022b) |
| Rosaceae | <i>Spiraea decumbens</i> W.D.J.Koch subsp. <i>tomentosa</i> (Poech) Dostál | E ITA | Recorded in Slovenia by Dakskobler (2023) |
| Rosaceae | <i>Spiraea hypericifolia</i> L. subsp. <i>hypericifolia</i> | P ITA; NC UMB, P ABR | Conti and Bartolucci (2023) |
| Asteraceae | <i>Taraxacum acroscopidatum</i> Sonck | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum aganophytum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum albulense</i> Soest | P TOS | Arrigoni (2021) as <i>T. violaceifrons</i> Trávn.) |
| Asteraceae | <i>Taraxacum amplexum</i> Sonck | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum apenninum</i> (Ten.) DC. | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum aperavtum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum atosquamatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum atroviride</i> Štěpánek & Trávn. | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum aurantellum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum aureocucullatum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum aurosuloides</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum bidentilobum</i> Sonck | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum brakelii</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum caudatuliforme</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum cerbaiense</i> Arrigoni | E, P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum ciliare</i> Soest | NC LIG, NC TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum cinereum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum cristatum</i> Kirschner, Štěpánek & Vašut | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum cucullatum</i> Dahlst. | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum dentilobum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum dunensiforme</i> Sonck | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum epirense</i> Soest | NP ITA; NP TAA, NP VEN, NP SIC | Štěpánek and Kirschner (2023) |
| Asteraceae | <i>Taraxacum epirense</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum fontanosquameum</i> Soest | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum grootii</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum grossum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum heterophylloides</i> G.E.Haglund & Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum korbii</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum krameriense</i> Sahlin | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum lacistophyllum</i> (Dahlst.) Raunk. | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum leptodon</i> Markl. | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum leucopodioides</i> G.E.Haglund & Soest | P ITA; P TOS | Arrigoni (2021) |

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| Asteraceae | <i>Taraxacum luteolum</i> G.E.Haglund | D ITA; D TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum magnodilatatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum magnolevigatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum magnoligulatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum magnopyramidophorum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum maricum</i> Vašut, Kirschner & Štěpánek | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum megalocarpum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum meiseliae</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum mimuloides</i> H.Lindb. | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum moldavicum</i> V.Chán, H.Øllg., Štěpánek, Trávn. & Žila | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum multidentatum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum multidenticulatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum multilaciniatum</i> Arrigoni | E, P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum nitidiorum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum oblongatum</i> Dahlst. | P ITA; P TOS | Arrigoni (2021 as <i>T. pseudoleptodon</i> Soest) |
| Asteraceae | <i>Taraxacum obovatum</i> (Willd.) DC. | NP TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum ooststroomii</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum oreinicola</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum pallidissimum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum palustre</i> (Lyons) Symons | NP ITA; NP TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum paradoxachrum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum parnassicum</i> Dahlst. | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum paucidentatiforme</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum pedemontanum</i> Soest | D TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum perincisum</i> (Rigo ex Murr) Murr | D TOS | Arrigoni (2021 as <i>T. obliquum</i>) |
| Asteraceae | <i>Taraxacum piluliferum</i> G.E.Haglund | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum prati-lucense</i> Arrigoni | E, P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum pseudelongatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum pseudoboreigenum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum pseudodilatatum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum rhaeticum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum rigidipes</i> Sonck | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum roseocarpum</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum silvicola</i> Soest | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum squamulosum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum stephanocephalum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum tarraconense</i> Sennen | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum tenuiceps</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum thracicum</i> Soest | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum tirolense</i> Dahlst. | P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum udum</i> Jord. | NP ITA; NP VEN, NP TOS, NP ABR | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum urbicola</i> Kirschner, Štěpánek & Trávn. | P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum versilianum</i> Arrigoni | E, P ITA; P TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum vulgare</i> Schrank | NP ITA; NP TOS | Arrigoni (2021) |
| Asteraceae | <i>Taraxacum xantholigulatum</i> Sonck | P TOS | Arrigoni (2021) |
| Ranunculaceae | <i>Thalictrum foetidum</i> L. | NP TOS | The rerord by Barbero and Bono (1970) should be referred to <i>Thalictrum minus</i> L. subsp. <i>minus</i> |
| Santalaceae | <i>Thesium alpinum</i> L. | P LAZ | Conti et al. (2023a) |
| Lamiaceae | <i>Thymus bracteosus</i> Vis. ex Benth. | D ITA; D FVG | Rottensteiner (2014) |
| Typhaceae | <i>Typha domingensis</i> (Pers.) Steud. | P LAZ | Di Pietro et al. (2022) |
| Typhaceae | <i>Typha laxmannii</i> Lepech. | P LAZ | Di Pietro et al. (2022) |
| Lentibulariaceae | <i>Utricularia bremii</i> Heer ex Koell. | EX EMR | Tomasi et al. (2022) |
| Fabaceae | <i>Vicia dalmatica</i> A.Kern. | P A CAS VEN | This species is not native to VEN (Argenti et al. 2019) |
| Potamogetonaceae | <i>Zannichellia peltata</i> Bertol. | P LAZ | Di Pietro et al. (2022) |
| Iridaceae | <i>Xiphion junceum</i> (Poir.) Parl. | P SIC | Cambria et al. (2023) |

4. Synonyms, misapplied or included names

| Family | Synonym, misapplied or included name | Accepted name | References/Note |
|---------------|--|---|-----------------|
| Ranunculaceae | ? <i>Ranunculus procerus</i> Moris | <i>Ranunculus pratensis</i> C.Presl | |
| Rosaceae | <i>Alchemilla alpina</i> L. var. <i>debilicaulis</i> (Buser) Buser | <i>Alchemilla debilicaulis</i> (Buser) Buser | |
| Brassicaceae | <i>Alyssum montanum</i> auct. Fl. Ital. p.p. | <i>Alyssum rossetii</i> Španiel, Bovio & K.Kaplan | |

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| Brassicaceae | <i>Alyssum montanum</i> auct. Fl. Ital. p.p. | <i>Alyssum cognense</i> Španiel, K.Kaplan, Juillerat & Bäumler | |
| Campanulaceae | <i>Campanula bellardii</i> All. | <i>Campanula cochleariifolia</i> Lam. | |
| Campanulaceae | <i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (K.Koch) Fed., comb. inval. | <i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (Velen.) Fed. ex Greuter & Burdet | |
| Campanulaceae | <i>Campanula persicifolia</i> L. var. <i>sessiliflora</i> Velen. | <i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (Velen.) Fed. ex Greuter & Burdet | |
| Campanulaceae | <i>Campanula sessiliflora</i> K.Koch, non L.f., nom. illeg. | <i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (Velen.) Fed. ex Greuter & Burdet | |
| Iridaceae | <i>Chamaeiris sintenisii</i> (Janka) M.B.Crespo subsp. <i>lorea</i> (Janka) Crespo | <i>Chamaeiris collina</i> (N.Terracc.) Del Guacchio | Boltenkov and Del Guacchio (2022) |
| Asteraceae | <i>Chrysanthemum montanum</i> L. | <i>Leucanthemum heterophyllum</i> (Willd.) DC. | |
| Boraginaceae | <i>Cynoglossum mediterraneum</i> Sutorý | <i>Cynoglossum creticum</i> Mill. | This new species described by Sutorý (2022) is regarded as a tentative synonym of <i>C. creticum</i> Mill. (F. Selvi, pers. comm.) |
| Euphorbiaceae | <i>Euphorbia acuminata</i> Lam. | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia aleppica</i> L. var. <i>condensata</i> (Fisch. ex M.Bieb.) K.Koch | <i>Euphorbia aleppica</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia biglandulosa</i> Desf. | <i>Euphorbia rigida</i> M.Bieb. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia chamaesyce</i> L. subsp. <i>canescens</i> (L.) Prokh. Geltman | <i>Euphorbia chamaesyce</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia condensata</i> Fisch. ex M.Bieb. | <i>Euphorbia aleppica</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia densifolia</i> K.Koch | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia falcata</i> L. subsp. <i>macrostegia</i> (Bornm.) O.Schwartz | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia falcata</i> L. var. <i>acuminata</i> (Lam.) St.-Amans | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia falcata</i> L. var. <i>ecornuta</i> Boiss. | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia falcata</i> L. var. <i>galilaea</i> (Boiss.) Boiss. | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia falcata</i> L. var. <i>macrostegia</i> Bornm. | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia firma</i> Ledeb. | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia galilaea</i> Boiss. | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia gayi</i> Salis | <i>Tithymalus gayi</i> (Salis) Klotzsch & Garcke | |
| Euphorbiaceae | <i>Euphorbia gerardiana</i> Jacq. | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia gerardiana</i> Jacq. var. <i>firma</i> (Ledeb.) Boiss. | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia gerardiana</i> Jacq. var. <i>hohenackeri</i> Boiss. | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia graeca</i> Boiss. & Spruner | <i>Euphorbia taurinensis</i> All. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia micrantha</i> Stephan ex Willd. | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia myrsinites</i> L. subsp. <i>pontica</i> (Prokh.) R.Turner | <i>Euphorbia myrsinites</i> L. subsp. <i>myrsinites</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia pectinata</i> Albov | <i>Euphorbia myrsinites</i> L. subsp. <i>myrsinites</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia platyphyllos</i> L. var. <i>serrulata</i> (Thuill.) Pers. | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia platyphyllos</i> L. var. <i>stricta</i> (L.) Fiori | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia pontica</i> Prokh. | <i>Euphorbia myrsinites</i> L. subsp. <i>myrsinites</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia seguieriana</i> Neck. subsp. <i>hohenackeri</i> (Boiss.) Rech.f. | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia seguieriana</i> Neck. var. <i>firma</i> (Ledeb.) Oudejans | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia seguieriana</i> Neck. var. <i>gerardiana</i> (Jacq.) Fiori | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia stricta</i> L. subsp. <i>micrantha</i> (Stephan ex Willd.) Nyman | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia sylvatica</i> L. | <i>Euphorbia amygdaloides</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Euphorbia verrucosa</i> auct. p.p. non L. | <i>Euphorbia hirsuta</i> L. | Geltman (2020) |
| Gentianaceae | <i>Gentiana amarella</i> L. var. <i>grandiflora</i> f. <i>acutifolia</i> Neilr. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana anisodonta</i> Borbás var. <i>glabrescens</i> Hayek | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. [unranked] <i>castanetorum</i> (Borbás) Jáv. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. subsp. <i>neilreichii</i> (Dörf. & Wettst.) Wettst. ex Hayek | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>brachyodonta</i> Waisb. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>castanetorum</i> (Borbás) Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>montana</i> Wiesb. ex Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |

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| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>montana</i> Wiesb. ex Wettst. f. <i>humilis</i> Waisb. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>montana</i> Wiesb. ex Wettst. f. <i>prolificata</i> Waisb. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>paludosa</i> Wiesb. ex Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana austriaca</i> A.Kern. & Jos.Kern. var. <i>praeiflorens</i> Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana castanetorum</i> (Borbás) Borbás | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. [unranked] <i>albiflora</i> Schur, nom. nud. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. f. <i>stiriaca</i> (Wettst.) Braun-Blanq. p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. subsp. <i>austriaca</i> (A.Kern. & Jos.Kern.) Hayek | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. subsp. <i>austriaca</i> (A.Kern. & Jos.Kern.) Hayek var. <i>neilreichii</i> (Dörfel. & Wettst.) Hayek | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. subsp. <i>kernerii</i> (Dörfel. & Wettst.) Schinz & Thell. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. subsp. <i>rhaetica</i> (A.Kern. & Jos.Kern.) Braun-Blanq. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. subsp. <i>solstitialis</i> (Wettst.) Vollm. p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. var. <i>austriaca</i> (A.Kern. & Jos.Kern.) Beck | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana germanica</i> Willd. var. <i>solstitialis</i> (Wettst.) Krist p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana kernerii</i> Dörfel. & Wettst. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana kernerii</i> Dörfel. & Wettst. f. <i>mixta</i> Nevole | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana neilreichii</i> Dörfel. & Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana polymorpha</i> Wettst. p.p., nom. illeg. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana polymorpha</i> Wettst. p.p., nom. illeg. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana polymorpha</i> Wettst. subsp. <i>austriaca</i> (A.Kern. & Jos.Kern.) Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana polymorpha</i> Wettst. subsp. <i>rhaetica</i> (A.Kern. & Jos.Kern.) Wettst. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana praeiflorens</i> (Wettst.) Wettst. | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana rhaetica</i> A.Kern. & Jos.Kern. f. <i>stiriaca</i> (Wettst.) Wettst. p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana rhaetica</i> A.Kern. & Jos.Kern. subsp. <i>kernerii</i> (Dörfel. & Wettst.) Wettst. ex Hayek | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana rhaetica</i> A.Kern. & Jos.Kern. subsp. <i>kernerii</i> (Dörfel. & Wettst.) Wettst. ex Hayek var. <i>mixta</i> (Nevole) Hayek | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana rhaetica</i> A.Kern. & Jos.Kern. subsp. <i>kernerii</i> (Dörfel. & Wettst.) Wettst. ex Hayek var. <i>calicola</i> Hayek | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana rhaetica</i> A.Kern. & Jos.Kern. subsp. <i>solstitialis</i> (Wettst.) Wettst. ex Hayek p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana rhaetica</i> A.Kern. & Jos.Kern. var. <i>stiriaca</i> (Wettst.) Hayek p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana solstitialis</i> Wettst. p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana stiriaca</i> Wettst. p.p. | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Gentianaceae | <i>Gentiana stiriaca</i> Wettst. var. <i>castanetorum</i> Borbás | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub subsp. <i>neilreichii</i> (Dörfel. & Wettst.) Holub | <i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub | Reich et al. (2021) |
| Gentianaceae | <i>Gentianella germanica</i> (Willd.) Börner subsp. <i>rhaetica</i> (A.Kern. & Jos.Kern.) Holub | <i>Gentianella rhaetica</i> (A.Kern. & Jos.Kern.) Á.Löve & D.Löve | Reich et al. (2021) |
| Amaryllidaceae | <i>Hermione aurea</i> (Haw.) Jord. & Fourr. | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Amaryllidaceae | <i>Hermione multiflora</i> Haw. | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Amaryllidaceae | <i>Hermione multiflora</i> Haw. var. <i>aurea</i> Haw. | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Asteraceae | <i>Hieracium amideii</i> (Gottschl., Gonnelli & Zoccola) Arrigoni | <i>Hieracium racemosum</i> Waldst. & Kit. ex Willd. subsp. <i>amideii</i> Gottschl., Gonnelli & Zoccola | |

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| Asteraceae | <i>Hieracium apuanorum</i> (Gottschl.) Arrigoni | <i>Hieracium chloropsis</i> Gren. & Godr. subsp. <i>apuanorum</i> Gottschl. | |
| Asteraceae | <i>Hieracium comigerum</i> Prain | <i>Hieracium pilosum</i> Schleich. ex Froel. subsp. <i>comatulum</i> (Nägeli & Peter) Gottschl. | |
| Asteraceae | <i>Hieracium falsobifidum</i> (Gottschl.) Arrigoni | <i>Hieracium picenorum</i> Gottschl. subsp. <i>falsobifidum</i> Gottschl. | |
| Asteraceae | <i>Hieracium italianum</i> Arrigoni & Nardi | <i>Hieracium racemosum</i> Waldst. & Kit. ex Willd. subsp. <i>italicum</i> Fr. ex Zahn | |
| Asteraceae | <i>Hieracium marchettii</i> (Gottschl.) Arrigoni | <i>Hieracium schmidtii</i> Tausch subsp. <i>marchettii</i> Gottschl. | |
| Asteraceae | <i>Hieracium mutinense</i> (Zahn) Arrigoni | <i>Hieracium lachenalii</i> Suter subsp. <i>mutinense</i> (Zahn) Zahn | |
| Asteraceae | <i>Hieracium neorupicola</i> P.D.Sell & C.West | <i>Hieracium schmidtii</i> Tausch subsp. <i>rupicola</i> Fr. ex Zahn | |
| Asteraceae | <i>Hieracium pseudonaegelianum</i> (Gottschl.) Arrigoni | <i>Hieracium orodoxum</i> Gottschl. subsp. <i>pseudonaegelianum</i> Gottschl. | |
| Asteraceae | <i>Hieracium serenaiae</i> (Gottschl.) Arrigoni | <i>Hieracium glaucum</i> All. subsp. <i>serenaiae</i> Gottschl. | |
| Asteraceae | <i>Hieracium soldanoi</i> (Gottschl.) Arrigoni | <i>Hieracium montis-florum</i> Gottschl. subsp. <i>soldanoi</i> Gottschl. | |
| Asteraceae | <i>Hieracium transalpinum</i> Arv.-Touv. | <i>Hieracium prenanthoides</i> Vill. subsp. <i>transalpinum</i> (Arv.-Touv.) Zahn | |
| Asteraceae | <i>Hieracium trivivola</i> (Gottschl.) Arrigoni | <i>Hieracium bupleuroides</i> C.C.Gmel. subsp. <i>trivivola</i> Gottschl. | |
| Asteraceae | <i>Hieracium xanthostylophorum</i> (Furrer & Zahn) Arrigoni | <i>Hieracium dentatum</i> Hoppe subsp. <i>xanthostylophorum</i> Furrer & Zahn | |
| Iridaceae | <i>Iris foetidissima</i> L. subsp. <i>lorea</i> (Janka) K.Richt. | <i>Chamaeiris collina</i> (N.Terracc.) Del Guacchio | Boltenkov and Del Guacchio (2022) |
| Iridaceae | <i>Iris foetidissima</i> L. var. <i>lorea</i> (Janka) Fiori | <i>Chamaeiris collina</i> (N.Terracc.) Del Guacchio | Boltenkov and Del Guacchio (2022) |
| Iridaceae | <i>Iris graminea</i> L. var. <i>collina</i> (N.Terracc.) Fiori | <i>Chamaeiris collina</i> (N.Terracc.) Del Guacchio | Boltenkov and Del Guacchio (2022) |
| Asteraceae | <i>Lapsana rhagadiolus</i> L. | <i>Rhagadiolus stellatus</i> (L.) Gaertn. | Ferrer-Gallego and Talavera (2023) |
| Campanulaceae | <i>Laurentia tenella</i> Moris, nom. illeg. | <i>Solenopsis bacchettae</i> Brullo, C.Brullo, Tavilla, Siracusa & Cambria | Brullo et al. (2022a) |
| Asteraceae | <i>Leucanthemum lobulatum</i> Levier ex Levier & Sommier | <i>Leucanthemum coronopifolium</i> Vill. subsp. <i>ceratophylloides</i> (All.) Vogt & Greuter | |
| Asteraceae | <i>Leucanthemum montanum</i> (L.) DC. | <i>Leucanthemum heterophyllum</i> (Willd.) DC. | |
| Amaryllidaceae | <i>Narcissus aureus</i> (Haw.) Loisel., nom. illeg. | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Amaryllidaceae | <i>Narcissus aureus</i> (Haw.) Loisel. var. <i>cupularis</i> (Bertol. ex Schult. & Schult.f.) Nyman | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Amaryllidaceae | <i>Narcissus cupularis</i> Bertol. ex Schult. & Schult.f. | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Amaryllidaceae | <i>Narcissus tazetta</i> L. subsp. <i>cupularis</i> (Bertol. ex Schult. & Schult.f.) Baker | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Amaryllidaceae | <i>Narcissus tazetta</i> L. var. <i>aureus</i> (Haw.) Baker | <i>Narcissus tazetta</i> L. subsp. <i>aureus</i> (Haw.) Baker | |
| Poaceae | <i>Oloptum miliaceum</i> (L.) Röser & H.R.Hamasha subsp. <i>thomasi</i> (Duby) P.P.Ferrer, R.Roselló, E.Laguna & J.B.Peris | <i>Oloptum thomasi</i> (Duby) Banfi & Galasso | |
| Orchidaceae | <i>Platanthera chlorantha</i> auct. Fl. Ital. p.p. | <i>Platanthera algeriensis</i> Batt. & Trab. | |
| Campanulaceae | <i>Solenopsis bivonae</i> auct. Fl. Sar. | <i>Solenopsis bacchettae</i> Brullo, C.Brullo, Tavilla, Siracusa & Cambria | Brullo et al. (2022a) |
| Campanulaceae | <i>Solenopsis laurentia</i> (L.) C.Presl subsp. <i>hyblaea</i> Brullo, C. Brullo, Sciandr., Tavilla & Miniss. | <i>Solenopsis laurentia</i> (L.) C.Presl | This new subspecies described by Brullo et al. (2023) is tentatively included within the variability of the species. |
| Campanulaceae | <i>Solenopsis minuta</i> (L.) C.Presl subsp. <i>minuta sensu</i> Arrigoni | <i>Solenopsis bacchettae</i> Brullo, C.Brullo, Tavilla, Siracusa & Cambria | Brullo et al. (2022a) |
| Asteraceae | <i>Taraxacum pseudoleptodon</i> Soest | <i>Taraxacum oblongatum</i> Dahlst. | |
| Asteraceae | <i>Taraxacum violaceifrons</i> Trávn. | <i>Taraxacum albulense</i> Soest | Tison and de Foucault (2014) |
| Euphorbiaceae | <i>Tithymalus aleppicus</i> (L.) Klotzsch & Garcke | <i>Euphorbia aleppica</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus biglandulosus</i> (Desf.) Haw. | <i>Euphorbia rigida</i> M.Bieb. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus exiguus</i> (L.) Hill | <i>Euphorbia exigua</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus falcatus</i> (L.) Klotzsch & Garcke subsp. <i>acuminatus</i> (Lam.) Soják | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus falcatus</i> (L.) Klotzsch & Garcke subsp. <i>macrostegius</i> (Bornm.) Soják | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus firmus</i> (Ledeb.) Klotzsch & Garcke | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus galilaeus</i> (Boiss.) Klotzsch & Garcke | <i>Euphorbia falcata</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus gerardianus</i> (Jacq.) Steud. | <i>Euphorbia seguieriana</i> Neck. subsp. <i>seguieriana</i> | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus graecus</i> (Boiss. & Spruner) Klotzsch | <i>Euphorbia taurinensis</i> All. | Geltman (2020) |

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| | & Garcke | | |
| Euphorbiaceae | <i>Tithymalus helioscopius</i> (L.) Hill | <i>Euphorbia helioscopia</i> L. subsp. <i>helioscopia</i> | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus lucidus</i> (Waldst. & Kit.) Klotzsch & Garcke | <i>Euphorbia lucida</i> Waldst. & Kit. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus micranthus</i> (Stephan ex Willd.) Raf. | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus myrsinites</i> (L.) Hill | <i>Euphorbia myrsinites</i> L. subsp. <i>myrsinites</i> | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus paralias</i> (L.) Hill | <i>Euphorbia paralias</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus platyphyllos</i> (L.) Hill | <i>Euphorbia platyphyllos</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus ponticus</i> Prokh., nom. inval. | <i>Euphorbia myrsinites</i> L. subsp. <i>myrsinites</i> | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus pubescens</i> (Vahl) Samp. | <i>Euphorbia hirsuta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus rigidus</i> (M.Bieb.) Soják | <i>Euphorbia rigida</i> M.Bieb. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus serrulatus</i> (Thuill.) Holub | <i>Euphorbia stricta</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus sylvaticus</i> (L.) Hill | <i>Euphorbia amygdaloides</i> L. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus taurinensis</i> (All.) Klotzsch & Garcke | <i>Euphorbia taurinensis</i> All. | Geltman (2020) |
| Euphorbiaceae | <i>Tithymalus terracinus</i> (L.) Klotzsch & Garcke | <i>Euphorbia terracina</i> L. | Geltman (2020) |
| Apiaceae | <i>Torilis pseudonodosa</i> Bianca | <i>Torilis nodosa</i> (L.) Gaertn. subsp. <i>webbii</i> (Jury) Kerguelen | |
| Vitaceae | <i>Vitis vinifera</i> L. var. <i>sylvestris</i> Willd. | <i>Vitis vinifera</i> L. | |
| Iridaceae | <i>Xiphion gramineum</i> Schrank subsp. <i>loreum</i> (Janka) Arcang. | <i>Chamaeiris collina</i> (N.Terracc.) Del Guacchio | Boltenkov and Del Guacchio (2022) |

References

- Aedo C (2013) *Allium* L. In: Rico E, Crespo MB, Quintanar A, Herrero A, Aedo C (Eds) Flora Iberica. Vol. 20. Real Jardín Botánico, CSIC, Madrid, pp. 220–273.
- Argenti C, Masin R, Pellegrini B, Perazza G, Prosser F, Scortegagna S, Tasinazzo S (2019) Flora del Veneto dalle Dolomiti alla laguna veneziana, Vols 1–2. Cierre edizioni, Sommacampagna, Verona.
- Arrigoni PV (2021) Flora analitica della Toscana. Vol. 8(1). Edizioni Polistampa, Firenze.
- Arrigoni PV, Ferretti G, Padula M (2007) La flora della riserva di luoghi naturali di “Orrido di Botri” (Bagni di Lucca, Toscana). *Parlatorea* 9: 7–39.
- Baldini RM (1995) Flora vascolare del Monte Argentario (Arcipelago Toscano). *Webbia* 50(1): 67–191.
- Ballelli S, Lucarini D, Pedrotti F (2005) Catalogo dell’erbario dei Monti Sibillini di Vittorio Marchesoni. *Braun-Blanquetia* 38: 1–260.
- Barbadoro F, Marchetti D (2022) *Asplenium trichomanes* L. subsp. *pachyrachis* (Christ) Lovis et Reichst. (Aspleniaceae, Pteridophyta) nel gruppo del M. Catria (PU, PG), conferma per le Marche e novità per l’Umbria. *Annali del Museo Civico di Rovereto* 38: 77–80.
- Barbero M, Bono G (1970) La végétation sylvatique thermophile de l’étage collinéen des Alpes Apuanes e de l’Apennin ligure. *Lavori della Società Italiana di Biogeografia*, n.s. 1: 148–182.
- Bartolucci F, Peruzzi L, Galasso G, Albano A, Alessandrini A, Ardenghi NMG, Astuti G, Bacchetta G, Ballelli S, Banfi E, Barberis G, Bernardo L, Bouvet D, Bovio M, Cecchi L, Di Pietro R, Domina G, Fascetti S, Fenu G, Festi F, Foggi B, Gallo L, Gottschlich G, Gubellini L, Iamónico D, Iberite M, Jiménez-Mejías P, Lattanzi E, Marchetti D, Martinetto E, Masin RR, Medagli P, Passalacqua NG, Peccenini S, Pennesi R, Pierini B, Poldini L, Prosser F, Raimondo FM, Roma-Marzio F, Rosati L, Santangelo A, Scoppola A, Scortegagna S, Selvaggi A, Selvi F, Soldano A, Stinca A, Wagensommer RP, Wilhalm T, Conti F (2018) An updated checklist of the vascular flora native to Italy. *Plant Biosystems* 152(2): 179–303. <https://doi.org/10.1080/11263504.2017.1419996>
- Bernardello R, Girani A, Marchetti D (2022) *Asplenium trichomanes* L. subsp. *pachyrachis* (Christ) Lovis et Reichst. (Aspleniaceae, Pteridophyta) a Entracque (CN), prima segnalazione sicura per il Piemonte. *Annali del Museo Civico di Rovereto* 38: 73–75.
- Boltenkov EV, Del Guacchio E (2022) Taxonomic notes on *Xiphion collinum* (Iridaceae). *Phytotaxa* 576(1): 113–122. <https://doi.org/10.11646/phytotaxa.576.1.7>
- Brullo S, Brullo C, Cambria S, Ilardi V, Siracusa G, Minissale P, Giusso del Galdo G (2022a) *Ephedra strongylensis* (Ephedraceae), a new species from Aeolian islands (Sicily). *Phytotaxa* 576(3): 250–264. <https://doi.org/10.11646/phytotaxa.576.3.2>

- Brullo S, Brullo C, Cambria S, Minissale P, Sciandrello S, Tavilla G, Siracusa G, Tomaselli V, Giusso del Galdo G (2023) Taxonomical remarks on *Solenopsis laurentia* (Campanulaceae) in Italy. *Phytotaxa* 584(2): 59–88. <http://dx.doi.org/10.11646/phytotaxa.584.2.1>
- Brullo S, Brullo C, Tavilla G, Siracusa G, Cambria S (2022b) *Solenopsis bacchettae* (Campanulaceae, Lobelioideae), a new species from Sardinia. *Nordic Journal of Botany*: e03773. <https://doi.org/10.1111/njb.03773>
- Brullo S, Scelsi F, Spampinato G (2001) La vegetazione dell'Aspromonte. Studio fitosociologico. Laruffa Editore, Reggio Calabria.
- Calevo J, Christenhusz MJM, Fay MF (2023) A taxonomic overview of *Orchis* sect. *Robustocalcare* (Orchidaceae). *Phytotaxa* 592(2): 157–162. <https://doi.org/10.11646/phytotaxa.592.2.10>
- Cambria S, Azzaro D, Caldarella O, Aleo M, Bazan G, Guarino R, Torre G, Cristaudo AE, Ilardi V, La Rosa A, Laface VLA, Luchino F, Mascia F, Minissale P, Sciandrello S, Tosetto L, Tavilla G (2023) New data on native and alien vascular flora of Sicily (Italy): new findings and updates. *Plants* 12: 1743. <https://doi.org/10.3390/plants12091743>
- Cambria S, Brullo S, Brullo C, Ilardi V, Siracusa G, Giusso del Galdo G (2022) Sulla presenza in Sicilia di *Elatine campylosperma* (Elatinaceae), specie critica della flora Mediterranea. *Notiziario Società Botanica Italiana* 6(2): 113–114.
- Conti F, Bartolucci F (2023) Taxonomy and distribution of *Spiraea hypericifolia* in Italy and typification of the name *S. flabellata* (Rosaceae). *Plants* 12(3): 536. <https://doi.org/10.3390/plants12030536>
- Conti F, Falcinelli F, Giacanelli V, Santucci B, Miglio M, Manzi A, Bartolucci F (2023a) New floristic data of vascular plants from central Italy. *Natural History Sciences* 10(1): 51–56. <https://doi.org/10.4081/nhs.2023.636>
- Conti F, Giacanelli V (2023) Contribution to the vascular flora of Ventotene and Santo Stefano islands (Isole Ponziane, Lazio, Italy) with two taxa new to Lazio. *Natural History Sciences* 10(1): 83–86. <https://doi.org/10.4081/nhs.2023.637>
- Conti F, Oberprieler C, Dorfner M, Schabel E, Nicoară R, Bartolucci F (2023b) *Adonis fucensis* (*A.* sect. *Adonanthe*, Ranunculaceae), a new species from the Central Apennines (Italy). *Biology* 12(1): 118. <https://doi.org/10.3390/biology12010118>
- Dakskobler I (2023) *Spiraea decumbens* Koch subsp. *tomentosa* (Poech) Dostál (*Spiraea hacquetii* Fenzl & K. Koch), novelty for the flora of Slovenia and the Dinaric Alps. *Hacquetia* 22(1): 107–116.
- Di Pietro R, Giardini M, Iamónico D, Tondi G, Angeloni D, Carli E, Aleffi M, Azzella MM, Di Pietro F, Proietti E, Ravera S, Fortini P (2022) Floristic and coenological data from the travertine substrates of the SAC “Travertini Acque Albule (Bagni di Tivoli)” (Lazio Region – Central Italy). *Plant Sociology* 59(2): 51–70. <https://doi.org/10.3897/pls2022592/05>
- Domina F, Uhlich H, Barone G (2022) *Orobanche australis* Moris ex Bertol. the correct name for *O. thapsoides* Lojac. (Orobanchaceae). *Phytotaxa* 531(2): 91–96. <https://doi.org/10.11646/phytotaxa.531.2.1>
- Ehrendorfer F (1962) Beitrage zur Phylogenie der Gattung *Knautia* (Dipsacaceae), I. Cytologische Grundlagen und allgemeine Hinweise. *Oesterreichische Botanische Zeitschrift* 109(3): 276–343.
- Ferrer-Gallego PP, Talavera M (2023) *Rhagadiolus edulis* (Cichorieae, Compositae), a replacement name for *Lapsana rhagadiolus* L. or a name of a new taxon? *Phytotaxa* 589(1): 91–96. <https://doi.org/10.11646/phytotaxa.589.1.9>
- Gallo L (2022) Endemic Crassulaceae in the Euro-Mediterranean biogeographical region needing protection. A preliminary checklist for conservation purposes. *Bradleya* 2022(sp40): 83–104. <https://doi.org/10.25223/brad.sp40.2022.a9>
- Garbari F, Borzatti von Loewenstern A (2005) Flora pisana: elenco annotato delle piante vascolari della Provincia di Pisa. *Atti Società Toscana di Scienze naturali, Memorie, Serie B*, 112: 1–125.

- Gariboldi L (2022) Note floristiche interessanti per la Lombardia, e non solo. Secondo contributo. *Pianura* 41: 26–40.
- Geltman DV (2020) A synopsis of *Euphorbia* (Euphorbiaceae) for the Caucasus. *Novitates Systematicae Plantarum Vascularium* 51: 43–78. <https://doi.org/10.31111/novitates/2020.51.43>
- Giros (2016) *Orchidee d'Italia. Guida alle orchidee spontanee*. 2° Ed. Il Castello Editore, Milano.
- Griegl N, Presser H (2021) *Orchideen Europas*. Kosmos, Naturfuhrer, 496 pp.
- Hassler M (2023) World Ferns. Synonymic checklist and distribution of Ferns and Lycophytes of the World. Version 15.2. www.worldplants.de/ferns/ [accessed 23.03.2023]
- Heimer V, Frajman B (2023) Polyploidization was not involved in the origin of five endemic species from southern Europe but is otherwise frequent in *Euphorbia* section *Esula* (Euphorbiaceae). *Botanical Journal of the Linnean Society*: boac040. <https://doi.org/10.1093/botlinnean/boac040>
- Jiménez-López FJ, Viruel J, Arista M, Ortiz PL, Talavera M (2022) Molecular approaches reveal speciation between red and blue flowered plants in the Mediterranean *Lysimachia arvensis* and *Lysimachia monelli* (Primulaceae). *Botanical Journal of the Linnean Society* 199(2): 557–577. <https://doi.org/10.1093/botlinnean/boab081>
- Künkele S, Lorenz R (1995) Zum Stand der Orchideenkartierung in Sizilien. *Jahresberichte des Naturwissenschaftlichen Vereins in Wuppertal* 48: 21–115.
- Milia G, Mossa L (1977) Ricerche floristiche e vegetazionali nell'Isola di S. Antioco (Sardegna meridionale): la flora. *Bollettino della Società Sarda di Scienze Naturali* 16 (1976): 167–213.
- Leoni G (2022) *Biarum tenuifolium* (L.) Schott una nuova specie per la bergamasca e l'Italia settentrionale. *Notiziario Floristico del Gruppo Flora Alpina Bergamasca* 62: 15–16.
- Pennesi R, Cunto E, Ballelli S (2023) First record of *Rhizomatophora aegopodioides* (Apiaceae) in Italy. *Italian Botanist* 15: 65–76. <https://doi.org/10.3897/italianbotanist.15.98538>
- Peruzzi L, Viciani D, Angiolini C, Astuti G, Banfi E, Brandani S, Bonari G, Cambria S, Cannucci S, Castagnini P, D'Antraccoli M, De Giorgi P, Di Natale S, Ferretti G, Fiaschi T, Gonnelli V, Gottschlich G, Lastrucci L, Lazzaro L, Misuri A, Mugnai M, Pierini B, Pinzani L, Roma-Marzio F, Sani A, Selvi F, Spinelli A, Bedini G (2019) Contributi per una flora vascolare di Toscana. XI (664-738). *Atti della Società Toscana di Scienze Naturali, Memorie, Serie B* 126(2019): 35–46. 10.2424/ASTSN.M.2019.03116
- Pignatti S, Guarino R, La Rosa M (2017) *Flora d'Italia* 1, Ed. 2. Edagricole di New Business Media: Milano, Italy, 1064 pp.
- Poldini L, Oriolo G, Vidali M (2001) *La flora vascolare del Friuli Venezia Giulia*. Catalogo annotato ed indice sinonimico. *Studia Geobotanica* 21: 3–227.
- Portal to the Flora of Italy (2023) *Portale della Flora d'Italia/Portal to the Flora of Italy*. 2022.2. <https://dryades.units.it/floritaly/> [Accessed 1.05.2023]
- POWO (2023) *Plants of the World Online*. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet. <http://www.plantsoftheworldonline.org/> [Accessed 14.04.2023]
- Prosser F, Bertolli A, Festi F, Perazza G (2019) *Flora del Trentino*. Ed. Osiride-Fondazione Museo Civico, Rovereto, 1211 pp.
- Reich D, Gutermann W, Prehlsler D, Greimler J (2021) Typification of Kerner names in *Gentiana* sect. *Endotricha* Froel. (currently classified as *Gentianella* Moench, Gentianaceae). *Phytotaxa* 482(1): 1–13. <https://doi.org/10.11646/phytotaxa.482.1.1>
- Rottensteiner WK (Ed.) (2014) *Exkursionsflora für Istrien*. Verlag des Naturwissenschaftlichen Vereins für Kärnten, Klagenfurt.
- Scafidi F, Raimondo FM (2019) Contribution to the vascular flora of the archaeological park of Selinunte and Cave of Cusa (South-Western Sicily, Italy): preliminary results. *Bocconea* 28: 371–390.
- Soldano A, Badino A (1989) *Flora del Monte Fenera (Bassa Val Sesia)* *Rivista Piemontese di Storia Naturale* 10: 93–112.

- Španiel S, Juillerat P, Kaplan K, Bovio M, Bäumler B, Perret M, Mártonfiová L, Zozomová-Lihová L (2022) Out of the Balkans and Anatolia to the Western Alps? Surprising phylogenetic implications for two endemic *Alyssum* (Brassicaceae) species: *A. cognense* sp. nov. and *A. rossetii*. Botanical Journal of the Linnean Society; boac041. <https://doi.org/10.1093/botlinnean/boac041>
- Štěpánek J, Kirschner J (2023) A distinctive group of species allied to *Taraxacum danubium* (T. sect. Erythrosperma, Compositae-Crepidinae): a taxonomic revision. Folia Geobotanica. <https://doi.org/10.1007/s12224-023-09425-6>
- Sutoryý K (2022) Two omitted *Cynoglossum species* (Boraginaceae) from the Mediterranean area. Acta Musei Moraviae, Scientiae Biologicae 107(1–2): 37–47.
- Tison J-M, de Foucault B (2014) Flora Gallica. Flore de France. Biotope Éditions, Mèze.
- Tomasi G, Prosser F, Bertolli A (2022) Aggiornamento alla “Flora del Trentino”, 3: *Utricularia breemii* Heer ex Koell. Annali del Museo Civico di Rovereto 38: 31–38.
- Vaccari L (1909) Plantae italicae criticae. Fasciculus I. Annali di Botanica (Roma) VII(3): 291–320.
- Verlaque R, Hardion L, Lambertini C, Canavan K, Verlaque M, Vila B (2023) New highlights on Old World giant Phragmites (Poaceae) using leaf and floral bract microscopic characters. Aquatic Botany 184: 103591. <https://doi.org/10.1016/j.aquabot.2022.103591>.
- Villa M, Banfi E, Galasso G (2022) Flora vascolare del Parco regionale di Montevecchia e della Valle del Curone (Lombardia, Italia settentrionale). Natura 112(2): 1–64.
- Vogel JC, Rumsey FJ, Schneller JJ, Jacob J (1998) The origin, status and distribution of *Asplenium presolanense* spec. nov. (Aspleniaceae, Pteridophyta). Botanica Helvetica 108: 269–288.