Taxonomické publikácie

Monografia – spracovanie čeľade, rodu alebo inej skupiny, integruje doterajšie výsledky s vlastnými výsledkami autora; zahŕňa úvodné kapitoly (cytologické, chemické, anatomické dáta, rozbor morfologických znakov), za ktorými nasleduje systematický prehľad taxónov, vrátane úplnej synonymiky, detailných opisov, údajov o rozšírení; geograficky pokrýva celý areál taxónu.

Revízia – spracovanie skupiny v obmedzenej časti areálu, úvodné kapitoly sú redukovanejšie, opisy sa sústreďujú skôr na diagnostické znaky, geograficky pokrýva celý areál alebo len jeho časť.

Konspekt – náčrt revízie, zahŕňa prehľad taxónov, s niektorými synonymami, niekedy s diagnózami, stručné údaje o rozšírení (Linného *Species Plantarum*).

Synopsis – prehľad taxónov, niekedy s krátkymi diagnózami.

Flóra – taxonomický prehľad určitého územia.

Riešenia čiastkových problémov.

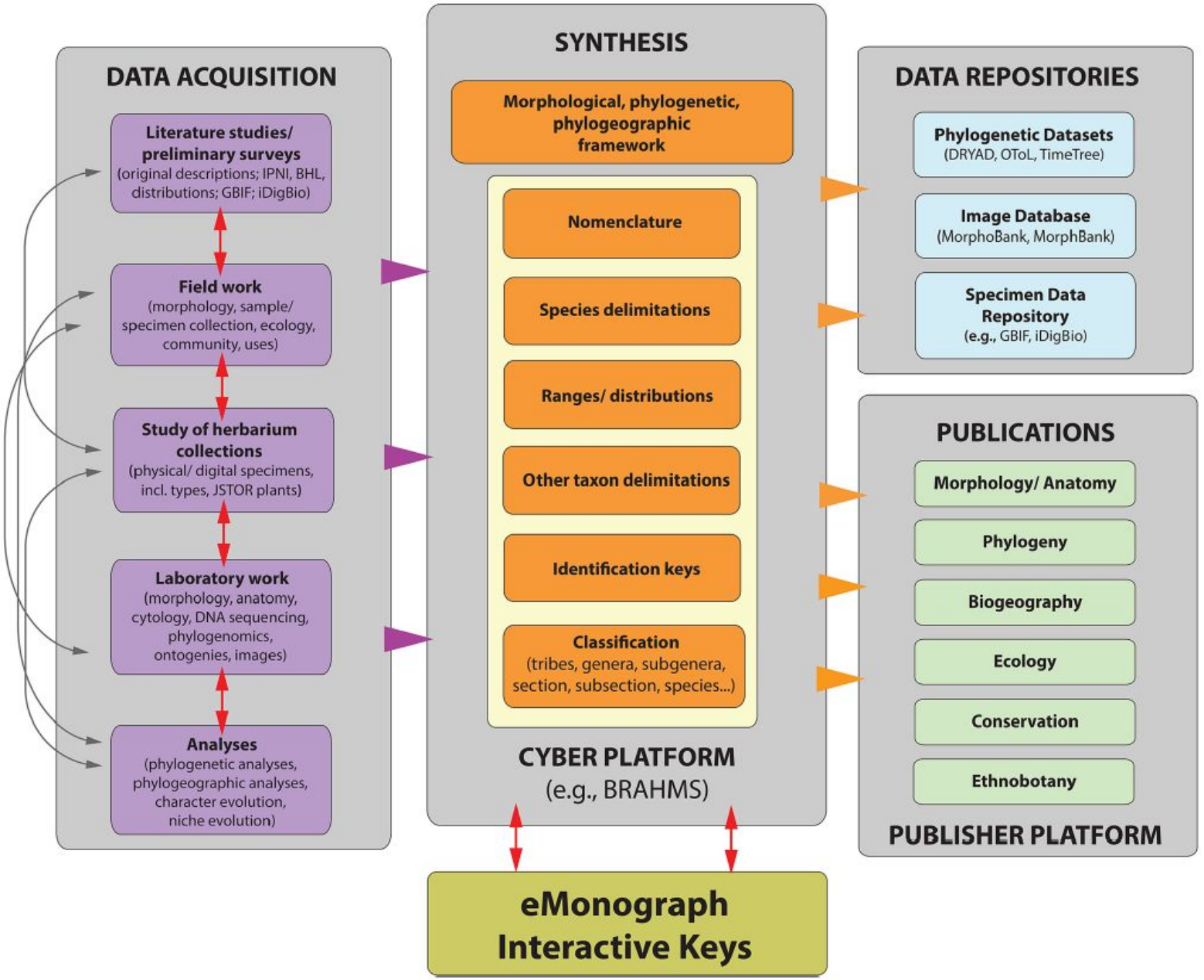

Fig. 5. Workflow of modern plant monography utilizing integrative systematic data and various portals for data dissemination and e-monograph production.

Bibliografické zdroje

Národná bibliografia

Kew Index of Taxonomic Literature

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Index Londinensis

Špecializované bibliografie

Prehľady počtov chromozómov

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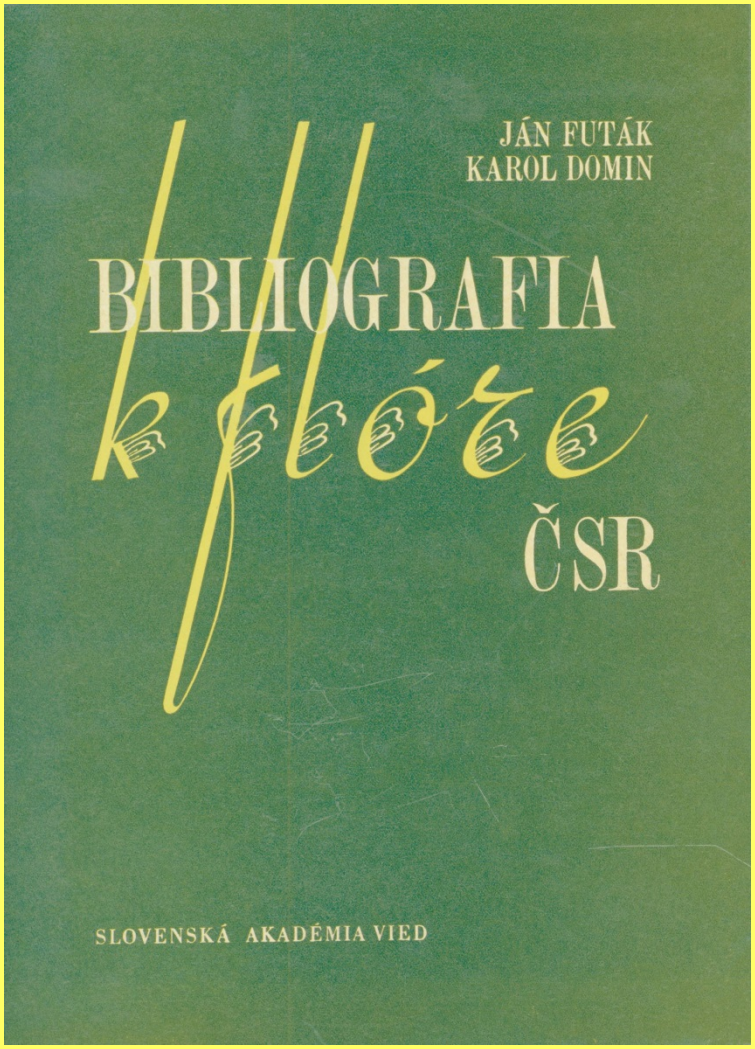

řizování, okrašlování a udržování zahrad všeho druhu: ozdobných i užitkových, ovocných, zelinářských i květinářských, zejména pak zahrad domovních ve městě i na venkově.
Ed. 2, 1—248, Praha, A. Reinwart.

1907 b Reveň či rebarbora v kuchyni a zahradě. Podrobné návody ku pěstování této zeleniny doby moderní, jakož i pokyny o zavařování revně, výrobě vína revňového a jiných způsobech upotřebení revně v domácnosti.
1—24, Praha, A. Reinwart.

1908 Lískové ořechy. Dějiny, pěstování, množení, zužitkování a roztřídění, jakož i výběr pro naše poměry nejvhodnějších druhů.
1—38, Praha, A. Reinwart.

1911 Lékořice či sladké dřevo.
Hosp. List. 36: 252.

1912 Polní zelinářství. Praktický návod ku výnosnému pěstování zeleniny na polích. Podrobné poučení, jak se nejvhodněji pro trh a domácnost pěstuje zelí, jarmuz, okurky, fazole či ledvinky, hrách, bob, cibule, rajská jablička, mrkev, petržel, celer, vodnice či tuřín, chřest, reveň a jiná zelenina ve velkém i v malém.
1—40, Praha, A. Reinwart.

1915 Válečná zelenina. Pokyny, jak správným pěstěním a rychlením brambor, hrachu, fazolí, špenátu a jiných zelenin každý majitel půdy může úspěšně čeliti tísni s potravinami.
Ed. 3, 1—32.

1925 Květiny zahradní v zimě venku vytrvalé (pereny či ostálky). Návod ku pěstění a použití jich v zahrádkách, zahradách i sadech.
1—292, Praha, A. Neubert.

1931 O našem zahradnictví a zahradničení.
Literatura 9/1: 1, 2.

1934 Tuláci mezi květinami.
Literatura 12/2: 1, 2.

b. r.1 Zelinářství. Návod, jak zařídíti zelinářské zahrady a kterak pěstovati veškeré druhy zelenin na poli i v zahradě.
1—210, Praha, Hejda a Tuček.

b. r.2 Bylinářství, kořenářství čili herbář. Seznam a návod ku pěstování, sbírání a úpravě všech domácích, léčebných a aromatických (kořenářských) bylin, spolu s jich popisem a označením přirozených stanovisk.
1—137, Praha.

b. r.3 Květinářství. Úplný návod ku pěstování rostlin v domácnosti. Podrobné pojednání o květinách všeho druhu, o rostlinách cibulovitých, visutých, oplétavých, vodních, kapradinách, palmách, o rostlinách tučnolistých, vřesništných, růžích a pod., o jich pěstování, ošetřování, množení, chorobách a požadavcích. Poučení o přípravě vhodné prsti a nářadí k pěstování květin potřebném.
1—106, Praha, A. Reinwart.

Funck Ch.:

1819 Correspondenz. Wiesenbaude auf dem Riesengebirg den 16. Jul. 1819.
Flora oder Allg. bot. Z. 2: 609—611.
Popis vegetácie od Lučnej Boudy na vrchol Snežky.

1820 Correspondenz. Wiesenbaude, den 2ten Aug. 1819. (Bericht über Exkursionen im Riesengebirge).
Flora oder Allg. bot. Z. 3: 65—73.
Krkonoše, důležité lokality.

Funeck E.:

1931 Palaeobotanische Untersuchungen über Moore des Egerer Tertiärbeckens.
Lotos, Prag 79: 153—156.

Fürst B.:

1930 Vzpomínky z života českého lesníka Václava Kaliny.
1—87, Praha, A. Reinwart.

1931 Jan Evang. Chadt-Ševětínský.
Čs. Les 11: 220—223.

1936 Oman pravý (Inula helenium).
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Fürst J.:

1923 Za Frant. Polívkou.
Příroda 16: 308—310.

1931 Liliovité rostliny na Kralovicku.
Vlastiv. Sborn. Rakovnicka s Křivoklátskem, Kralovicka s Manětínskem 1: 152—154.

Fuss F.:

1796 Von dem Pflanzenreich.
In Fuss: Beiträge zur Verbesserung der Landwirthschaft in Böhmen. 1: 1—303, 2: 1—257, 3: 1—301.

1797 a Skizze einer ökonomisch-statistischen Landeskunde des Königreichs Böhmen.
Abh. welche v. d. k. k. ökonomisch-patriotischen Ges. zur Bekanntmachung bestimmt worden, für das Jahr 1797: 53—98, Prag.

1797 b Geschichte der k. k. ökonomisch-patriotischen Gesellschaft im Königreich Böhmen von ihrer Entstehung bis auf das Jahr 1795. Abh. die Verbesserung der Landwirthschaft betreffend (herausgeg. von k. k. ökon.-patriot. Ges. im Königreich Böhmen) für das Jahr 1797: 1—210, Prag.

1799 Anweisung zur Erlernung der Landwirtschaft.
1—496, Prag.

Fuss M.:

1866 Flora Transsilvanica excursoria.
I—V + 1—864, Cibinii.

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Kultúra, Trnava 4: 279—282. Sep. 1—7.

1932 c O kvetene Manínskeho priesmyku a Súľovských skál.

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Botanický ústav ČSAV, Průhonice u Prahy

1990

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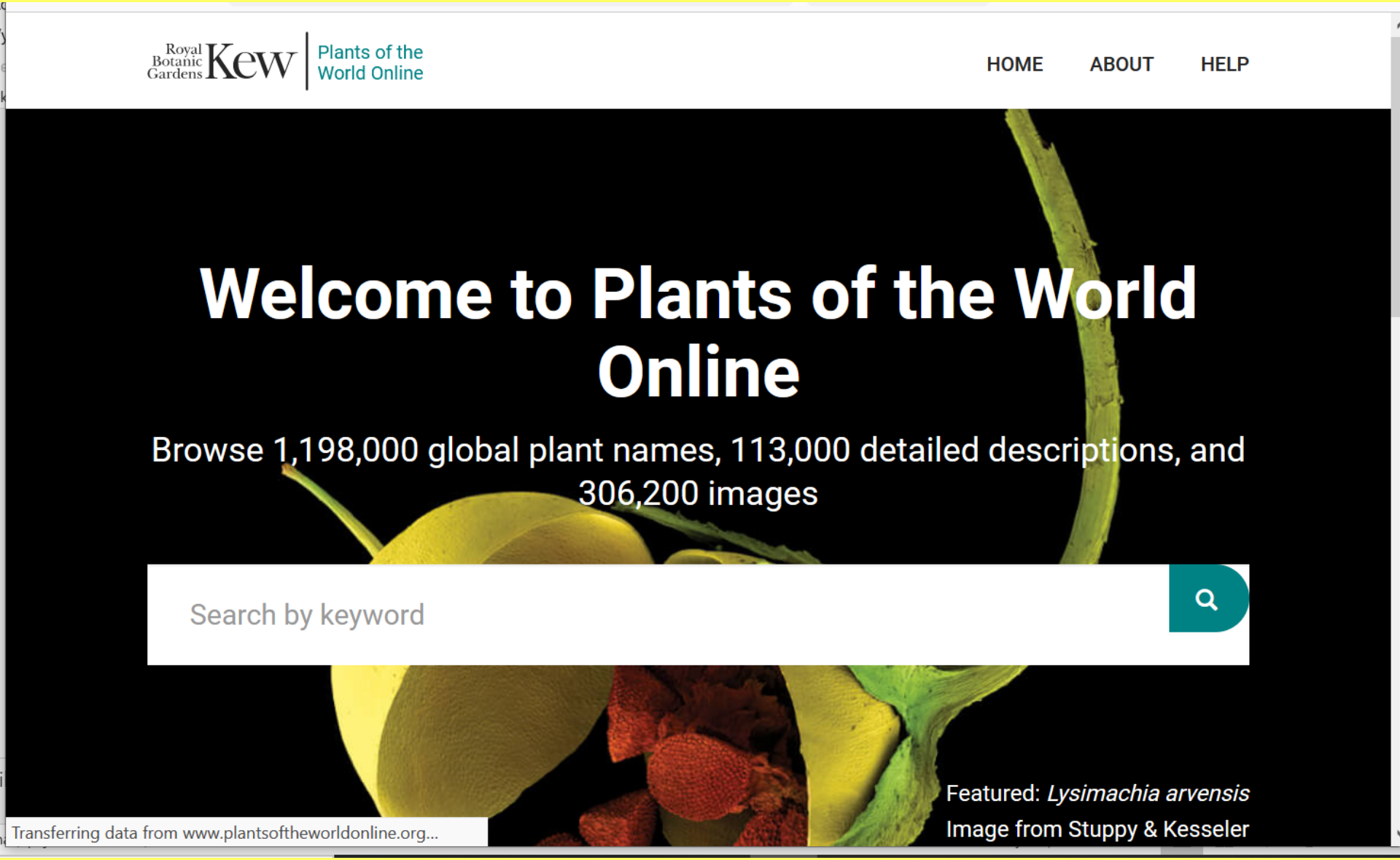

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Brassicaceae > *Cardamine*

Cardamine hirsuta L.

First published in Sp. Pl.: 655 (1753)

This species is accepted

The native range of this species is Temp. & Subtropical Northern Hemisphere to Old World Tropical Mountains. It is a annual and grows primarily in the temperate biome(s). It is used as a medicine and for food.

Taxonomy Images General information

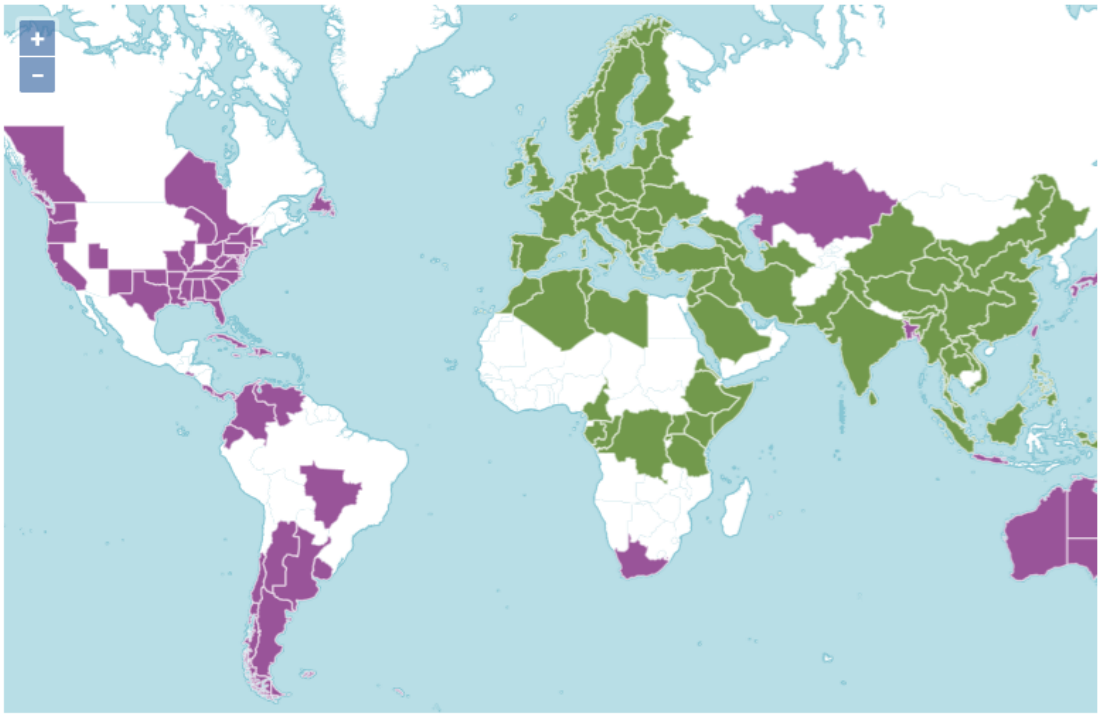
Distribution Synonyms Publications Other data

Distribution

KBD

Distribution

KBD



Native Introduced

Native to:

Albania, Algeria, Assam, Austria, Azores, Baleares, Baltic States, Belarus, Belgium, Borneo, Bulgaria, Cameroon, Canary Is., China North-Central, China South-Central, China Southeast, Congo, Corse, Cyprus, Czechoslovakia, Denmark, East Aegean Is., East Himalaya, Eritrea, Ethiopia, Finland, France, Føroyar, Gabon, Germany, Great Britain, Greece, Gulf of Guinea Is., Hungary, India, Inner Mongolia, Iran, Iraq, Ireland, Italy, Kenya, Kriti, Krym, Laos, Lebanon-Syria, Libya, Madeira, Malaya, Manchuria, Mauritius, Morocco, Myanmar, Netherlands, New

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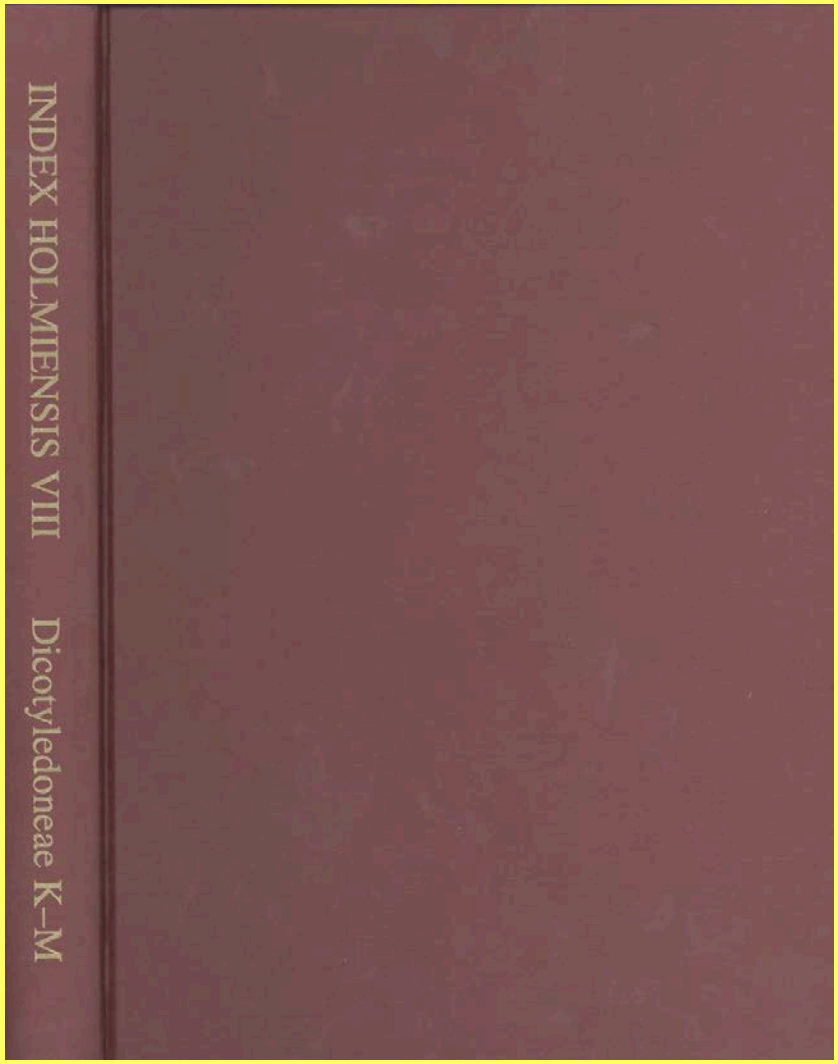
SP HC ColPlantA

Index Holmensis (1969-) – bibliografia uverejnených máp



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(C USA)

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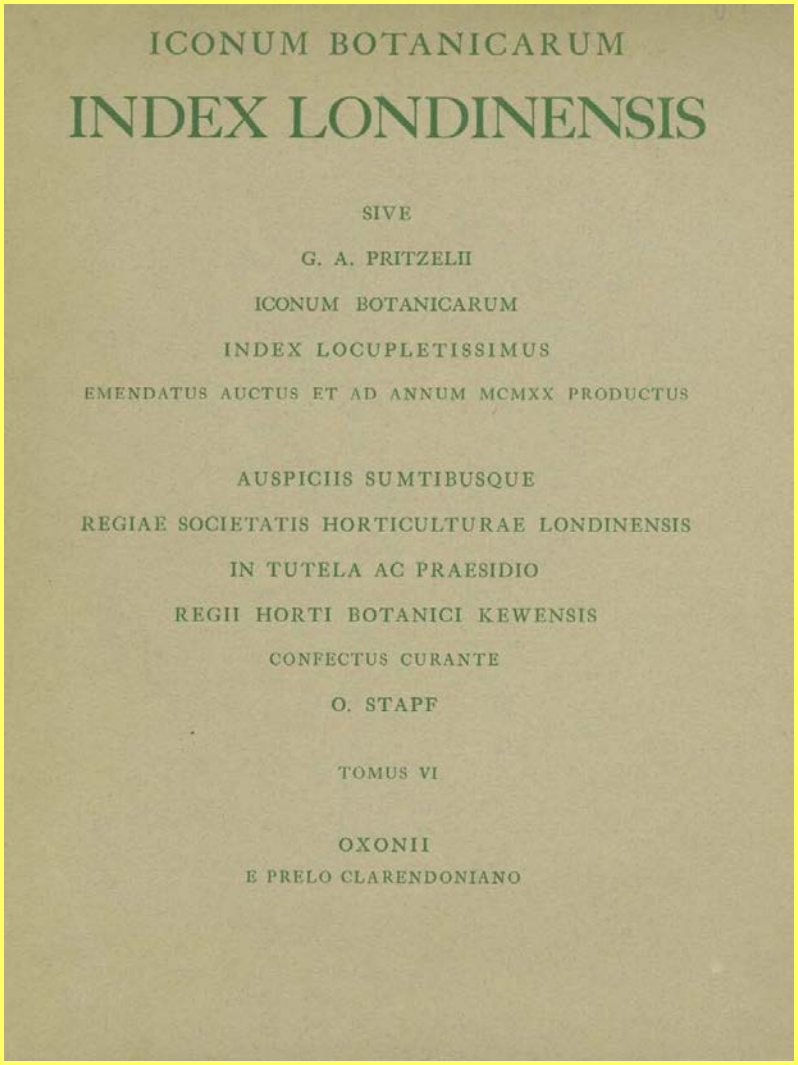
(SE Canada)

Index Londinensis (1929-1931, 1941) – bibliografia uverejnených ilustrácií



ICONUM BOTANICARUM

INDEX LONDINENSIS

SIVE

G. A. PRITZELII

ICONUM BOTANICARUM

INDEX LOCUPLETISSIMUS

EMENDATUS AUCTUS ET AD ANNUM MCMXX PRODUCTUS

AUSPICIIS SUMTIBUSQUE

REGIAE SOCIETATIS HORTICULTURAE LONDINENSIS

IN TUTELA AC PRAESIDIO

REGII HORTI BOTANICI KEWENSIS

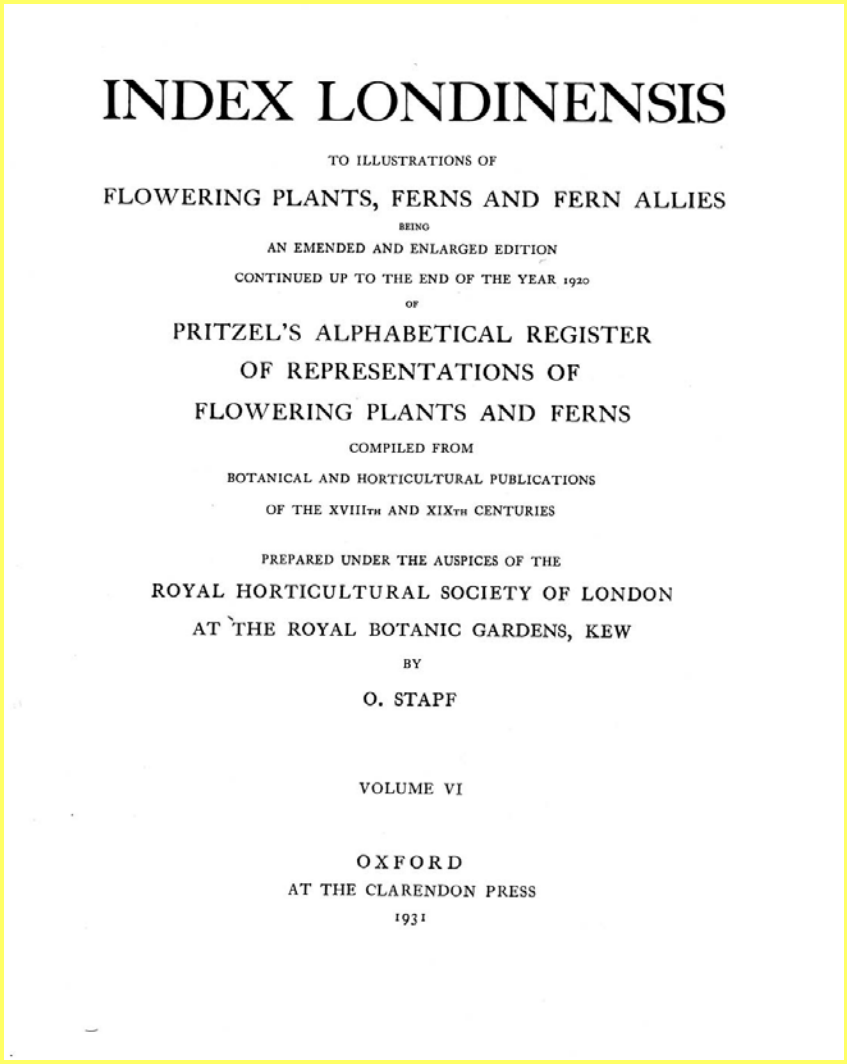
CONFECTUS CURANTE

O. STAPF

TOMUS VI

OXONII

E PRELO CLARENDONIANO



INDEX LONDINENSIS

TO ILLUSTRATIONS OF

FLOWERING PLANTS, FERNS AND FERN ALLIES

BEING

AN EMENDED AND ENLARGED EDITION

CONTINUED UP TO THE END OF THE YEAR 1920

OF

PRITZEL'S ALPHABETICAL REGISTER

OF REPRESENTATIONS OF

FLOWERING PLANTS AND FERNS

COMPILED FROM

BOTANICAL AND HORTICULTURAL PUBLICATIONS

OF THE XVIIITH AND XIXTH CENTURIES

PREPARED UNDER THE AUSPICES OF THE

ROYAL HORTICULTURAL SOCIETY OF LONDON

AT THE ROYAL BOTANIC GARDENS, KEW

BY

O. STAPF

VOLUME VI

OXFORD

AT THE CLARENDON PRESS

1931

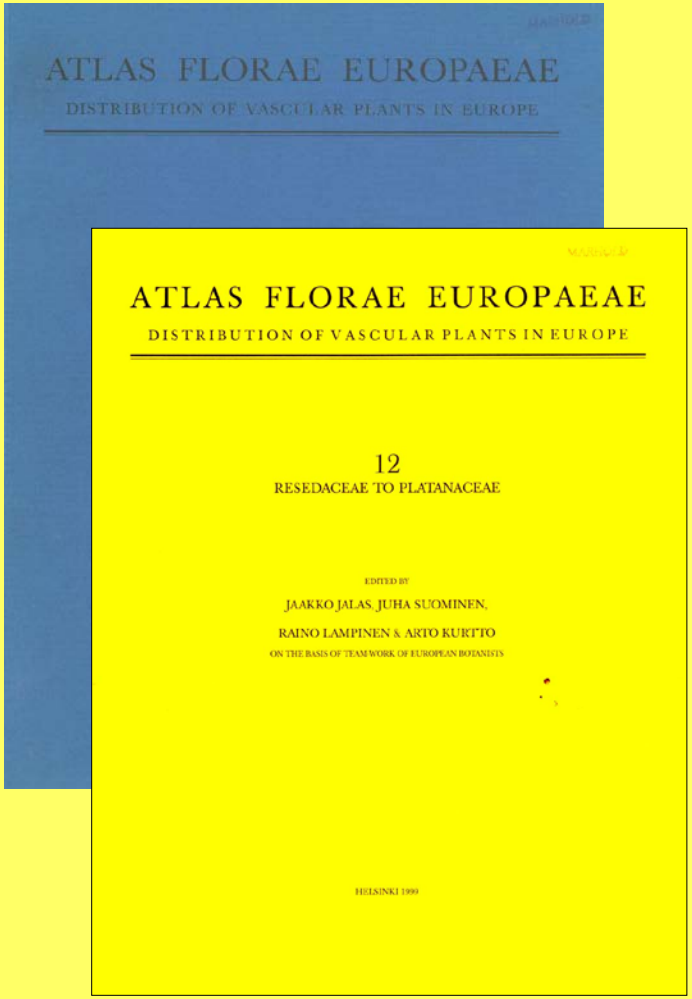
STACHYS
bicolor E. H. L. Krause
*Sturm, Fl. Deutschl. Ed. 2, xi. t. 23 (1903).
biennis Roth
*Reichenbach, Pl. Crit. x. t. 949 (1832).
Bornmuelleri Hand.-Mazz.
Ann. Nat. Hofm. Wien, xxvii. t. 17 (1913).—*Hab.*
brachyclada De Noé
Coste, Fl. France, iii. 118 (1906).
bullata Benth.
Dyer in Rep. Agric. St. California, 265 (1891).—*Fr.*
M. Armstrong, Field Book West. Wild Fl. 447 (1915).
canariensis Jacq.
*Jacquin, Ic. Pl. Rar. i. t. 108 (1781–86).
candida Bory & Chaub.
Bory & Chaub. Expéd. Morée, Bot. iii. t. 19 (1832).
Bory & Chaub. Nouv. Fl. Pélop. t. 20 (1838).
Rouy, Illustr. Pl. Eur. Rar. fasc. 13, t. 322 (1900).
canescens Bory & Chaub.
Bory & Chaub. Expéd. Morée, Bot. iii. t. 18 (1832).
Bory & Chaub. Nouv. Pl. Pélop. t. 19 (1838).
chrysantha Boiss. & Heldr.
Rouy, Illustr. Pl. Eur. Rar. fasc. 13, t. 323 (1900).
ciliata Dougl.
M. Armstrong, Field Book West. Wild Fl. 445 (1915).
circinata L'Hér.
*L'Héritier, Stirp. t. 26 (1786).
coccinea Jacq.
*Jacquin, Hort. Schoenbr. iii. t. 284 (1798).
*Bot. Mag. xviii. t. 666 (1803).
*Andrews, Bot. Rep. v. t. 310 (1803).
Ann. Mus. Hist. Nat. Paris, xv. t. 18, fig. 9 (1810).—*Fl.*
*Mordant de Launay, Herb. Amat. vi. t. 382 (1822).
*Drapiez, Herb. Amat. Fl. viii. t. 594 (1835).
*Paxt. Mag. viii. 101 (1841).
cordata Riddell
Bot. Gaz. xiii. 151, fig. 12 (1888).—*Fl.*
Britton & Brown, Ill. Fl. N. States & Canada, iii. 98 (1898); Ed. 2, iii. 127 (1913).
cordifolia Prain
Ann. Bot. Gard. Calcutta, ix. t. 72 (1901).
corsica Pers.
*Reichenbach, Pl. Crit. vii. t. 646 (1829).
*Maund, Bot. Gard. viii. t. 169 [1839–51].
*Wooster, Alp. Pl. Ser. II. t. 1 (1874).—*Hab.*
*Cusin, Herb. Fl. Franç. xviii (Labiées), t. 113 (1875).
Fiori & Paol. Ic. Fl. Ital. 372 (1902).
Coste, Fl. France, iii. 117 (1906).
L. H. Bailey, Stand. Cycl. Hort. 3220 (1917).—*Hab.*
—— **micrantha** Bertol.
Cusin, Herb. Fl. Franç. xviii (Labiées), t. 114 (1875).
cretica Linn.
*Sibthorp & Sm. Fl. Graeca, vi. t. 558 (1827).
delphinensis Jord.
*Cusin, Herb. Fl. Franç. xviii (Labiées), t. 118 (1875).
densiflora Benth.
*Reichenbach, Ic. Fl. Germ. xviii. t. 1216 (1856).
Fiori & Paol. Ic. Fl. Ital. 371 (1902).
×**digenea** Legué
Journ. Linn. Soc., Bot. xliv. 362 (1919).—*Fl.*
Downesii Hort.
*Floricult. Cab. ix. 217 (1841).
Duriaei De Noé
*Cosson & Durieu, Expl. Scient. Algér. 1840–42, Bot. Atlas, t. 64 (1850).
erecta K. Koch
Ann. Mus. Hist. Nat. Paris, xv. t. 18, fig. 6 (1810).—*Fl.*
floridana Shuttlw.
Brehm, Merv. Nat. Monde des Pl. ii. 364 (1894–96).—*Veg.*
Bull. Soc. Acclim. France, xlv. 299 (1898).
fluminensis Vell.
Vellozo, Fl. Flum. vi. t. 1 (1827).

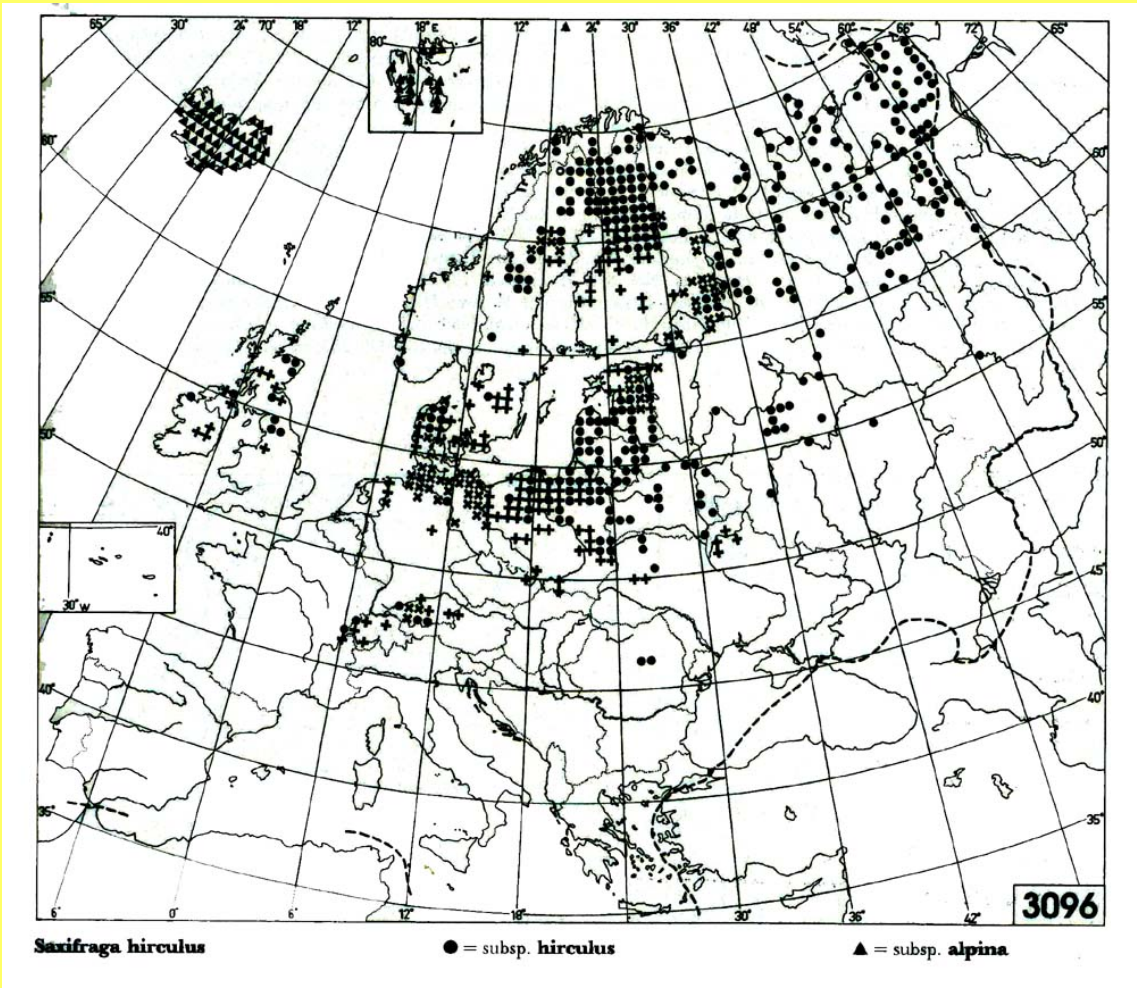
STACHYS
fragilis Vis.
Visiani, Fl. Dalmat. ii. t. 16 (1847) in ic.; *S. subcrenata fragilis* in textu, ii. 208.
germanica Linn.
*Kniphof, Herb. Viv. ii. t. 1058 (1764).
Buchoz, Hist. Règne Vég. xi. Dec. 5, t. 6 (1776).
*Jacquin, Fl. Austr. iv. t. 319 (1776).
*Fl. Dan. iv. t. 684 (1777).
Hoppe, Ect. Pl. Ratisb. t. 499 (1789).
G. F. Hoffmann, Deutschl. Fl. t. 10 (1791).
*Sowerby & Sm. Engl. Bot. xii. t. 829 (1801).
*Roques, Pl. Usuell. Indig. & Exot. ii. t. 46 (1808).
*Schkuhr, Bot. Handb. Ed. 2, t. 161 (1808).—*Fr.*
Ann. Mus. Hist. Nat. Paris, xv. t. 18, fig. 7 (1810).—*Fl.*
*Schrank, Fl. Monac. iv. t. 308 (1818).
*Reichenbach, Pl. Crit. x. t. 950 (1832).
*Zenker, Fl. Thüringen, ii. t. 134 (1836–55).
*Dietrich, Fl. Boruss. v. t. 344 (1837).
[M. E.] Jackson, Pict. Fl. fig. 897 (1840).
*Sturm, Deutschl. Fl. xix. LXXXIII [t. 1283] (1841).
*Deakin, Florigr. Brit. ii. fig. 944 (1845).
*Lorek, Fl. Pruss. Ed. 3, t. 143, fig. 761 (1848).
Irmisch in Abh. Nat. Ges. Halle, iii. t. 4, fig. 95 (1856).—*Veg.*
*Reichenbach, Ic. Fl. Germ. xviii. t. 1210 (1856).
Johnson & Sowerby, Brit. Wild Fl. fig. 966 (1858–60).
Bentham, Handb. Brit. Fl. fig. 794 (1865).
Migout, Fl. Dépt. Allier, t. 17 (1866).—*Fl.*
*Cosson & Durieu, Expl. Scient. Algér. 1840–42, Bot. Atlas, t. 63 (1850).
Gussone, Enum. Pl. Inar. t. 11 (1854).
*Cusin, Herb. Fl. Franç. xviii (Labiées), t. 112 (1875).
Fiori & Paol. Ic. Fl. Ital. 372 (1902).
Coste, Fl. France, iii. 118 (1906).
Maweana Ball
*Bot. Mag. civ. t. 6389 (1878).
mediterranea Vell.
Vellozo, Fl. Flum. vi. t. 2 (1827).
melampyroides Hand.-Mazz.
Ann. Nat. Hofm. Wien, xxvii. t. 16 (1913).—*Hab.*

STACHYS
hirta
Fiori & Paol. Ic. Fl. Ital. 373 (1902).
Coste, Fl. France, iii. 117 (1906).
—— **parviflora** De Noé
*Cosson & Durieu, Expl. Scient. Algér. 1840–42, Bot. Atlas, t. 65 (1850).
hupehensis Pampan.
Nuov. Giorn. Bot. Ital. N. Ser. xviii. t. 6 (1911).
hyssopifolia Michx.
Britton & Brown, Ill. Fl. N. States & Canada, iii. 96 (1898); Ed. 2, iii. 124 (1913).
iberica M. Bieb.
*Reichenbach, Hort. Bot. t. 58 (1824).
inflata Benth.
*Bot. Reg. xx. t. 1697 (1835).
inscripta Reichb.
*Reichenbach, Hort. Bot. t. 40 (1824).
intermedia Ait.
*Reichenbach, Pl. Crit. iv. t. 327 (1826).
italica Mill.
*Reichenbach, Ic. Fl. Germ. xviii. t. 1210 (1856).
*Cusin, Herb. Fl. Franç. xviii (Labiées), t. 105 bis (1875).
*Schlechtendal, Lang. & Schenk, Fl. Deutschl. Ed. 5, xviii. t. 1840 (1884).
Fiori & Paol. Ic. Fl. Ital. 372 (1902).
Coste, Fl. France, iii. 119 (1906).
Heukels, Fl. Nederl. iii. 233 (1909).
iva Griseb.
Rouy, Illustr. Pl. Eur. Rar. fasc. 3, t. 70 (1895).
japonica Miq.

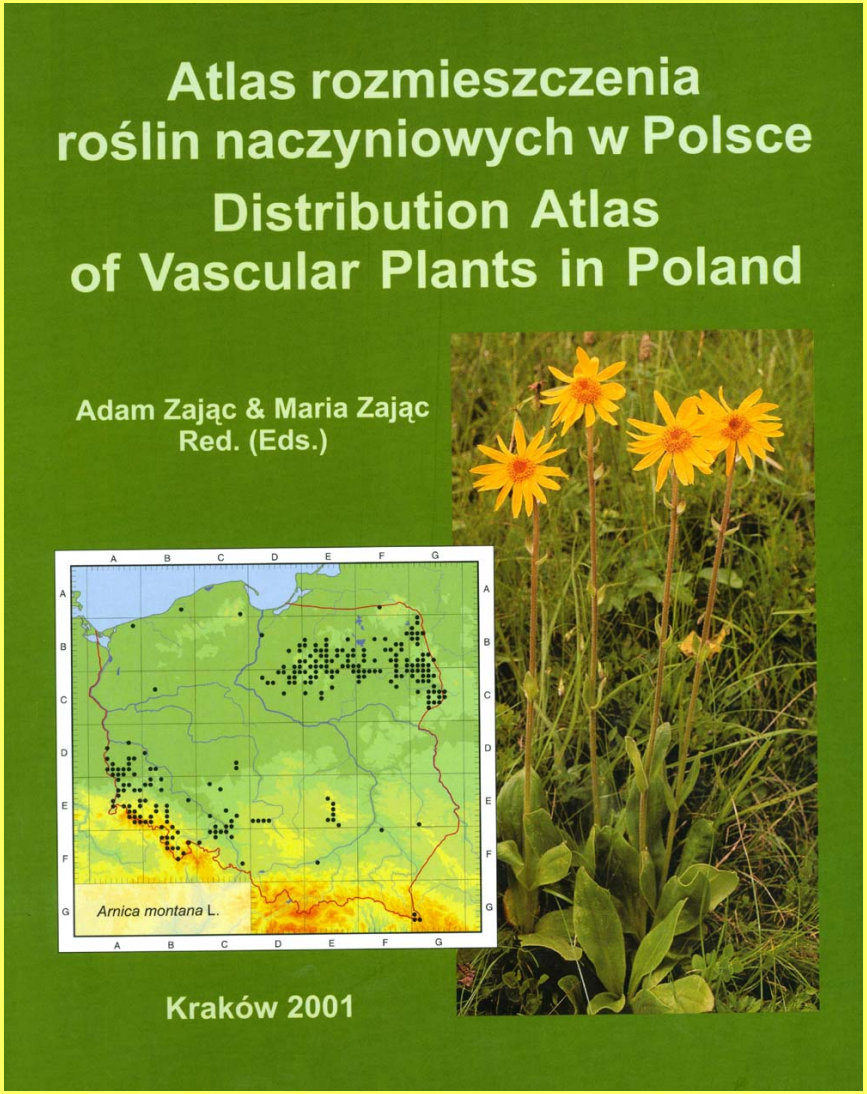
***Atlas florae europaeae* – vychádza od r. 1972, sieť 50 × 50 km, Európu pokrýva ca. 4400 polí, pripravovaný v širokej medzinárodnej spolupráci**

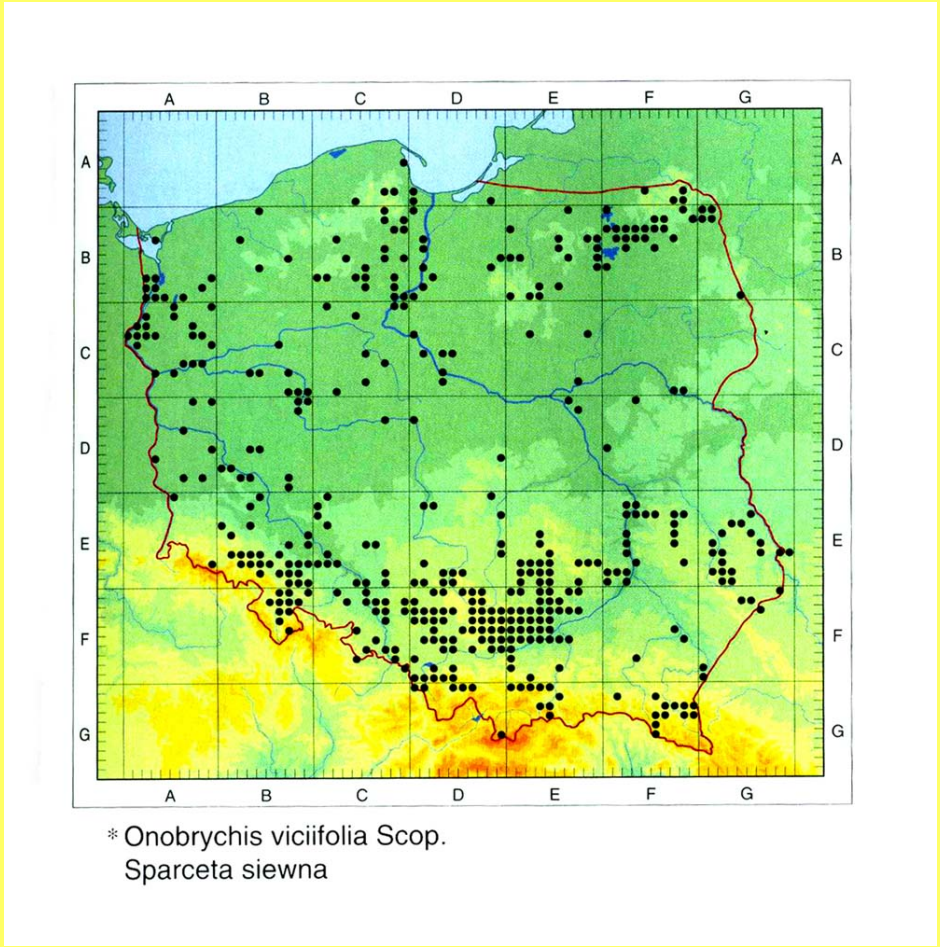
ABSENCIA VÝSKYTU JE V NIEKTORÝCH PRÍPADOV ABSENCIOU DÁT



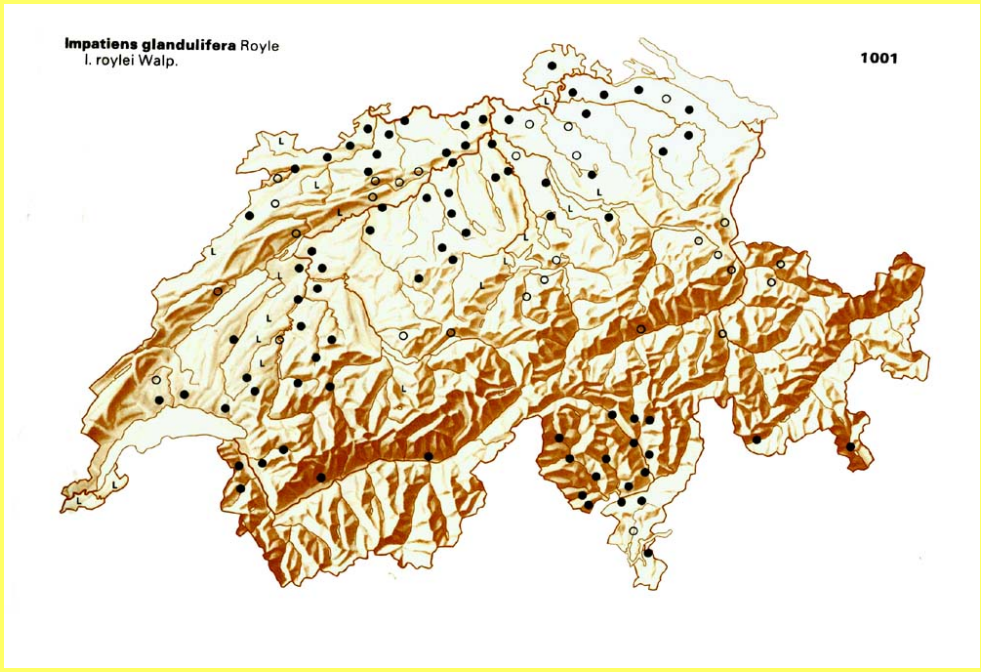


Podrobnejšie o mapách rozšírenia – Slavík, Živa 6/1985



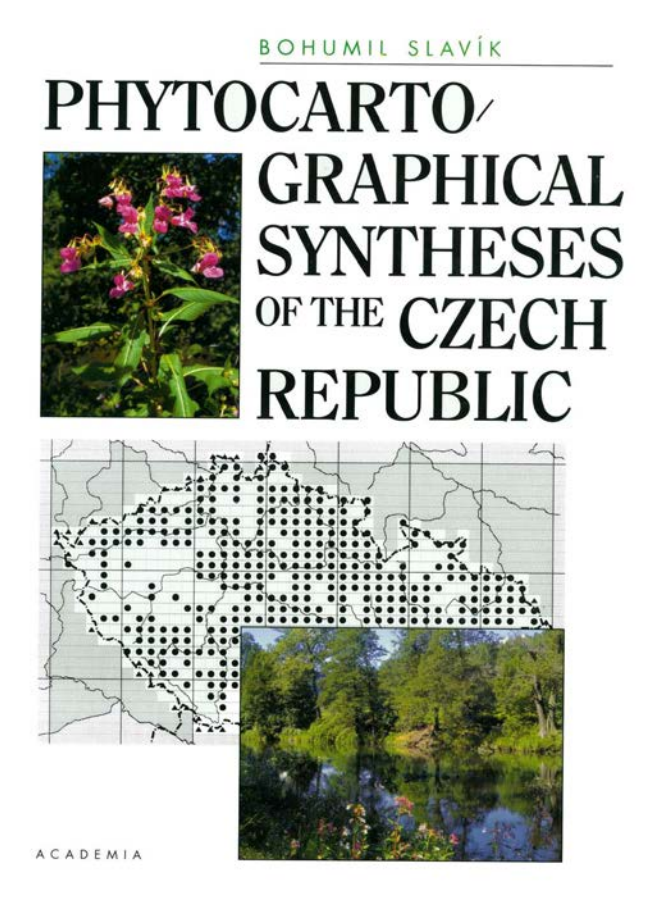


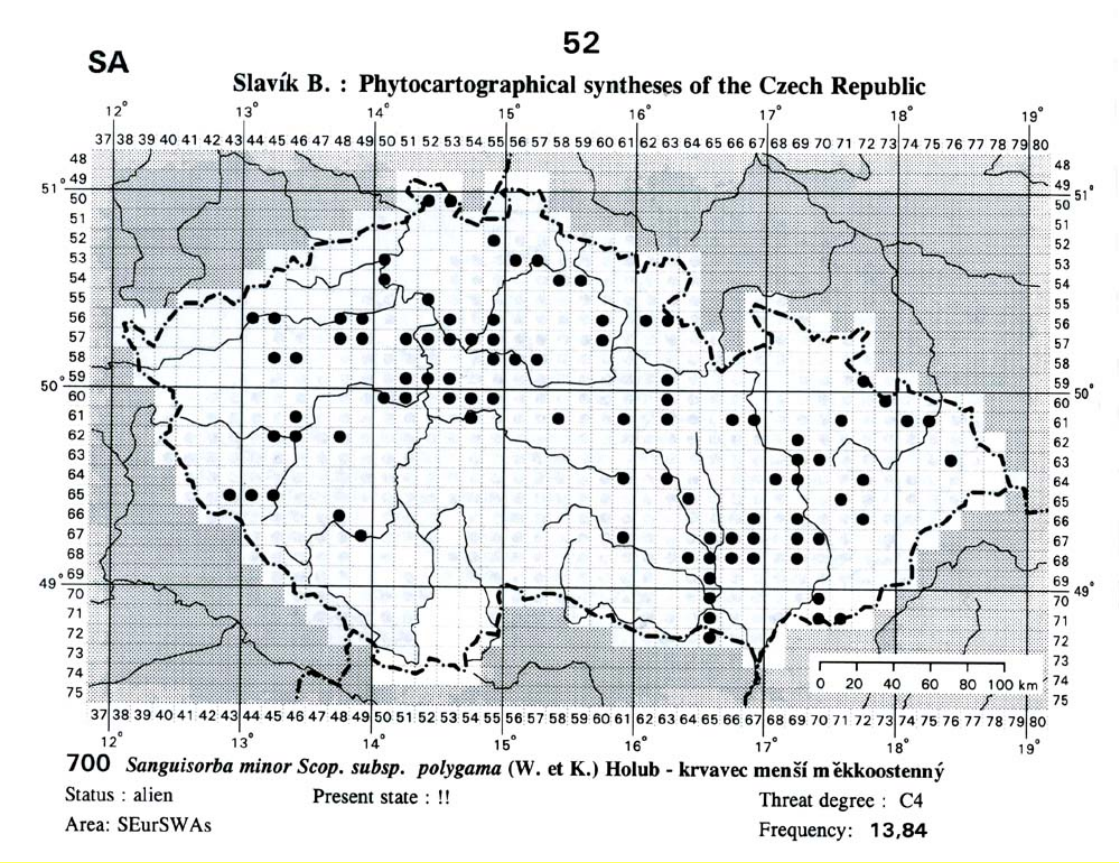
projekt ATPOL, sieť 10 × 10 km



Welten & Sutter (1982)

2571 máp
polia nepravidelného tvaru, plošne ca. 100 km^2





Slavík (1986, 1990, 1998)

sieť stredoeurópskeho mapovania, základné polia 10 × 6 zemepisných minút, t.j. ca. 12 × 11 km, sa delia ďalej na kvadranty 5 × 3 minúty

PLADIAS

Druhy | Vegetace | Určování | Ke stažení | Kontakty | Přihlášení

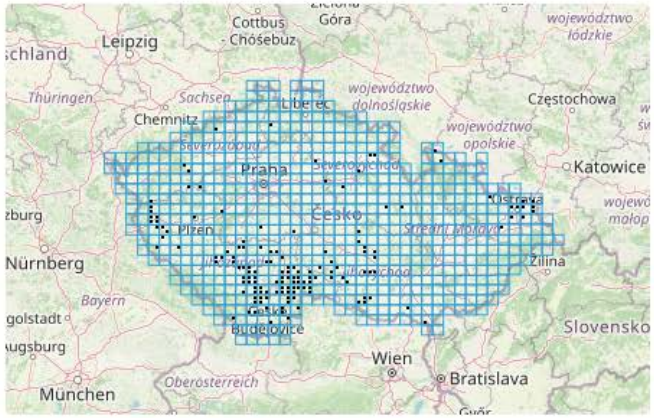
Bolboschoenus yagara – kamyšník vrcholičnatý

nové hledání

Druhy → *Tracheophyta* → *Spermatophytina* → *Liliopsida* → *Poales* → *Cyperaceae* → *Bolboschoenus* → *Bolboschoenus maritimus* agg. → *Bolboschoenus yagara*

Přehled | Vlastnosti | Rozšíření | Obrázky | Nomenklatura

Obrázky a mapy



Vlastnosti

- Habitus a typ růstu
- List
- Květ
- Plod, semeno a šíření
- Způsob výživy
- Karyologie
- Původ taxonu
- Ekologické indikační hodnoty
- Stanoviště a sociologie
- Rozšíření a hojnost
- Ohrožení a ochrana

souhrn

https://pladias.cz

Pro tuto položku nebyly nalezeny podřazené taxony.

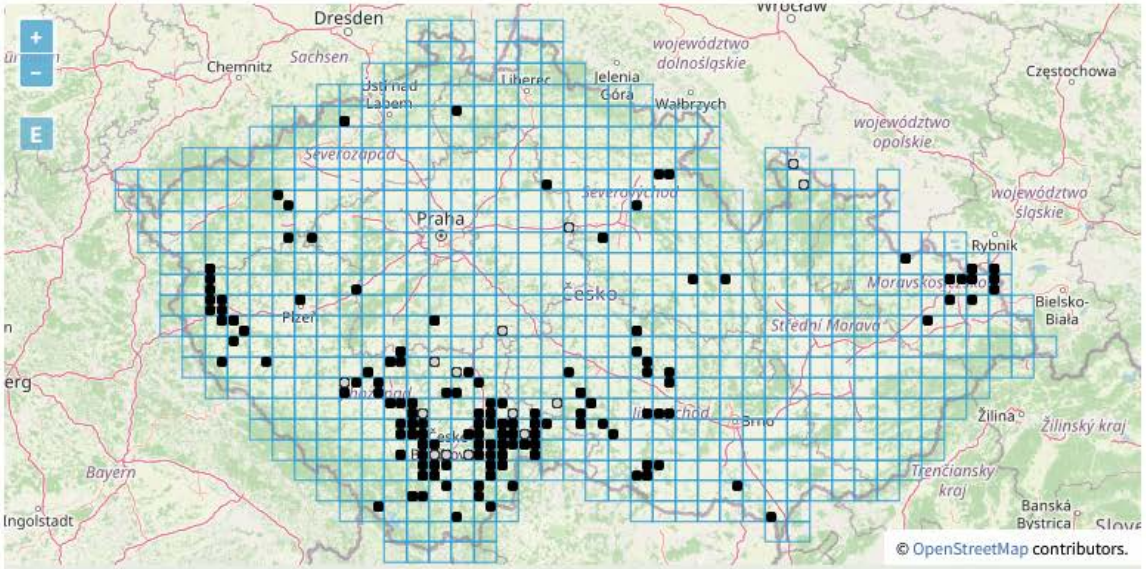
Citace: Pladias – databáze české flóry a vegetace. www.pladias.cz

Bolboschoenus yagara – kamyšník vrcholičnatý

nové hledání

Druhy → *Tracheophyta* → *Spermatophytina* → *Liliopsida* → *Poales* → *Cyperaceae* → *Bolboschoenus* → *Bolboschoenus maritimus agg.* → *Bolboschoenus yagara*

Přehled | Vlastnosti | Rozšíření | Obrázky | Nomenklatura



Mapovací pole **6374** | EPSG:4326 **49.687,18.031** | 49°41'12.5"N 18°01'52.4"E

Výpis záznamů z mapovacího pole 6374

Kvadrant / základní pole	Lokalita	Datum	Nálezce	Původ	Stav
6374a	Nová Horka, okr. Nový Jičín • Odertal, Neuhübel [Nová Horka u Albrechtiček]	1937-7	R. Leidolf	Excerpce Atlas	3

Informace k mapě

Aktuální správce mapy: Zdenka Hroudová, Michal Ducháček

Poslední změna: 11.5.2019 ?

Legenda

● *revidovaný údaj* ○ *nerevidovaný údaj*

V mapě se nezobrazují záznamy bez uvedených souřadnic a záznamy označené jako chybné nebo pochybné. Nerevidované záznamy mohou být také chybné.

přepnout na mapu revizí

publikovaná mapa z 5.4.2019

údaje k mapě

Zdroje dat

- Česká národní fytocenologická databáze
- Databáze rostlin kraje Vysočina
- Excerpce floristické literatury
- Excerpce pro Atlas
- Floristická dokumentace

Distributions of vascular plants in the Czech Republic. Part 1

Rozšíření cévnatých rostlin v České republice. Část 1

Zdeněk Kaplan[1], Jiří Danihelka[1, 2], Jitka Štěpánková[1], Petr Bureš[2], Jiří Zázvorka[1], Zdenka Hroudová[1], Michal Ducháček[3], Vít Grulich[2], Radomír Řepka[4], Martin Dančák[5], Jan Prančl[1, 6], Kateřina Šumberová[1], Jan Wild[1] & Bohumil Trávníček[5]

[1]*Institute of Botany, The Czech Academy of Sciences, CZ-252 43 Průhonice, Czech Republic, e-mail: kaplan@ibot.cas.cz, stepankova@ibot.cas.cz, zazvorka@ibot.cas.cz, hroudova@ibot.cas.cz, prancl@ibot.cas.cz, katerina.sumberova@ibot.cas.cz, wild@ibot.cas.cz;* [2]*Department of Botany and Zoology, Masaryk University, Kotlářská 2, CZ-611 37 Brno, Czech Republic, e-mail: danihel@sci.muni.cz, bures@sci.muni.cz, grulich@sci.muni.cz;* [3]*Department of Botany, National Museum, Cirkusová 1740, CZ-193 00 Praha 9 – Horní Počernice, Czech Republic, e-mail: duchace@seznam.cz;* [4]*Department of Forest Botany, Dendrology and Geobiocenology, Faculi*
Mendel University, Zemědělská 3, CZ-613 00 Brno,
mendelu.cz; [5]*Faculty of Science, Palacký Universi*
Olomouc, Czech Republic, e-mail: martin.dancak@up
[6]*Department of Botany, Faculty of Science, Charles U*
CZ-128 01 Prague, Czech Republic

Kaplan Z., Danihelka J., Štěpánková J., Bureš P., Z
Grulich V., Řepka R., Dančák M., Prančl J., Šumberová
butions of vascular plants in the Czech Republic. Part

Despite a long history of botanical research on the Cz
plant distribution that has been collected, there is still n
bution maps in this country and no distribution maps
taxa. This paper is the first part of a series of publicatio
intended as the first step towards a complete atlas of th
cular plants in the Czech Republic. It contains grid d
Achillea, *Aegilops*, *Aira*, *Alopecurus*, *Avena*, *Bolboscho*
Eriophorum, *Glyceria*, *Polypogon*, *Sclerochloa*, *Sche*
and *Viola*. The maps are based on all available herbariu
stored at the CzechDistrib database, checked geograp
shown in maps using the Central European mapping gri
arc minutes (corresponding to approximately 5.5 × 5.
detailed revisions carried out during the work on the F
nomically difficult groups are based solely or mainly
nomic experts. If useful, recent versus old records, n
based on revised herbarium specimens versus all othe
symbols. Records used for producing maps are listed
accompanied by texts that include an outline of genera

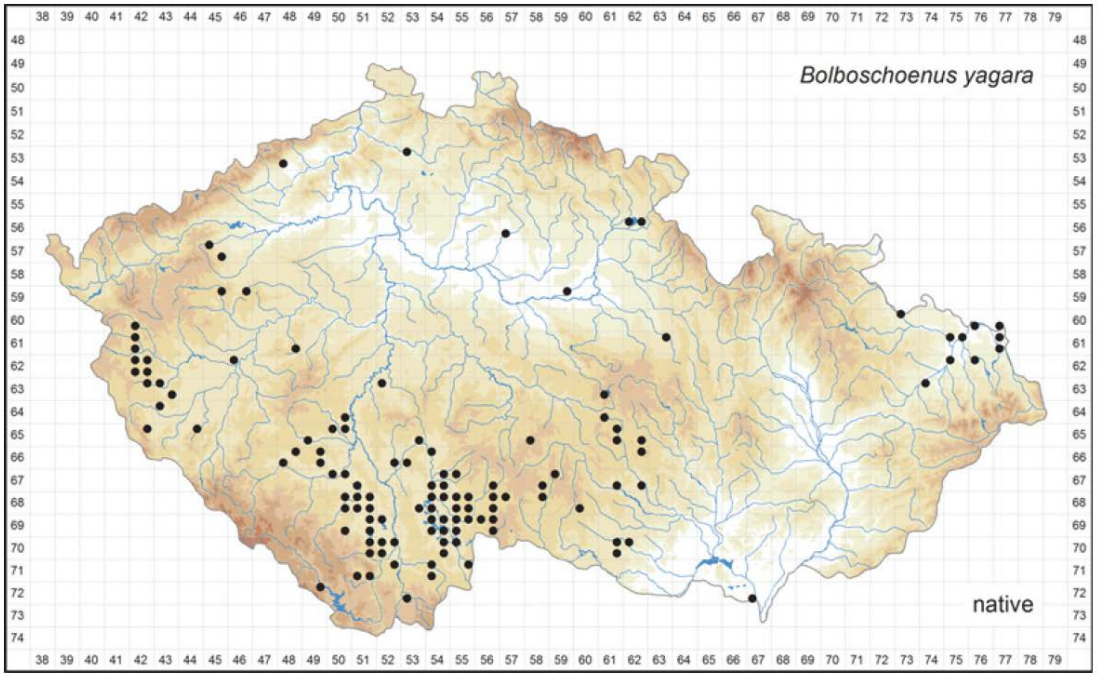
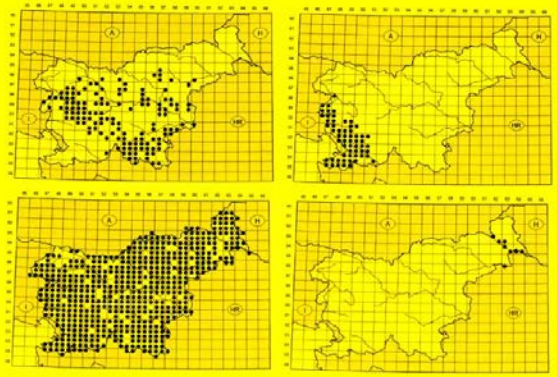


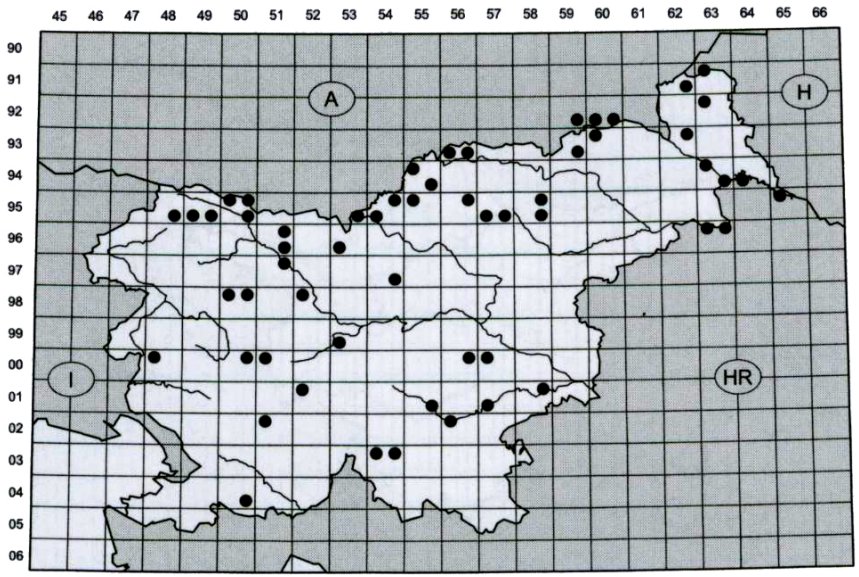
Fig. 21. – Distribution of *Bolboschoenus yagara* in the Czech Republic (121 occupied quadrants). Prepared by Zdenka Hroudová & Michal Ducháček.

Nejc Jogan
(urednik/editor)

GRADIVO
za Atlas flore Slovenije

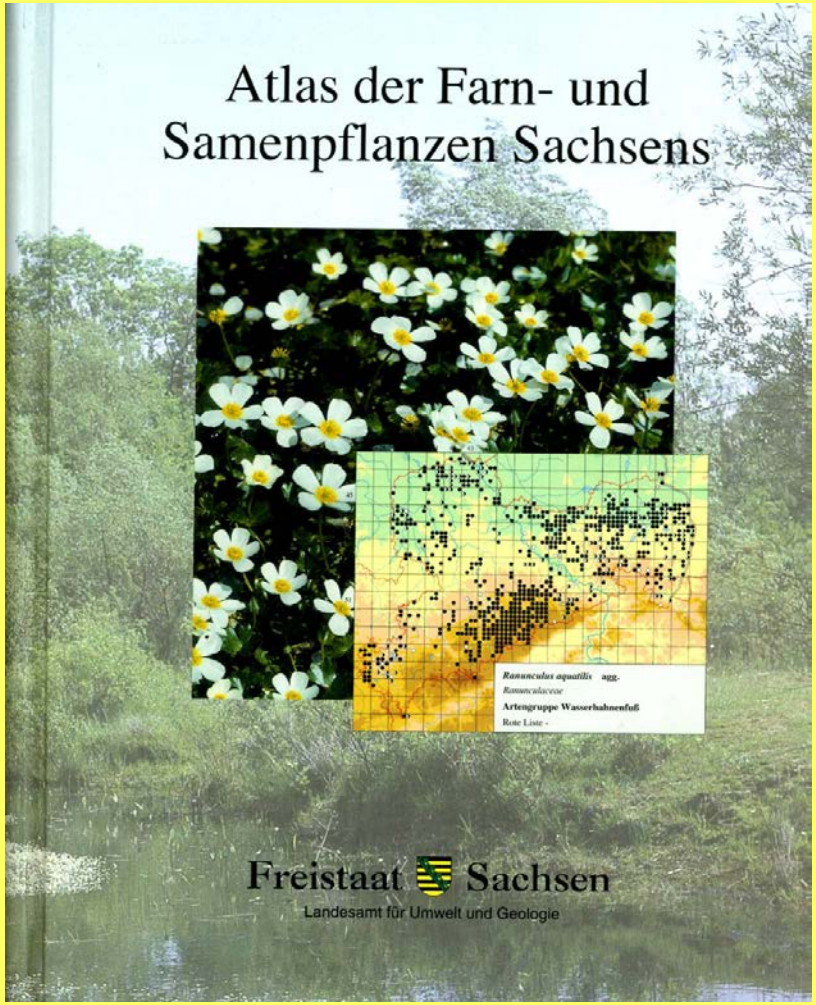
MATERIALS
for the Atlas of Flora of Slovenia

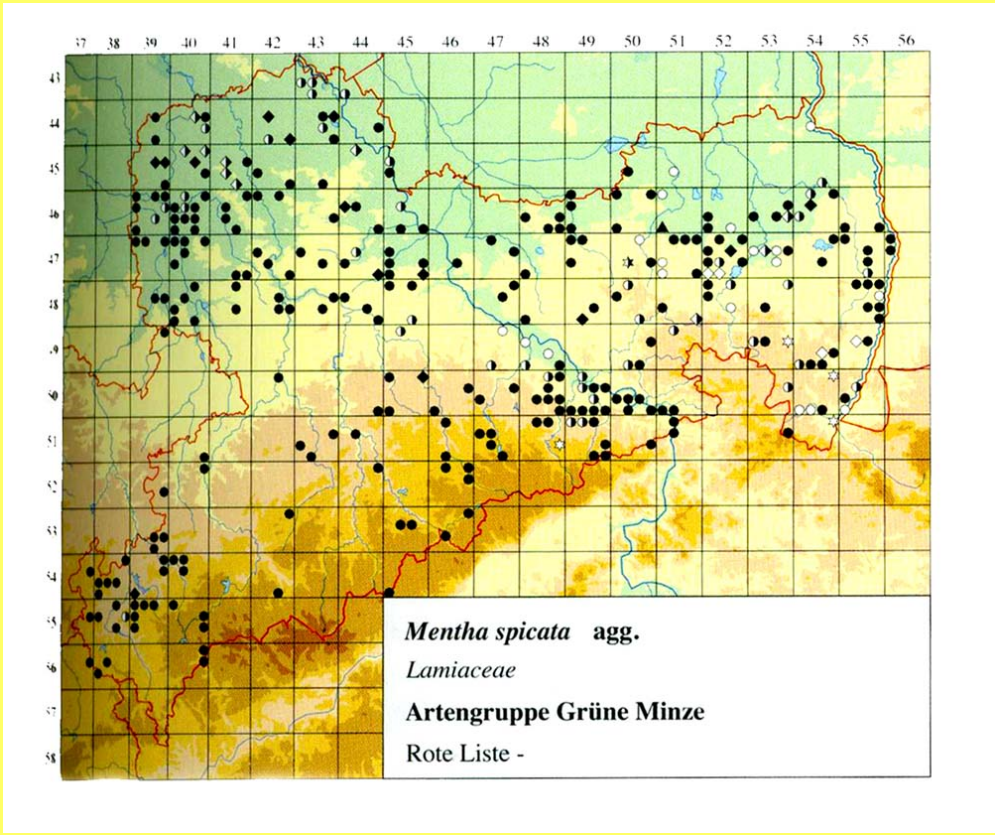




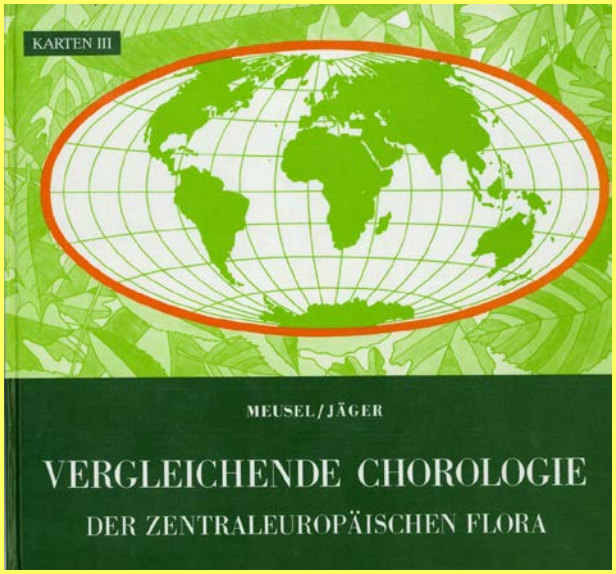
Equisetum sylvaticum L.
GOZDNA PRESLICA

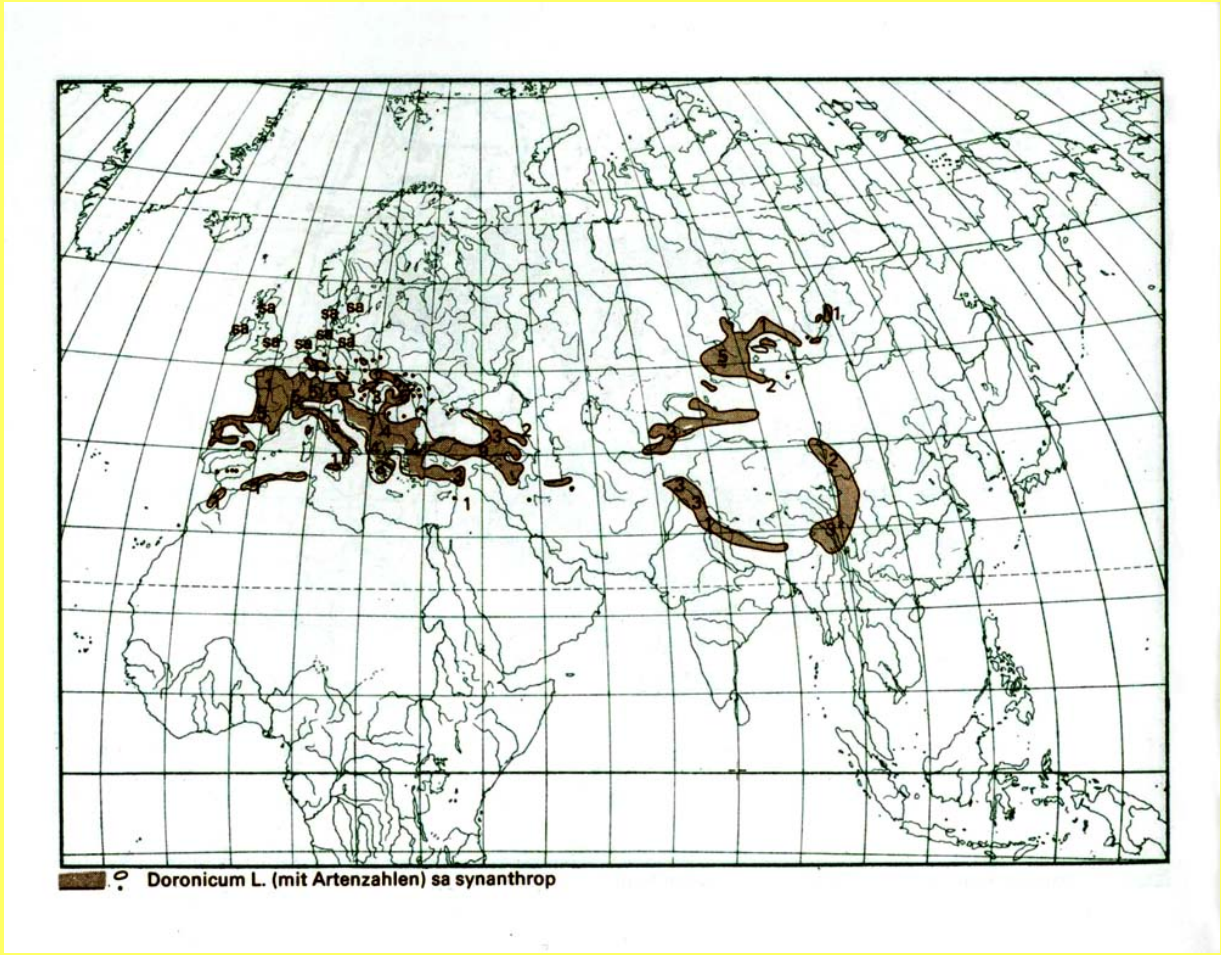
Jogan (2001)
sieť stredoeurópskeho mapovania,
základné polia 10 × 6 zemepisných minút,
delia sa ďalej na kvadranty 5 × 3 minúty

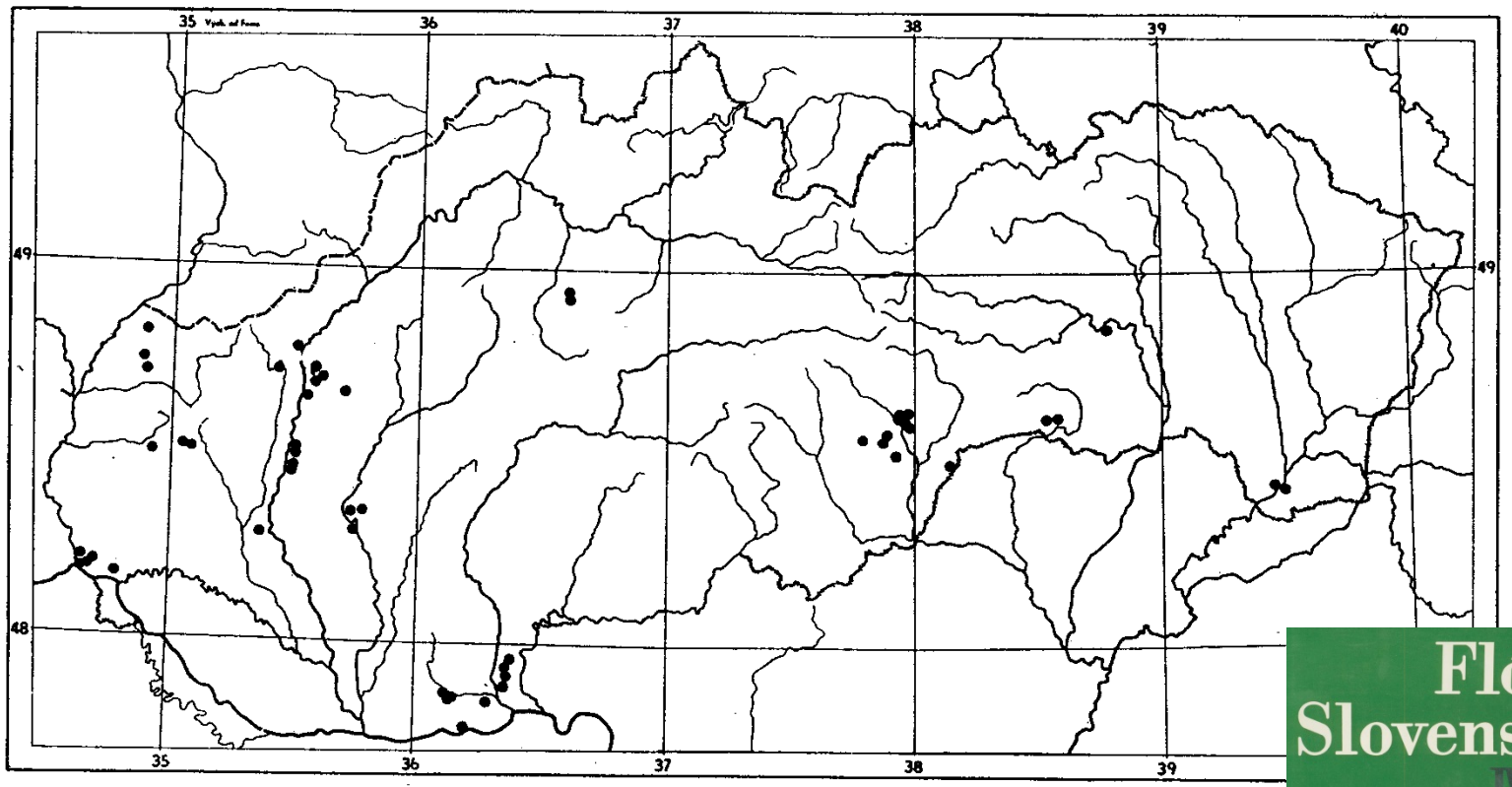




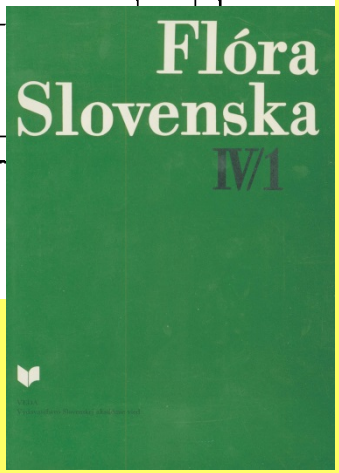
sieť stredoeurópskeho mapovania, základné polia 10 × 6 zemepisných minút, delia sa ďalej na 16 polí


KARTEN III
MEUSEL/JÄGER
VERGLEICHENDE CHOROLOGIE
DER ZENTRALEUROPÄISCHEN FLORA

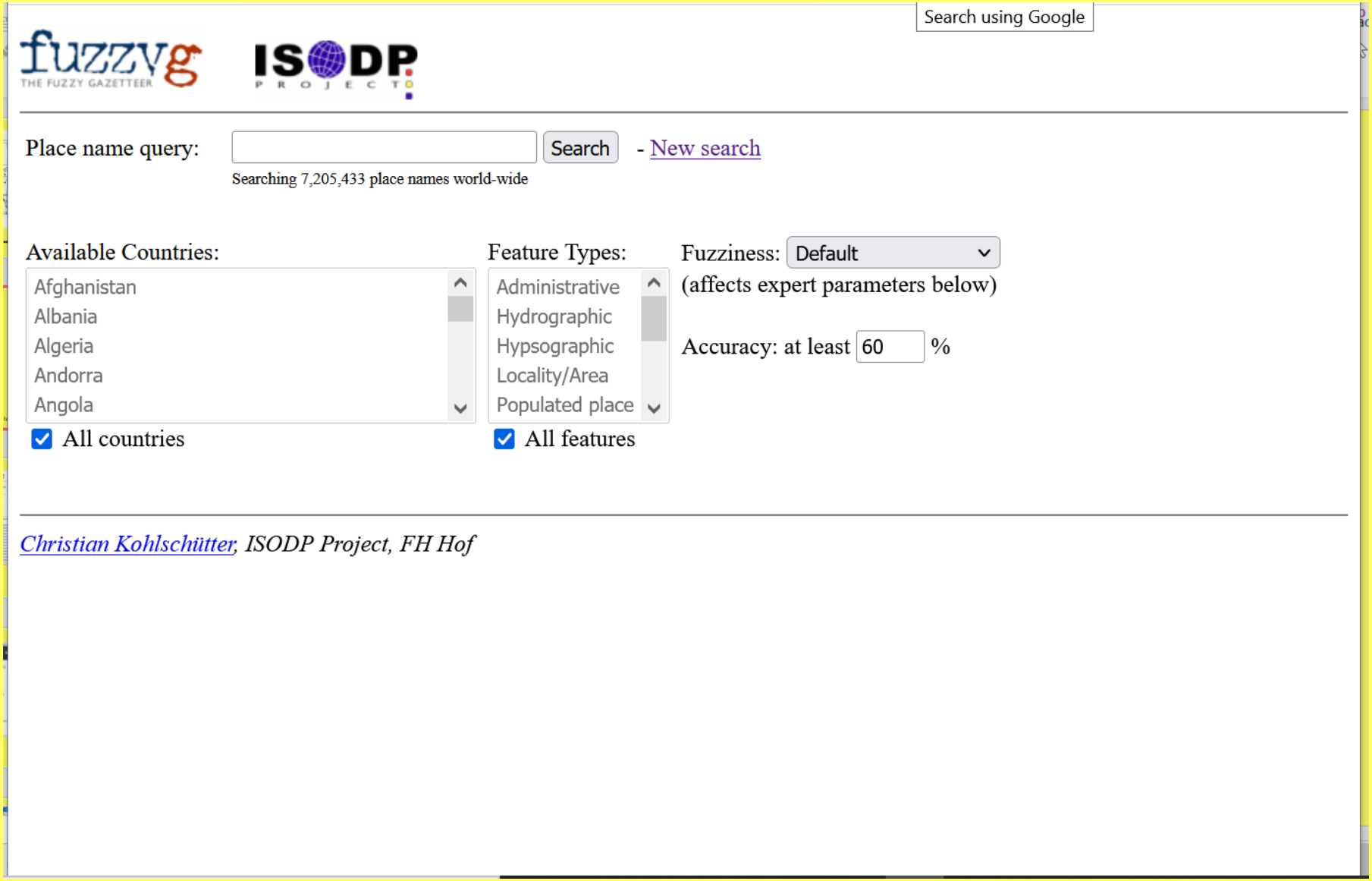

Doronicum L. (mit Artenzahlen) sa synanthrop



Mapa 45. ● *Seseli hippomarathrum* Jacq.



Bodová mapa – príklad z diela Flóra Slovenska



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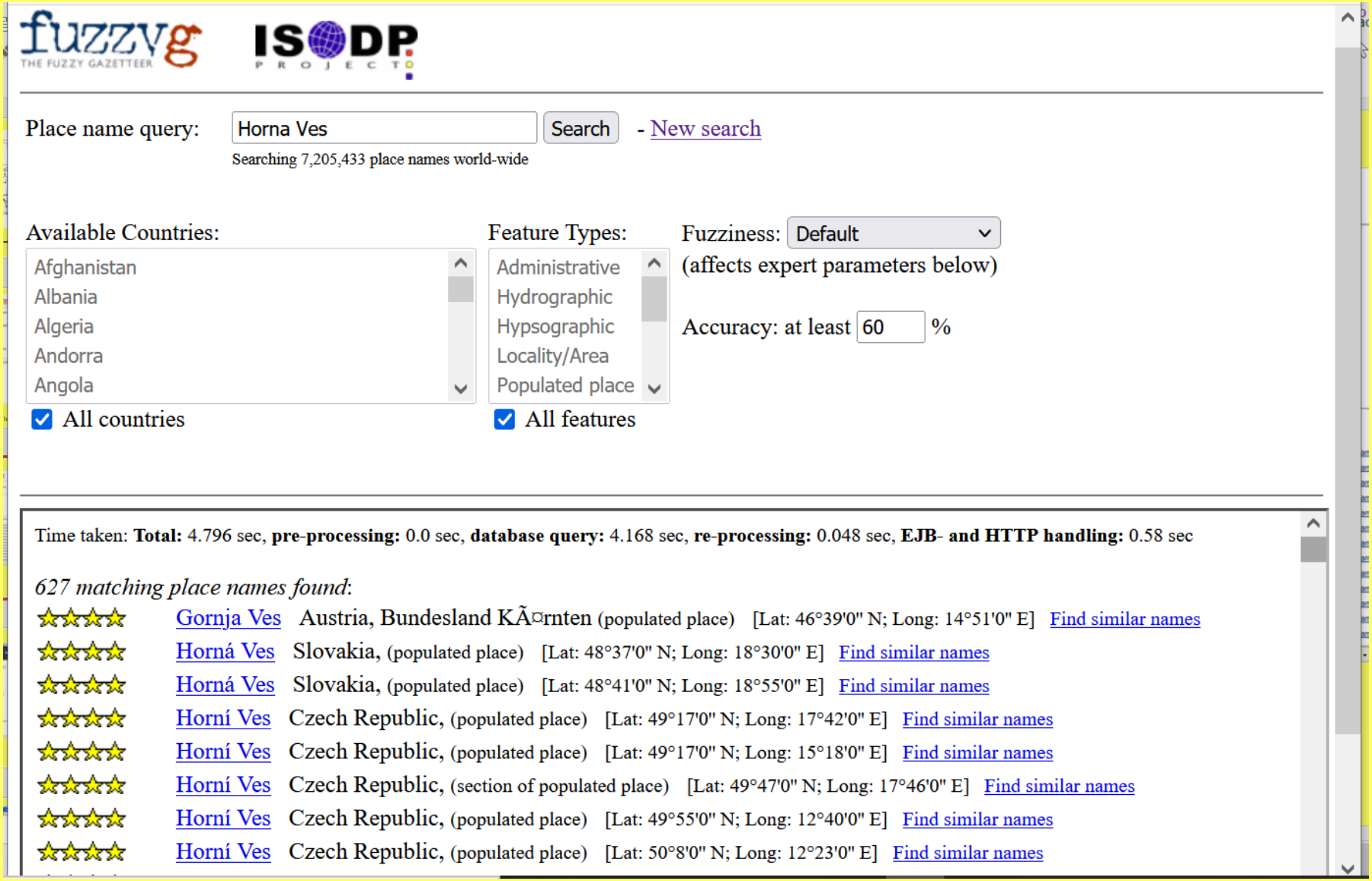


http://isodp.hof-university.de/fuzzyg/query/

DUPLA EX HERBARIO REGII HORTI MATRITENSIS

Cardamine raphanifolia Pourret subsp. **gallaecica** Laínz

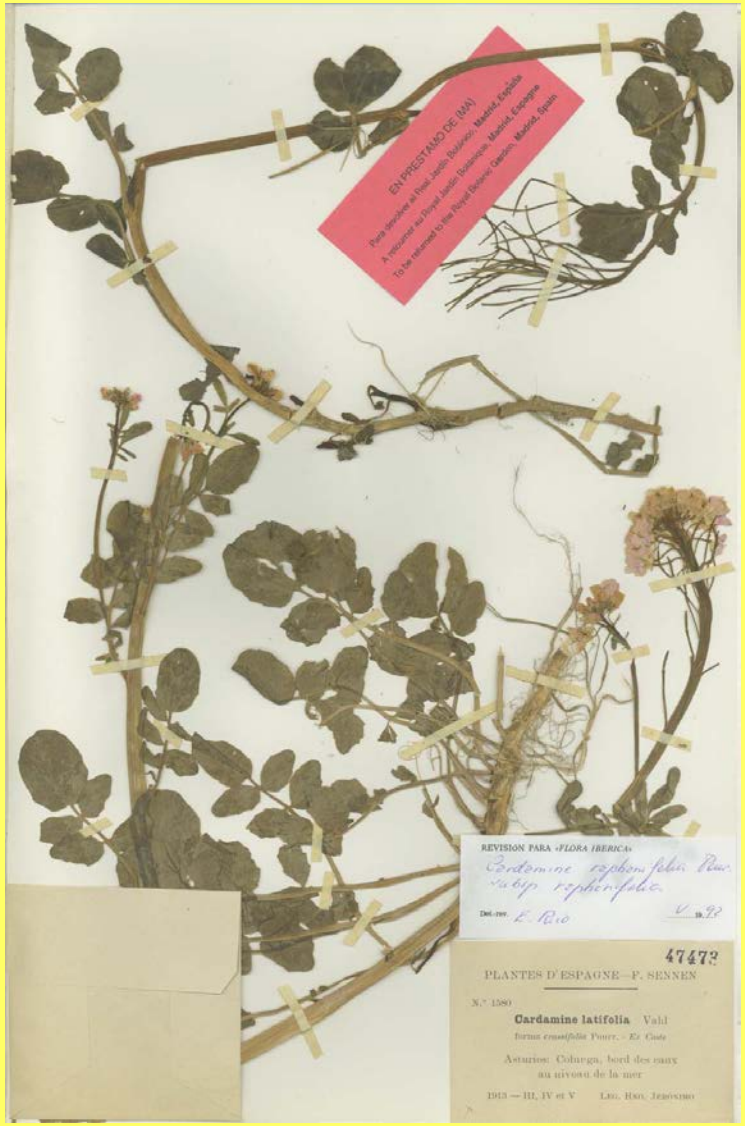
LEON: Montes Aquilianos, arroyo de la Yegua (QG0398), 1600 m, 25-VI-1984, Castroviejo, Fernández, Galán, Nieto Feliner & Valdés-Bermejo, Nº 1038 GN.

det. G.Nieto Feliner

číslo zberu (unikátne pre daného zberateľa)

číslo herbárovej položky (unikátne pre daný herbár)

revízny lístok



REVISION PARA «*FLORA IBERICA*»

Cardamine raphanifolia Pourr.
subsp. raphanifolia

Det.-rev. E. Rico ..... V 19 92

47473

PLANTES D'ESPAGNE—F. SENNEN

N.° 1580

Cardamine latifolia Vahl

forma *crassifolia* Pourr. - *Ex Coste*

Asturies: Colunga, bord des eaux
au niveau de la mer

1913 — III, IV et V LEG. HNO. JERÓNIMO

číslo exikátu (unikátne pre danú exikátovú zbierku)

číslo herbárovej položky (unikátne pre daný herbár)

47472

FLORA GRAECA.

curavit I. DÖRFLER.

No. 378.

Cardamine acris Gris.

Aetolia. M. Wardusia.

16. V. 1899.

leg.: Chr. Leonis.

číslo exikátu (unikátne pre danú exikátovú zbierku)

číslo herbárovej položky (unikátne pre daný herbár)

číslo exikátu (unikátne pre danú exikátovú zbierku)

SCHEDAE

AD

FLORAM EXSICCATAM AUSTRO-HUNGARICAM

Opus

CURA MUSEI BOTANICI UNIVERSITATIS VINDOBON

AUCTORE

A. KERNER.

IV.

VINDOBONAE.

E TYPOGRAPHIA CAESAREA REGIA AULICA

1886.

PROSTAT APUD GUILIELMUM FRICK

1372. Primula macrocalyx.

Bunge in *Ledebour* Flora Altaica I. p. 209. (1829).

E seminibus Altaicis in horto botanico Vindobonensi enata; nunc in omnibus graminosis subspontanaea.

Obschon es sehr wahrscheinlich ist, dass sich die Namen P. macrocalyx *Bunge* (1829) und P. inflata *Lehmann* (1817) auf die gleiche Pflanzenart beziehen und dem letzteren die Priorität gebühren würde (vergl. Nr. 1371), so scheint es doch passend, von dem *Lehmann*'schen Namen Umgang zu nehmen. *Lehmann* legt nämlich in der Beschreibung der P. inflata auf den gekerbten Saum der Blumenkrone ein besonderes Gewicht und schreibt: „Corollae limbus, quod ex icone patebit, plus minusve crenatus apparet; quod quidem tantopere naturae conveniens nec ab insectorum morsu aliave fortuita violatione productum videbatur, ut in figura delineandum, nec non in descriptione memorandum esse duxerim." — In beiden Figuren auf Tafel II der *Lehmann*'schen Monographie erscheint auch der Kronensaum ringsum gekerbt. Ob diese Kerbung des Kronensaumes an den Exemplaren, welche *Lehmann* vorliegen hatte, normal oder eine Bildungsabweichung war, oder ob dieselbe nicht doch durch Insectenfrass veranlasst wurde, muss dahingestellt bleiben. An Primula macrocalyx *Bunge* wurde diese Kerbung niemals beobachtet.

A. Kerner.

1373. Primula officinalis.

Linné Spec. plant. ed. I. p. 142. (1753) pro var. P. veris. — *Scop.* Fl. Carniol. I. p. 132. (1772).

Syn. P. veris *Lehmann* Monogr. Primul. p. 27. (1817).

Austria superior. In graminosis ad Seitenstetten.

Strasser.

1374. Primula brevistyla.

(subacaulis × officinalis.)

De Cand. Fl. fr. V. p. 383. (1805).

Conf. *A. Kerner* in Oesterr. botan. Zeitschr. XXV. p. 77. (1875).

Austria superior. In collibus graminosis ad Reichraming; solo calc.

Steininger.

1375. Primula Austriaca.

Wettstein.

(acaulis × pannonica.)

Similis Primulae brevistylae *De Cand.* Ab illa characteribus eisdem distinguitur, quibus P. Pannonica *Kern.* a P. officinali *L.* differt. Folia ovata vel elliptica, basin versus subcontracta vel sensim in petiolum decurrentia, supra minutissime hirsuta, infra inprimis in nervis puberula. Scapus longitudine varia, 4—12$^{cmt.}$ longus, puberulus; pedicelli 2—7$^{cmt.}$ longi. Flores forma, magnitudine, colore uni alterive parentum similiores.

Austria inferior. Ad margines silvarum montis Gaisberg ad Rodaun inter parentes; solo calcareo; 550—600$^{mt.}$ s. m.

Primula Austriaca findet sich stets dort, wo P. Pannonica und acaulis zusammentreffen und blüht am Ende der Blüthezeit der letzteren, bevor noch P. Pannonica zur vollen Blüthe kommt. Sie steht in der Form, Grösse und Farbe der Blüthen, in der Länge der Blüthenschäfte und Blüthenstiele, sowie endlich in Behaarung und Zuschnitt der Blätter der P. Pannonica näher; viel seltener ist ein der P. acaulis mehr ähnelnder Bastart, der an den kurzen (2—4$^{cmt.}$ langen) Blüthenschäften und den langgestielten, lichteren und grösseren Blüthen kenntlich ist. Am meisten nähert sich P. Austriaca der P. brevistyla *D. C.*, von der sie sich durch die stärkere Behaarung und die graue Färbung der Blätter, sowie durch die weiteren Kelche unterscheidet.

Wettstein.

1376. Primula integrifolia.

Linné Spec. plant. ed. I. p. 144. (1753) pr. parte.

Syn. Primula foliis glabris carnosis integerrimis *Haller* Enumer. meth. stirp. Helv. p. 485. (1742). — Pr. Candolleana *Reichenb.* Iconogr. VI. fig. 802—803. (1828).

Vorarlbergia. In valle superiore Samina; 1900$^{mt.}$ s. m.

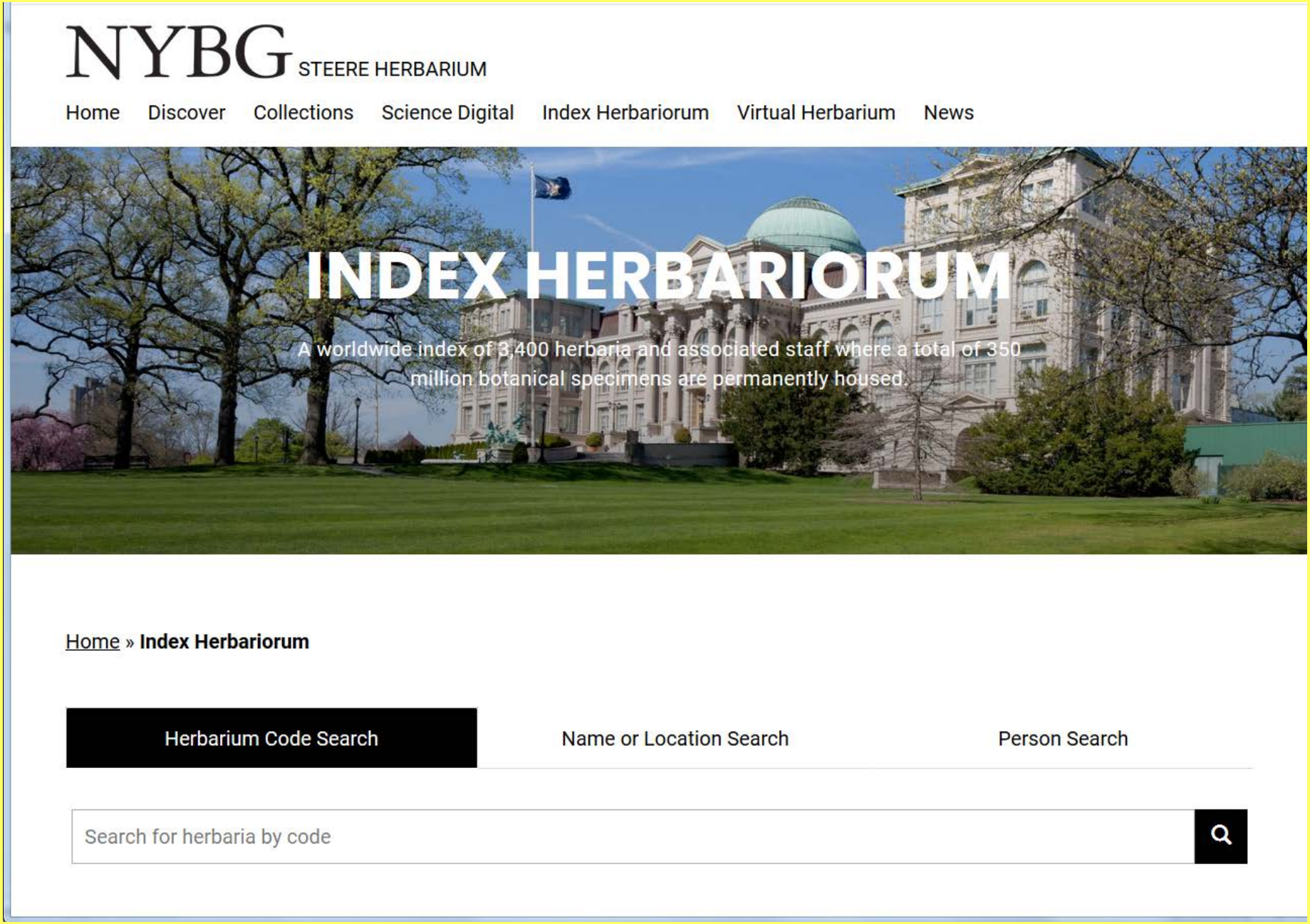
Schönach.

1377. Primula Clusiana.

Tausch in Flora IV. p. 364. (1821).

Syn. Auricula ursi IV. *Clus.* Stirp. Pann. p. 348.—349. (1583). — Primula integrifola *Linné* Spec. plant. ed. I. p. 144. (1753) pr. parte; *Jacq.* Enum. p. 32. (1762); non *Tausch.* — P. spectabilis *Mert. et Koch* in *Roehl.* Deutschl. Fl. II. p. 116. (1826); non *Tratt.* Archiv.

http://sweetgum.nybg.org/science/ih/



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Charles University in Prague

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Herbarium Code
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Active

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Zdenek Soldán, Curator for Cryptogams, sold@natur.cuni.cz
Ondrej Koukol, Curator of Fungi, ondrej.koukol@natur.cuni.cz;
Patrik Mráz, Head Curator, mrazpat@natur.cuni.cz
Viera Mrázová, mrazovv3@natur.cuni.cz
Jirí Hadinec, Curator for Vascular Plants, hadinec@natur.cuni.cz
David Svododa, Curator of Algae and Lichens, david.svoboda@natur.cuni.cz
Adéla Pokorná, Curator of Seeds and Fruits, adepo@seznam.cz

Contact
[420] 221 951 642
Fax: [420] 221 951 645
Email: mrazpat@natur.cuni.cz

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Department of Botany
Faculty of Natural Sciences
Charles University in Prague
Benátská 2
Praha 2 CZ-12801
Czech Republic
https://botany.natur.cuni.cz/cevnate/prc/index.php?lang=en

Specialty
Geography: Worldwide, especially central Europe, Carpathian Mountains, and Balkan Peninsula

Notes
Updated Jan 2016 (staff updates).

Date Founded
1775

Updated
/01/2016

Important Collectors
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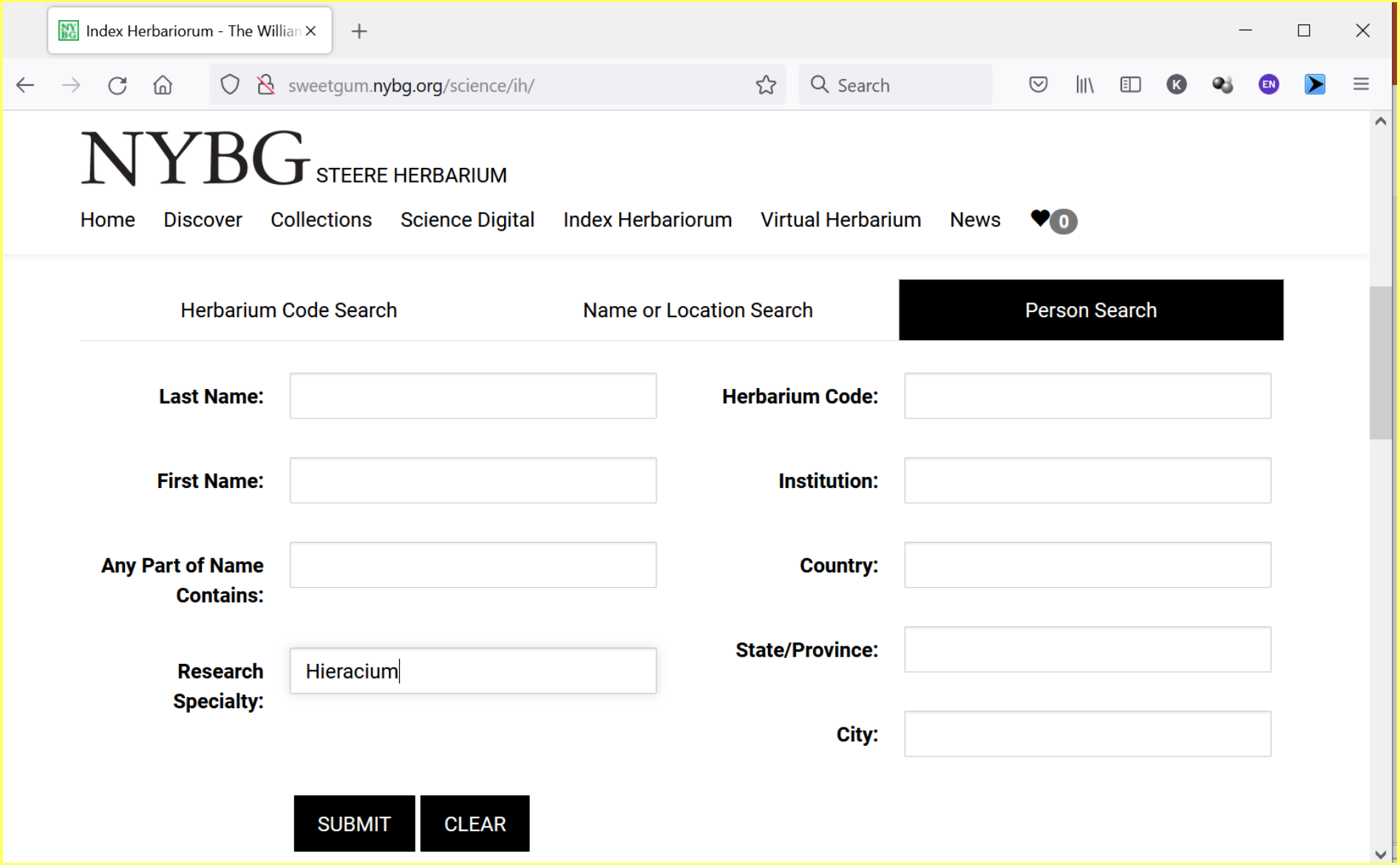
Martin Certner	PRC	Charles University in Prague	Czech Republic. Praha.	Polyploid complexes of vascular plants
Thomás Fér	PRC	Charles University in Prague	Czech Republic. Praha.	Molecular markers; phylogeography
Jirí Hadinec	PRC	Charles University in Prague	Czech Republic. Praha.	Vascular plant taxonomy
Vit Hubka	PRC	Charles University in Prague	Czech Republic. Praha.	Mycology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Person	Herbarium Code	Institution	Location	Research Pursuits
G. Brandstätter	LI	Upper Austrian State Museum	Austria. Linz.	*Hieracium*; Asteraceae
Siegfried Bräutigam	GLM	Senckenberg Gesellschaft für Naturforschung: Senckenberg Museum für Naturkunde Görlitz	Germany. Görlitz.	taxonomy, geography; Asteraceae: *Hieracium*, *Pilosella*; Eurasia
Jindrich Chrtek Jr.	PRA	Institute of Botany, Academy of Sciences	Czech Republic. Pruhonice.	*Hieracium*, Asteraceae
Teddy M. Dolstra	TDH	Herbarium Teddy M. Dolstra ((Het Stellingwerfs Herbarium)	The Netherlands. Friesland. Nijeholtwolde.	Ecology; *Hieracium, Carex* worldwide
Günter Gottschlich	STU	Staatliches Museum für Naturkunde Stuttgart	Germany. Stuttgart.	*Hieracium*; Asteraceae
Gonzalo Mateo	VAL	Universitat de València	Spain. E-46008 València.	*Hieracium*; Asteraceae; *Thymus*; Lamiaceae; *Biscutella*; Brassicaceae; chorology
Norbert Meyer	NHG	Naturhistorische Gesellschaft Nürnberg e.V.	Germany. Hemhofen.	*Sorbus*, Rosaceae; *Hieracium*, Asteraceae; vascular plants of Central Europe and the Mediterranean

Herba enangioſpermæ *ſeu* vaſculiferæ *flore monopetalo ſunt vel eodem.*

- *Uniformi* ſeu regulari, variorum generum;
  - *Integro*, vel in lacinias minus profundas ſecto; ut CONVOLVULUS, NICOTIANA &c.
  - *Tetrapetalum referente* ſeu tetrapetaloide; ut VERONICA &c.
  - *Pentapetalum referente*; ſeu pentapetaloide
    - *Unicapſulares*; quibus ſeminum ſedes in medio eſt, exterius protegente vaſculo; ANAGALLIS. &c.
    - *Bicapſulares*; ſeu vaſculo in duo loculamenta diviſo ut CENTAURIUM MINUS. &c.
    - *Multicapſulares*, ſeu vaſculo in multa, id eſt plura duobus, loculamenta ſeu thecas diviſo; VALERIANA GRÆCA. &c.
- *Diſformi* ſeu irregulari,
  - *Figura varia*; ARISTOLOCHIA &c.
  - *Galeato aut labiato*; MELAMPYRUM &c.
  - *Roſtrum exprimente*
    - *Calcari prædito*; LINARIA.
    - *Calcari carente*; ANTIRRHINUM &c.

John Ray (1703), *Methodus* ...

ANALYSE DES ESPÈCES.

I. NOSTOCH. *NOSTOCH.*

1. { Plantes aquatiques..... *N. à verrues* (7).
   { Plantes non aquatiques..... 2.

2. { Plante lobée ou plissée..... 3.
   { Plante arrondie et non lobée ni plissée..... ..... 6.

3. { Peau ou enveloppe membraneuse..... 4.
   { Peau cartilagineuse..... 5.

4. { Plante verdâtre croissant sur la terre... *N. commun* (1).
   { Plante d'un verd noirâtre croissant sur les pierres ou les écorces..... ..... *N. lichenoïde* (3).

5. { Plante d'un brun jaunâtre..... *N. coriace* (2).
   { Plante d'un verd bleuâtre..... *N. découpé* (5).

6. { Plante fixée au sol par une radicule latérale..... ..... *N. en vessie* (4).
   { Point de racines ni de crampons..... 7.

7. { Globules sphériques souvent agglomérés..... ..... *N. sphérique* (6).
   { Globules irréguliers ordinairement distincts..... ..... *N. commun* (1).

Lamarck (1815), *Flore Française*

14. *Digitalis* L. – **náprstník***

a C nachová, uvnitř světlejší a červeně skvrnitá, zřídka bílá; čepel listů vejčitá až vejčitě kopinatá, u dol. listů náhle v řapík zúžená, na líci na silnějších žilkách vmáčklá, na rubu šedě plstnatá; K cípy vejčité (0,6–1,8; Hkf; VI–VIII; 2n = 56). Paseky, lesní světliny, okraje cest; jedovatý (Pa–H); pův. v z. Evropě; roztr. až dosti hojně; v Polabí a na stř. a j. M chybí . . . . . ***D. purpurea*** L., **n. červený**

b C žlutá n. hnědožlutá; čepel listů podlouhlá až kopinatá, plochá, u dol. listů se k bázi pozvolna zužující až nezúžená, na rubu lysá n. odstále chlupatá, neplstnatá; K cípy kopinaté 2

2a Květenství jednostranné; dol. pysk C žlutý, mnohem kratší než trubka, sotva 3× delší než ostatní cípy C 3

b Květenství všestranný hrozen; dol. pysk C bílý, téměř zdéli trubky, mnohem delší než cípy hor. pysku. – C světle žlutá až bělavá, s hnědou žilnatinou; trubka v 1/2 zúžená (0,4–0,8; Hkf; VI–VII; 2n = 56). Pův. z Balkánu; vz. pěst. jako léčivka a ojediněle zpl. . . . . ***D. lanata*** Ehrh., **n. vlnatý**

3a C zvonkovitá, většinou delší než 3 cm, uvnitř s hnědou kresbou; listy na rubu na žilkách odstále chlupaté (0,4–1; Hkf; VI–VIII; 2n = 56). Paseky, lesní světliny, křovinaté kamenité stráně, horské vysokostébelné nivy; jedovatý (Pa–Po, vz. až Sa); roztr. [*D. ambigua* Murray] . . . . . ***D. grandiflora*** Mill., **n. velkokvětý**

b C trubkovitá, obvykle kratší než 25 mm, uvnitř bez kresby; listy po obou stranách lysé n. téměř lysé; jedovatý (0,5–0,8; Hkf; V–VII; 2n = 56). Pův. v z. Evropě; vz. pěst. pro okrasu a ojediněle zpl. . . . . ***D. lutea*** L., **n. žlutý**

Kľúč nevyjadruje príbuznosť – ide „len“ o identifikačnu pomôcku!!!

RHOEADALES

66. PAPAVERACEAE

(Incl. *Fumariaceae*)

EDIT. J. R. EDMONDSON

1 Corolla actinomorphic
2 Sap watery; sepals connate, forming a hood **6. Eschscholzia**
2 Latex present; sepals free
3 Capsule less than 10 times as long as wide, narrowed at base
4 Style absent; stigmas on a sessile disc at top of ovary **1. Papaver**
4 Style short; stigmas distinct **2. Meconopsis**
3 Capsule more than 10 times as long as wide, ±parallel-sided
5 Flowers violet; capsule opening by 2–4 valves **3. Roemeria**
5 Flowers yellow or red; capsule opening by 2 valves
6 Flowers solitary; petals at least 2 cm; capsule 2-celled **4. Glaucium**
6 Flowers in a simple umbel; petals up to 1 cm; capsule 1-celled **5. Chelidonium**
1 Corolla zygomorphic or bisymmetrical
7 Corolla weakly zygomorphic; petals not spurred or saccate **7. Hypecoum**
7 Corolla strongly zygomorphic or bisymmetrical; upper petal spurred or saccate at base
8 Corolla bisymmetrical **8. Dicentra**
8 Corolla zygomorphic
9 At least the upper fruits 2- to many-seeded, dehiscent
10 Plant annual; tendrils present **16. Ceratocapnos**
10 Plant usually perennial; tendrils absent
11 Style deciduous, translucent
12 Plant much-branched but not forming dense cushion; fruit 3- to 14-seeded **11. Pseudofumaria**
12 Plant forming dense cushion; fruit usually 2-seeded **12. Sarcocapnos**
11 Style persistent, green
13 Inflorescence racemose; bracts conspicuous **9. Corydalis**
13 Inflorescence cymose; bracts inconspicuous **10. Capnoides**
9 All fruits 1-seeded, indehiscent
14 Upper petal saccate; stigma 3-fid, the middle lobe deeply notched, the lateral patent or deflexed **14. Platycapnos**
14 Upper petal spurred; stigma 2-lobed, with a small tooth between lobes
15 Cauline leaves numerous; flowers in racemes **13. Fumaria**
15 Cauline leaves few; flowers in corymbs **15. Rupicapnos**

DELTA - DEscription Language f

https://www.delta-intkey.com

Search

DELTA – DEscription Language for TAxonomy

The DELTA format (DEscription Language for TAxonomy) is a flexible method for encoding taxonomic descriptions for computer processing. DELTA-format data can be used to produce natural-language descriptions, conventional or interactive keys, cladistic or phenetic classifications, and information-retrieval systems.

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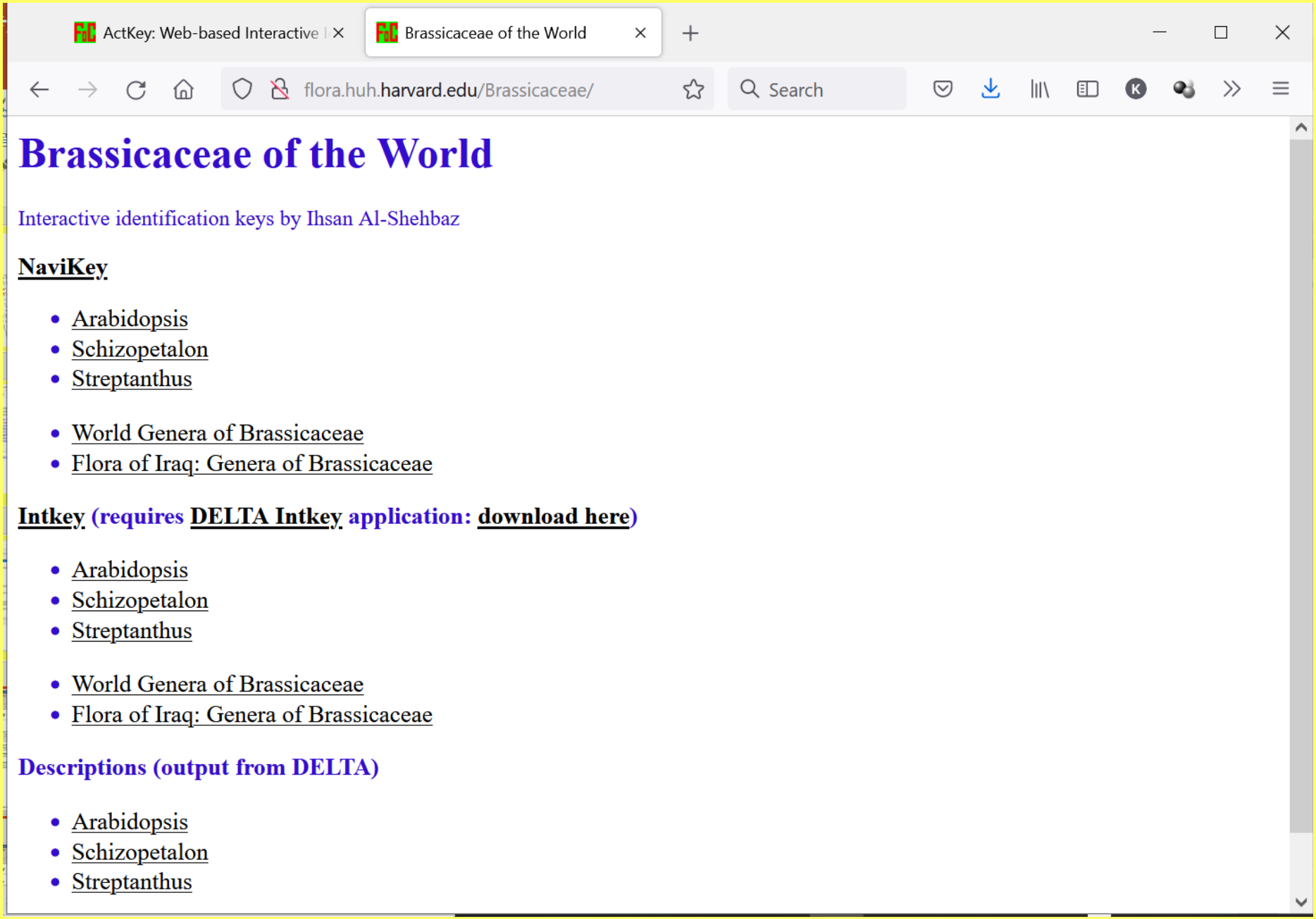
Southern IPM Center

Bugwood Center for Invasive Species and Ecosystem Health



Brassicaceae of the World

Interactive identification keys by Ihsan Al-Shehbaz

NaviKey

- Arabidopsis
- Schizopetalon
- Streptanthus

- World Genera of Brassicaceae
- Flora of Iraq: Genera of Brassicaceae

Intkey (requires DELTA Intkey application: download here)

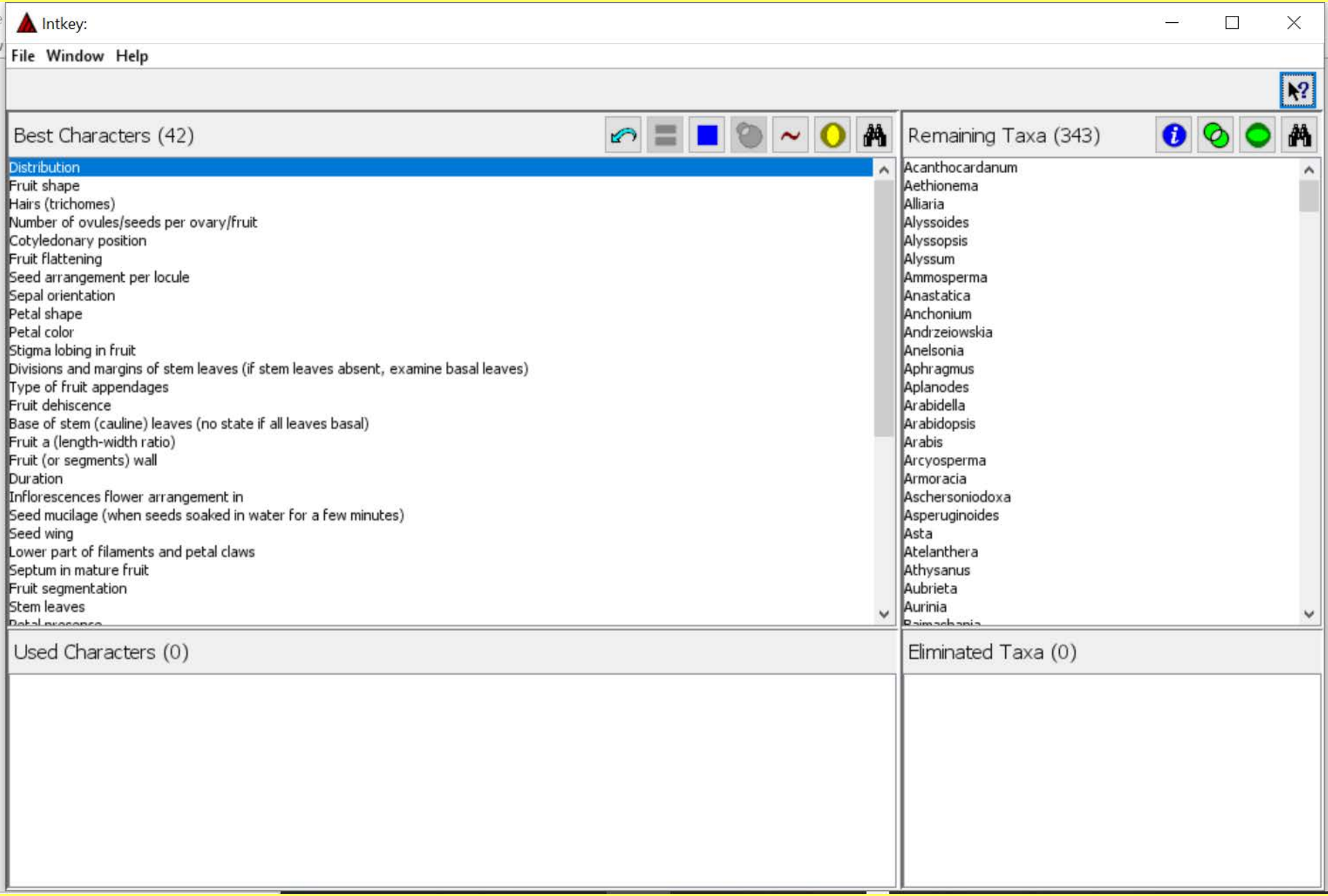
- Arabidopsis
- Schizopetalon
- Streptanthus

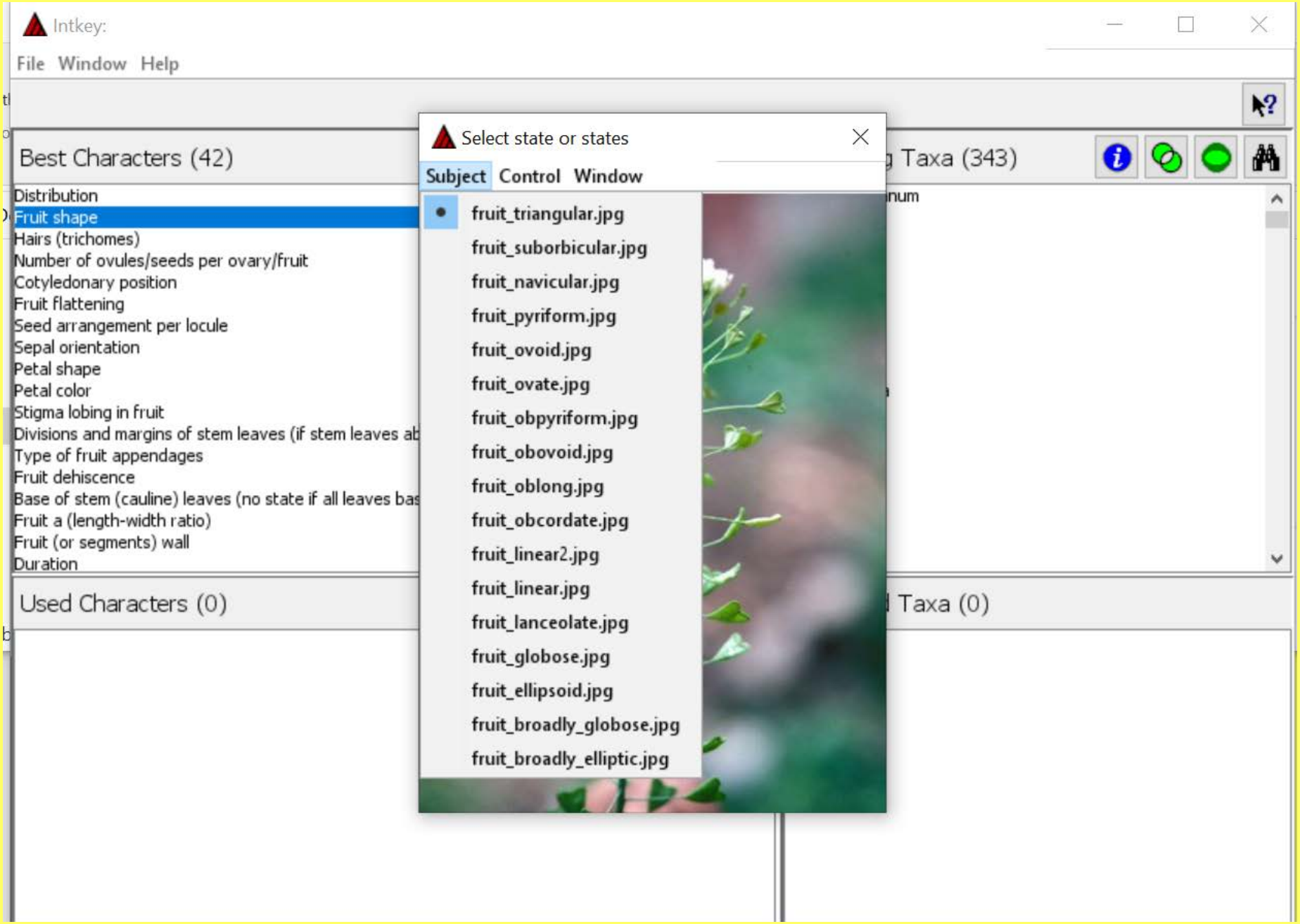
- World Genera of Brassicaceae
- Flora of Iraq: Genera of Brassicaceae

Descriptions (output from DELTA)

- Arabidopsis
- Schizopetalon
- Streptanthus

http://flora.huh.harvard.edu/Brassicaceae/


Intkey:
File Window Help
Best Characters (42)
Distribution
Fruit shape
Hairs (trichomes)
Number of ovules/seeds per ovary/fruit
Cotyledonary position
Fruit flattening
Seed arrangement per locule
Sepal orientation
Petal shape
Petal color
Stigma lobing in fruit
Divisions and margins of stem leaves (if stem leaves absent, examine basal leaves)
Type of fruit appendages
Fruit dehiscence
Base of stem (cauline) leaves (no state if all leaves basal)
Fruit a (length-width ratio)
Fruit (or segments) wall
Duration
Inflorescences flower arrangement in
Seed mucilage (when seeds soaked in water for a few minutes)
Seed wing
Lower part of filaments and petal claws
Septum in mature fruit
Fruit segmentation
Stem leaves
Remaining Taxa (343)
Acanthocardanum
Aethionema
Alliaria
Alyssoides
Alyssopsis
Alyssum
Ammosperma
Anastatica
Anchonium
Andrzeiowskia
Anelsonia
Aphragmus
Aplanodes
Arabidella
Arabidopsis
Arabis
Arcyosperma
Armoracia
Aschersoniodoxa
Asperuginoides
Asta
Atelanthera
Athysanus
Aubrieta
Aurinia
Used Characters (0)
Eliminated Taxa (0)


Intkey:
File Window Help
Best Characters (42)
Distribution
Fruit shape
Hairs (trichomes)
Number of ovules/seeds per ovary/fruit
Cotyledonary position
Fruit flattening
Seed arrangement per locule
Sepal orientation
Petal shape
Petal color
Stigma lobing in fruit
Divisions and margins of stem leaves (if stem leaves ab
Type of fruit appendages
Fruit dehiscence
Base of stem (cauline) leaves (no state if all leaves bas
Fruit a (length-width ratio)
Fruit (or segments) wall
Duration
Used Characters (0)
Taxa (343)
Taxa (0)
Select state or states
Subject Control Window
fruit_triangular.jpg
fruit_suborbicular.jpg
fruit_navicular.jpg
fruit_pyriform.jpg
fruit_ovoid.jpg
fruit_ovate.jpg
fruit_obpyriform.jpg
fruit_obovoid.jpg
fruit_oblong.jpg
fruit_obcordate.jpg
fruit_linear2.jpg
fruit_linear.jpg
fruit_lanceolate.jpg
fruit_globose.jpg
fruit_ellipsoid.jpg
fruit_broadly_globose.jpg
fruit_broadly_elliptic.jpg

Intkey:

File Window Help

Best Characters (42)

Distribution
Fruit shape
Hairs (trichomes)
Number of ovules/seeds per ovary/fruit
Cotyledonary position
Fruit flattening
Seed arrangement per locule
Sepal orientation
Petal shape
Petal color
Stigma lobing in fruit
Divisions and margins of stem leaves (if stem leaves ab
Type of fruit appendages
Fruit dehiscence
Base of stem (cauline) leaves (no state if all leaves bas
Fruit a (length-width ratio)
Fruit (or segments) wall
Duration

g Taxa (343)

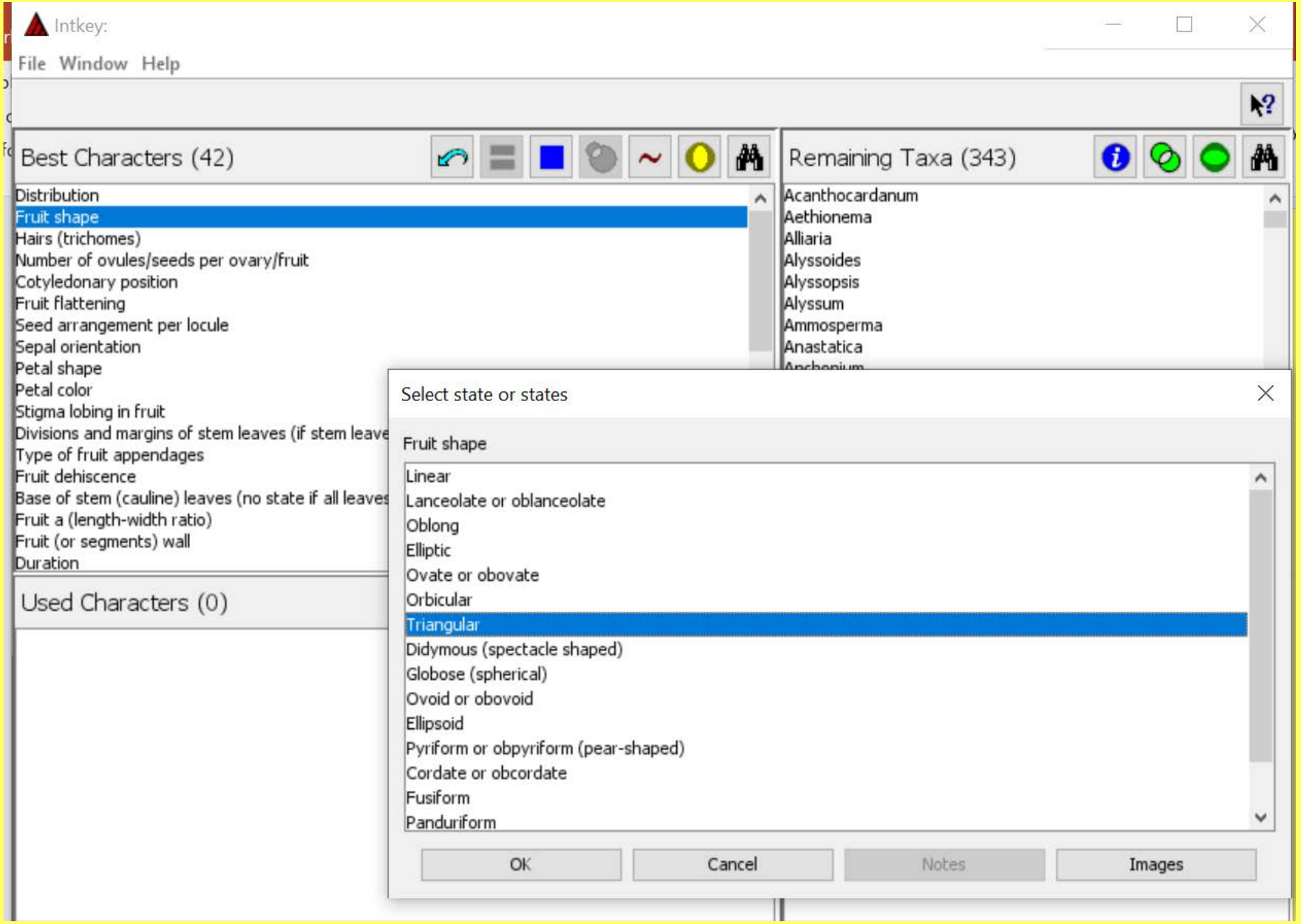
num

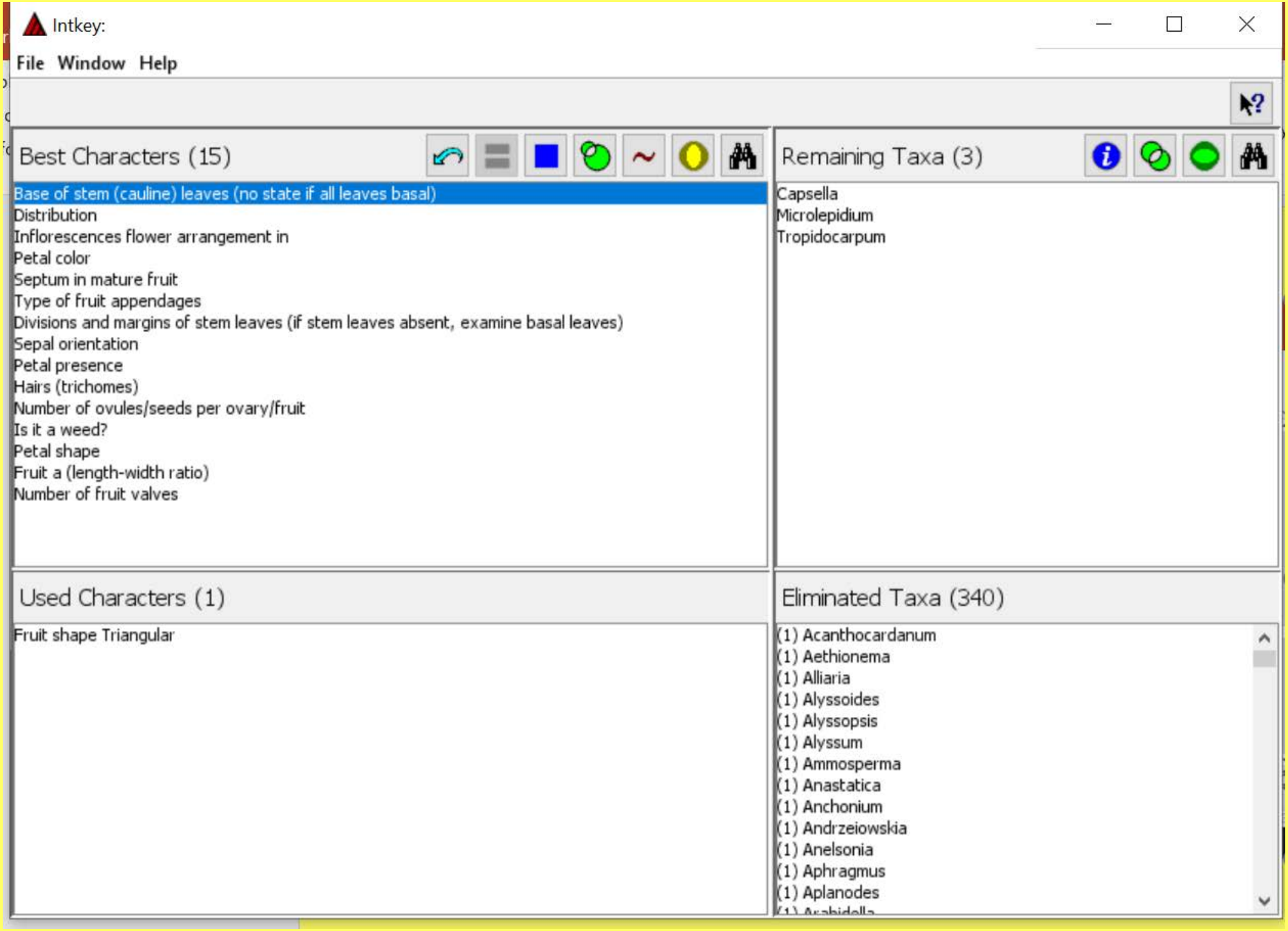
Used Characters (0)

l Taxa (0)

Select state or states

Subject Control Window


Intkey:
File Window Help
Best Characters (42)
Distribution
Fruit shape
Hairs (trichomes)
Number of ovules/seeds per ovary/fruit
Cotyledonary position
Fruit flattening
Seed arrangement per locule
Sepal orientation
Petal shape
Petal color
Stigma lobing in fruit
Divisions and margins of stem leaves (if stem leave
Type of fruit appendages
Fruit dehiscence
Base of stem (cauline) leaves (no state if all leaves
Fruit a (length-width ratio)
Fruit (or segments) wall
Duration
Used Characters (0)
Remaining Taxa (343)
Acanthocardanum
Aethionema
Alliaria
Alyssoides
Alyssopsis
Alyssum
Ammosperma
Anastatica
Select state or states
Fruit shape
Linear
Lanceolate or oblanceolate
Oblong
Elliptic
Ovate or obovate
Orbicular
Triangular
Didymous (spectacle shaped)
Globose (spherical)
Ovoid or obovoid
Ellipsoid
Pyriform or obpyriform (pear-shaped)
Cordate or obcordate
Fusiform
Panduriform
OK
Cancel
Notes
Images


Intkey:
File Window Help
Best Characters (15)
Base of stem (cauline) leaves (no state if all leaves basal)
Distribution
Inflorescences flower arrangement in
Petal color
Septum in mature fruit
Type of fruit appendages
Divisions and margins of stem leaves (if stem leaves absent, examine basal leaves)
Sepal orientation
Petal presence
Hairs (trichomes)
Number of ovules/seeds per ovary/fruit
Is it a weed?
Petal shape
Fruit a (length-width ratio)
Number of fruit valves
Remaining Taxa (3)
Capsella
Microlepidium
Tropidocarpum
Used Characters (1)
Fruit shape Triangular
Eliminated Taxa (340)
(1) Acanthocardanum
(1) Aethionema
(1) Alliaria
(1) Alyssoides
(1) Alyssopsis
(1) Alyssum
(1) Ammosperma
(1) Anastatica
(1) Anchonium
(1) Andrzeiowskia
(1) Anelsonia
(1) Aphragmus
(1) Aplanodes

ActKey: Web-based Interactive

flora.huh.harvard.edu/china/ActKey/

Search

Flora of China

Interactive identification keys:

Web-based interactive identification keys to large genera of the flora of China are available in DELTA Intkey and NaviKey formats. Additional keys are also available in ActKey format.

The latest version of a web browser is recommended for best results. Entering one or more state(s) for any character(s) in the left frame narrows down the list of potential identifications in the right frame.

- Flora of China: DELTA Intkey (large genera)
- Flora of China: NaviKey (large genera)

For more information, please see the following papers:

- Brach, A. R. & H. Song. 2005. ActKey: a Web-based interactive identification key program. Taxon 54(4): 1041-1046.
- Kuoh, Chang-Sheng & Hong Song. 2005. Interactive key to Taiwan grasses using characters of leaf anatomy - the ActKey approach. Taiwania 50: 261-271.

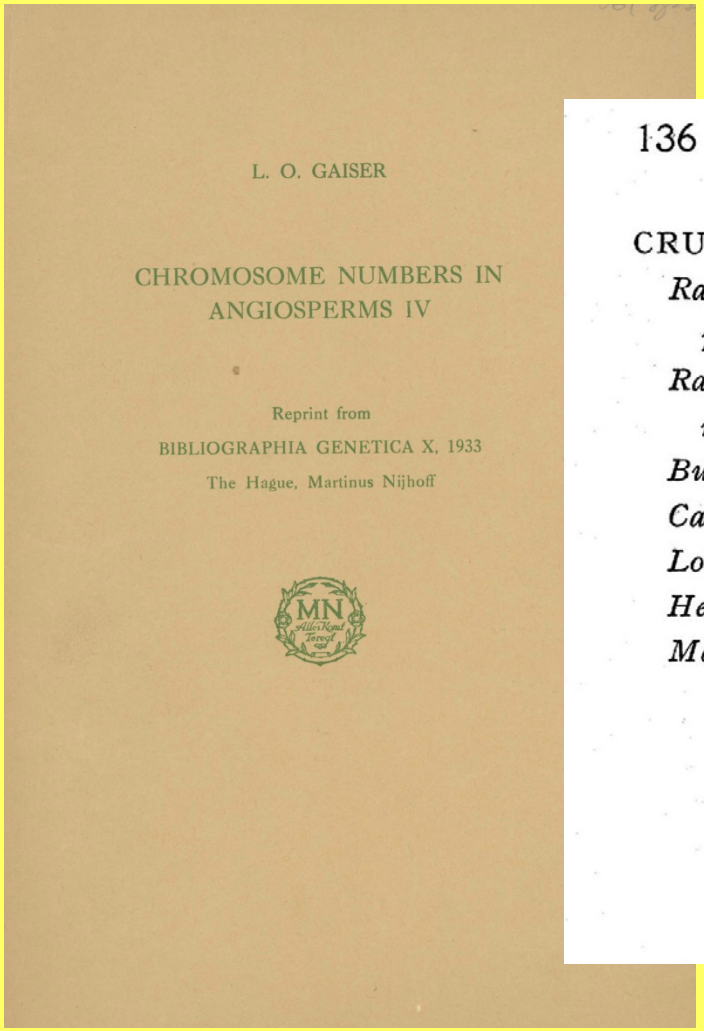
Support was provided by various annual grants from the U.S. National Science Foundation, the Starr Foundation, and the Stanley Smith Horticultural Trust.

http://flora.huh.harvard.edu/china/ActKey/

Prehľady počtov chromozómov uverejnených v literatúre

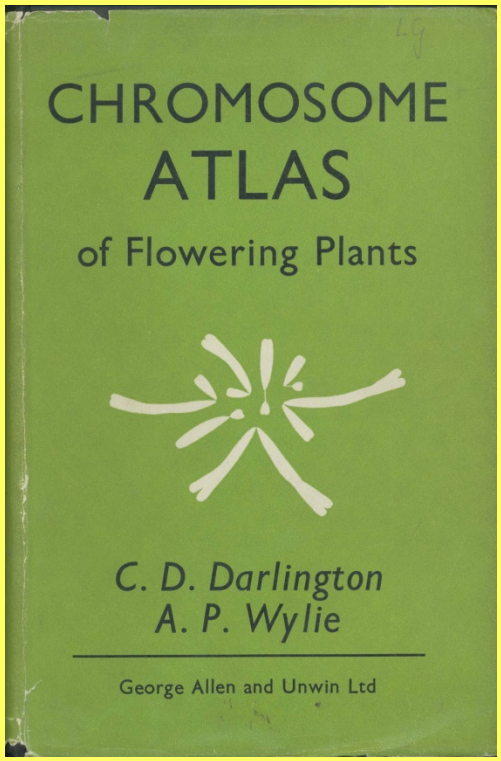
(Pozor: nejde o primárny zdroj informácie – uvedené zdroje nevyhnutne obsahujú nezanedbateľné množstvo chýb)

- **Prvé prehľady počtov chromozómov (Gaiser, Darlington ...)**
- **Univerzálne prehľady (Bolkovskich et al., IPCN ...)**
- **Informácie dostupné prostredníctvom internetu**
- **Cytotaxonomické atlasy redigované Á. Löve a D. Löve**
- **Národné a regionálne prehľady**
- **IOPB Chromosome number reports (Taxon, IOPB Newsletter), Mediterranean chromosome number reports (Flora Mediterranea)**



CRUCIFERAE (continued)	n	2n	
Raphanobrassica × *Brassica pekinensis*		28	KARPECHENKO, 1930.
Raphanobrassica × *Raphanus raphanistrum*		27	„ „
Bursa grandiflora	8		LAWRENCE, 1930.
Cardamine pratensis	15 [1])		„ „
Lobularia maritima	12		„ „
Hesperis tristis	14		„ „
Matthiola bicornis D.C.		14	MANTON, 1930.
„ *fenestralis* R. Br.		14	„ „
„ *odoratissima* R. Br.		12	„ „
„ *parviflora* R. Br.		14	„ „
„ *sinuata* R. Br.		14	„ „
„ *tatarica* D.C.		12	„ „
„ *Thessala* Boiss. et O.		12	„ „

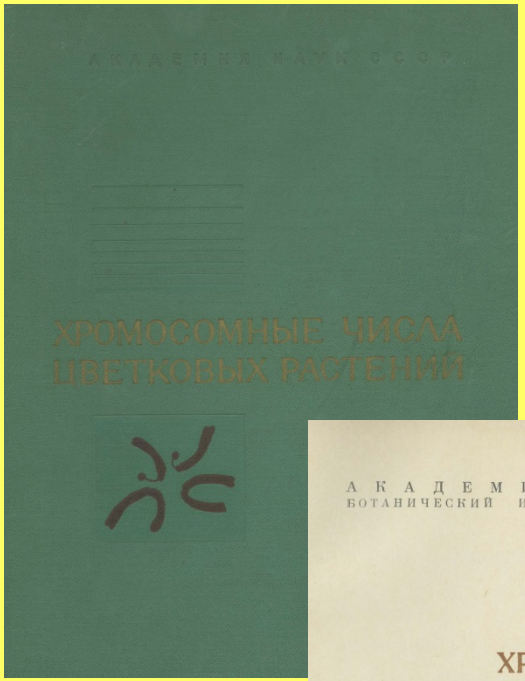
Gaiser, L. O., 1926: A list of chromosome numbers in angiosperms. *Genetica* 8: 401-484.
Gaiser, L. O., 1930: Chromosome numbers in angiosperms II. *Bibl. Genet.* 5: 171-466.
Gaiser, L. O., 1930: Chromosome numbers in angiosperms III. *Genetica* 12: 156-256.
Gaiser, L. O., 1933: Chromosome numbers in angiosperms IV. *Bibl. Genet.* 10: 105-250.

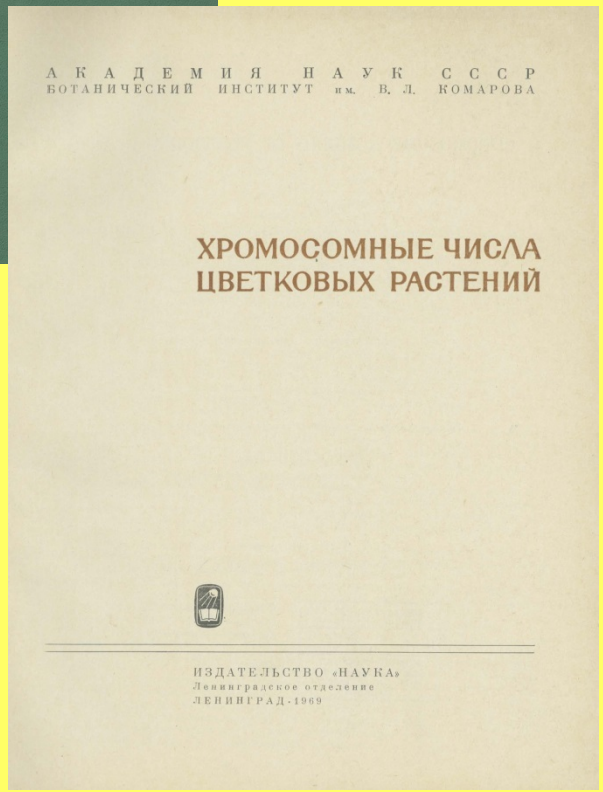


120 MELASTOMACEAE

MEMECYLON $x = 7$				
aylmeri	14	Favarger 1952a	—	W. Tr. Africa
SONERILA $x = 8$				
wallichii	16	Subramanyam 1944	—	India
GUYONIA $x = 9$				
ciliata	18	Favarger 1952a	—	W. Tr. Africa
OSBECKIA $x = 10$				
afzelii	20	Favarger 1952a	—	W. Tr. Africa
liberica	20	,, ,,	M	,,
tubulosa	20	,, ,,	M	,,
parvifolia (*zeylanica*)	20	Subramanyam 1946	H	Ceylon
rosea	40	,, ,,	—	Nilgiri
DISSOTIS $x = 10, 16, 17$				
brazzaei	20	Favarger 1952a	—	W. Tr. Africa
rotundifolia	30	,, ,,	HM	,,
jacquesii	32	,, ,,	—	,,
capitata	34	,, ,,	BM	,,

Darlington, C. D. & Wylie, A. P., 1955: Chromosome atlas of flowering plants. Ed. 2. George Allen & Unwin, London. (ed. 1, 1945, Darlington, C. D. & Janaki Ammal, E. K.)





Callitriche L.

2n	6	10	20	38	40	В. п.	Р. ч.	Всего изучено
Число видов	3	3	3	1	3	2	5	20

antarctica Engelm.	40	Moore D. M. 1960 Beuzenberg, Hair 1963
aucklandica R. Mason	40	Beuzenberg, Hair 1963
autumnalis L.	6	Jörgensen 1923 Соколовская 1932 Tischler 1934
cophocarpa Sendtn.	10	Schotsman 1961c
	12	Schotsman 1958
deflexa A. Br.	10	Schotsman 1961b
elegans V. Petr.	20	Соколовская 1960a
hamulata Kütz.	38	Jörgensen 1923 Tischler 1934 Rohweder 1937 Schotsman 1954, 1958, 1961a, b, c Savidge 1960a
	38, 40	Löve A., Löve D. 1956b
hermaphroditica L.	6	Jones H. 1955 Löve A., Löve D. 1956b Savidge 1960a
intermedia	38	Jones H. 1955
muelleri Sond.	10	Beuzenberg, Hair 1963
obtusangula Legall.	10	Schotsman 1954, 1958, 1961a, b Jones H. 1955 Savidge 1956b, 1960a
palustris L.	20	Schotsman 1954, 1958, 1961a

Bolkovskich, Z. et al. 1969: *Chromosomnye čisla cvetkovych rastenij*. Nauka, Leningrad.

Index to plant chromosome numbers for 1956-1957 (Supplement prior 1956). **- California Botanical Society, Berkeley, 1958-1959.**

Index to plant chromosome numbers for 1958-1964**. - University of North Carolina Press, Chapel Hill, 1959-1964.**

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Index to plant chromosome numbers for 1966. – *Regnum Veg*. 55, 1968.

Index to plant chromosome numbers for 1967. – *Regnum Veg*. 59, 1969.

Index to plant chromosome numbers for 1968. – *Regnum Veg*. 68, 1970.

Index to plant chromosome numbers for 1969. – *Regnum Veg*. 77, 1971.

Index to plant chromosome numbers for 1970. – *Regnum Veg*. 84, 1972.

Index to plant chromosome numbers for 1967-1971. – *Regnum Veg*. 90, 1973.

Index to plant chromosome numbers for 1972. – *Regnum Veg*. 91, 1974.

Index to plant chromosome numbers for 1973/74. – *Regnum Veg*. 96, 1977.

Index to plant chromosome numbers 1975-1978. – *Monogr. Syst. Bot. Missouri Bot. Gard*. 5, 1981.

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Index to plant chromosome numbers 1982-1983. – *Monogr. Syst. Bot. Missouri Bot. Gard*. 13, 1985.

***Index to plant chromosome numbers 1984-1985. – *Monogr. Syst. Bot. Missouri Bot. Gard*. 23, 1988.**

***Index to plant chromosome numbers 1986-1987. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 30, 1990.**

***Index to plant chromosome numbers 1988-1989. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 40, 1991.**

***Index to plant chromosome numbers 1990-1991. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 51, 1994.**

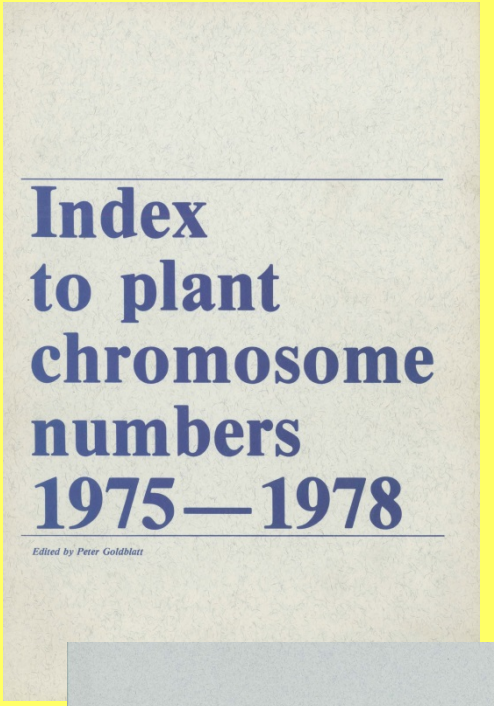
***Index to plant chromosome numbers 1992-1993. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 58, 1996.**

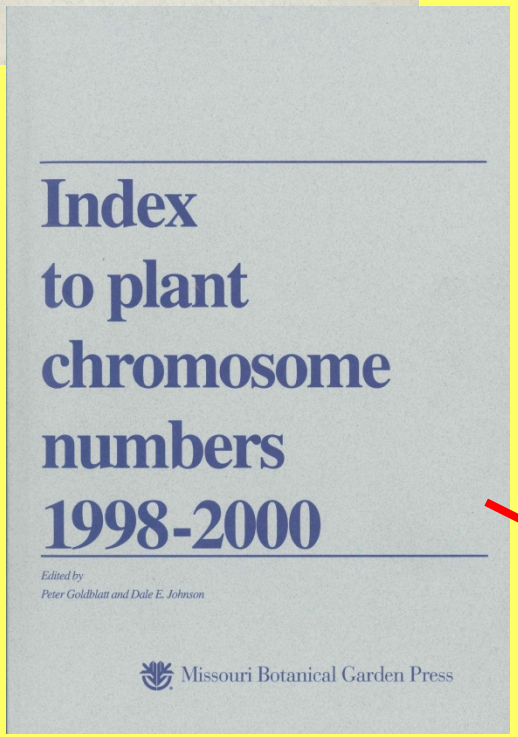
***Index to plant chromosome numbers 1994-1995. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 69, 1998.**

***Index to plant chromosome numbers 1996-1997. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 81, 2000.**

***Index to plant chromosome numbers 1998-2000. – *Monogr. Syst. Bot. Missouri Bot. Gard.* 94, 2003.**

*** online www.mobot.org w^{3}TROPICOS**





Species	Gam	Spor	Reference
flexuosa With.		32	Koch et al., 1999
glauca Spreng.		16	Ančev & Goranova, 1999
graeca L.		18	Ančev & Goranova, 1999
hirsuta L.		16	Albers & Pröbsting, 1998
impatiens L.		16	Ančev & Goranova, 1999
impatiens L.		16	Lövkvist & Hultgård, 1999
pectinata Pall. ex DC.		16	Ančev & Goranova, 1999
penzesii Ančev & Marhold		16	Marhold & Ančev, 1999
pratensis subsp. paludosa (Knaf) Èelak		56, 20	Lövkvist & Hultgård, 1999
pratensis subsp. polemonioides Rouy		64	Lövkvist & Hultgård, 1999
Cardaria			
chalepensis (L.) Hand.-Mazz.	24		Khatoon & Ali, 1993
draba (L.) Desv. subsp. draba		64	Lövkvist & Hultgård, 1999
Cheiranthus			
cheiri L.		12	Huang et al., 1999

MARCHANT, N. G. 2000. *In* C. Dobeš & E. Vitek, Documented Chromosome Number Checklist of Austrian Vascular Plants. Verlag des Naturhistorischen Museums Wien, Vienna.

MARCUCCI, R. & N. TORNADORE. 1994. Cariologia di alcuni popolamenti di *Allium tenuiflorum* Ten. provenienti dal Cilento (Italia meridionale). Giorn. Bot. Ital. 128(1): 252.

MARCUCCI, R. & N. TORNADORE. 1999. Mediterranean chromosome number reports 9 (1089–1098). Fl. Medit. 9: 372–378.

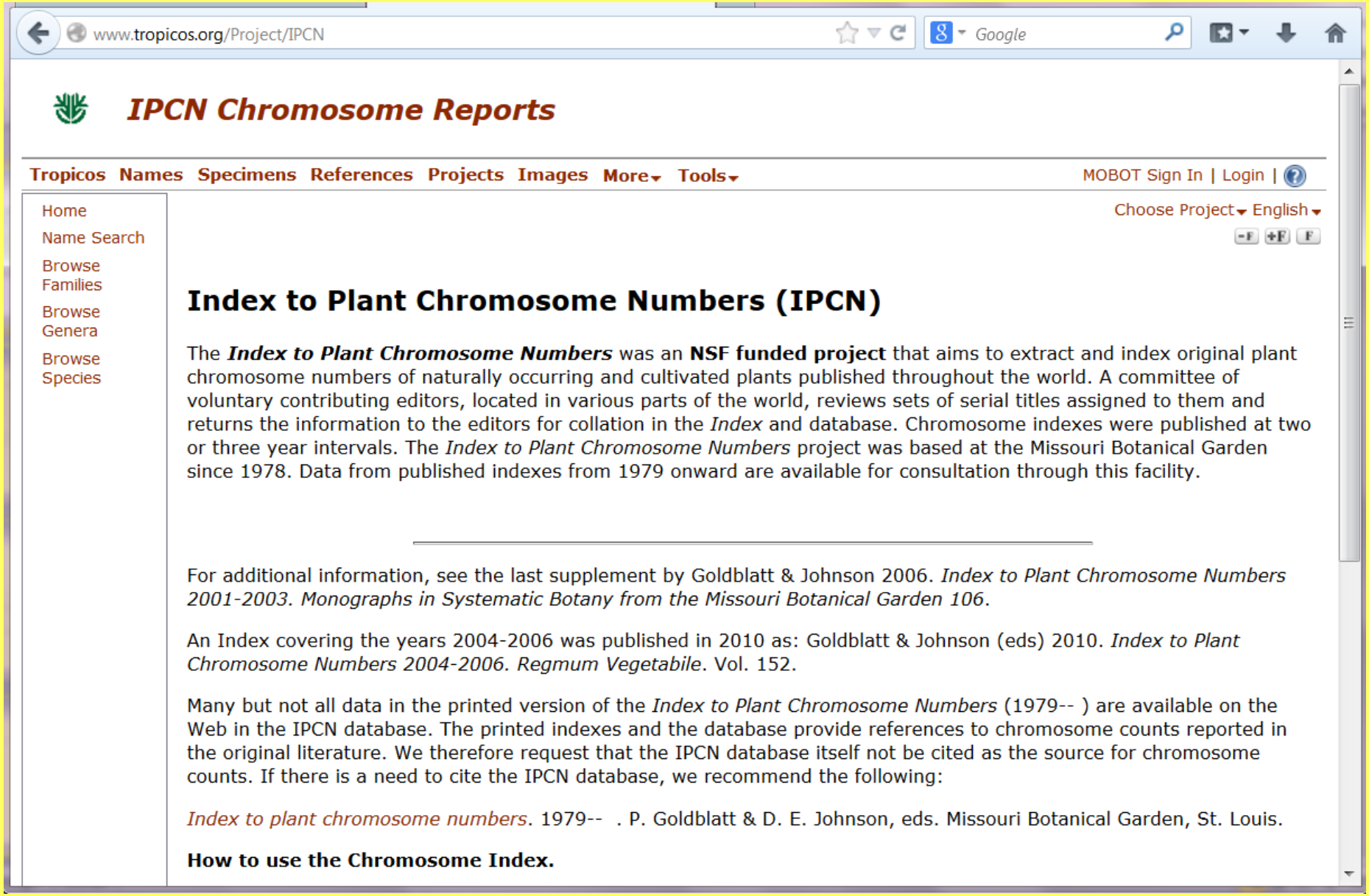
MARCUSSEN, T. & I. NORDAL. 1998. *Viola suavis,* a new species in the Nordic flora, with analyses of the relation to other species in the subsection *Viola* (Violaceae). Nordic J. Bot. 18(2): 221–237.

MARGELI, M., J. PEDROLA-MONFORT & J. V. XIRAU. 1999. Karyological studies in the genus *Androcymbium* (Colchicaceae). Austral. J. Bot. 47: 131–146.

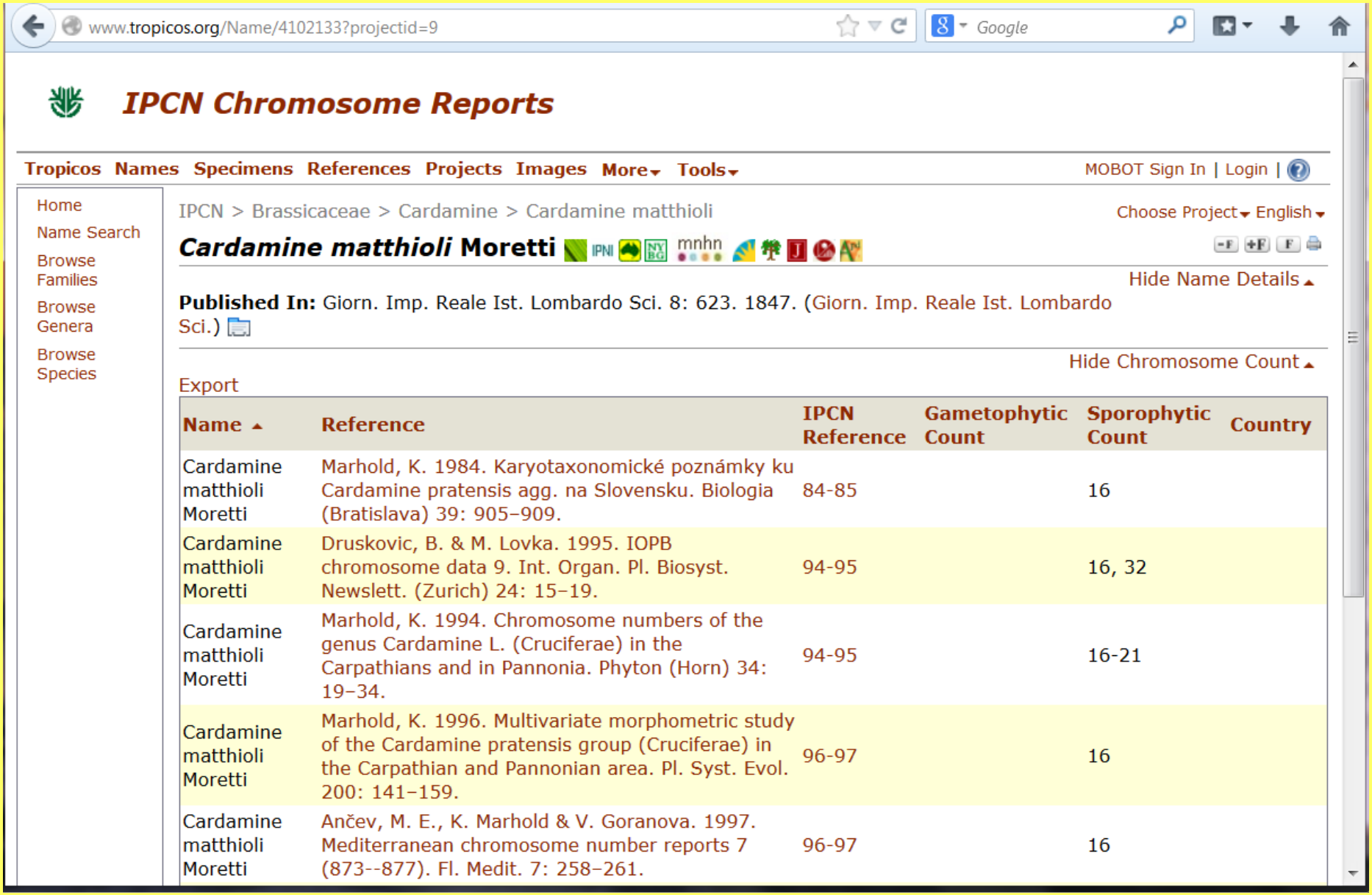
MARHOLD, K. 1999. Taxonomic evaluation of the tetraploid populations of *Cardamine amara* (Brassicaceae) from the eastern Alps and adjacent areas. Bot. Helv. 109: 67–84.

MARHOLD, K. & M. E. ANČEV. 1999. *Cardamine penzesii,* a rediscovered taxon of the *C. pratensis* group (Cruciferae). Ann. Bot. Fenn. 36: 171–180.

MARSDEN, K. L. & M. G. SIMPSON. 1999. *Eryngium pendletonensis* (Apiaceae), a new species from southern California. Madroño 46(1): 61–64.

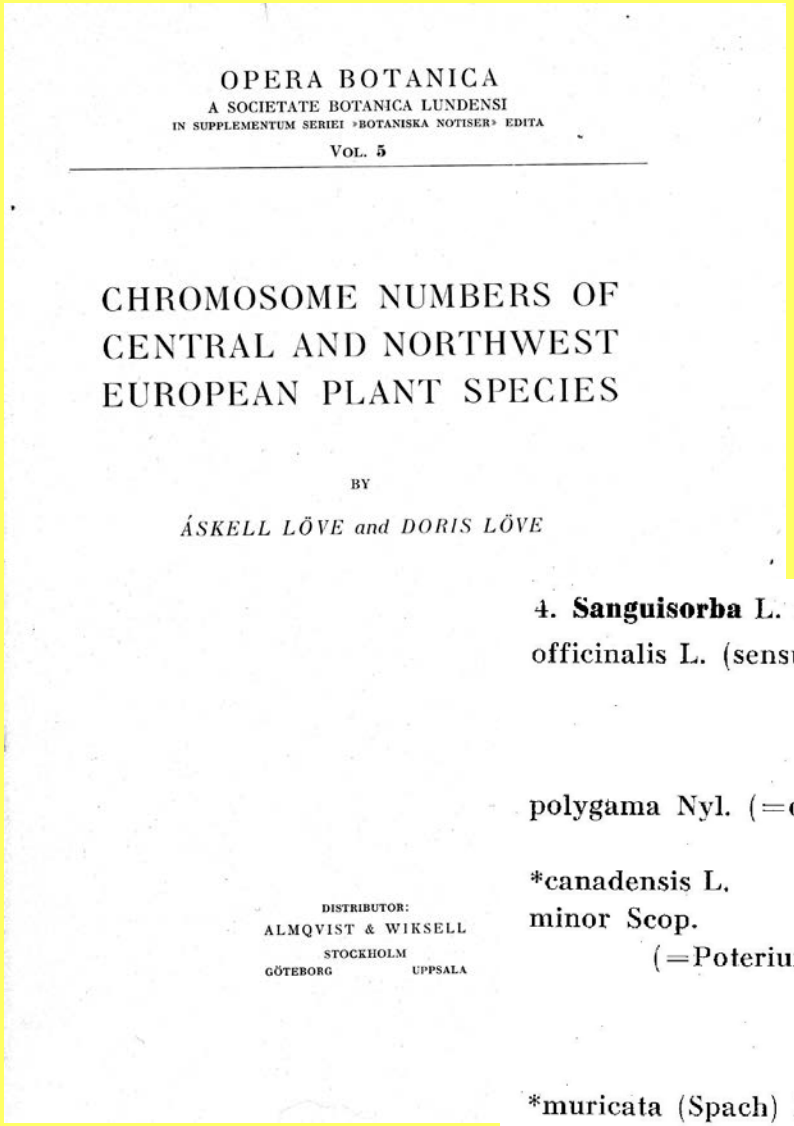


http://www.tropicos.org/Project/IPCN



Name	Reference	IPCN Reference	Gametophytic Count	Sporophytic Count	Country
Cardamine matthioli Moretti	Marhold, K. 1984. Karyotaxonomické poznámky ku Cardamine pratensis agg. na Slovensku. Biologia (Bratislava) 39: 905–909.	84-85		16	
Cardamine matthioli Moretti	Druskovic, B. & M. Lovka. 1995. IOPB chromosome data 9. Int. Organ. Pl. Biosyst. Newslett. (Zurich) 24: 15–19.	94-95		16, 32	
Cardamine matthioli Moretti	Marhold, K. 1994. Chromosome numbers of the genus Cardamine L. (Cruciferae) in the Carpathians and in Pannonia. Phyton (Horn) 34: 19–34.	94-95		16-21	
Cardamine matthioli Moretti	Marhold, K. 1996. Multivariate morphometric study of the Cardamine pratensis group (Cruciferae) in the Carpathian and Pannonian area. Pl. Syst. Evol. 200: 141–159.	96-97		16	
Cardamine matthioli Moretti	Ančev, M. E., K. Marhold & V. Goranova. 1997. Mediterranean chromosome number reports 7 (873--877). Fl. Medit. 7: 258–261.	96-97		16	

http://www.tropicos.org/Project/IPCN



OPERA BOTANICA

A SOCIETATE BOTANICA LUNDENSI

IN SUPPLEMENTUM SERIEI »BOTANISKA NOTISER» EDITA

VOL. 5

CHROMOSOME NUMBERS OF CENTRAL AND NORTHWEST EUROPEAN PLANT SPECIES

BY

ÁSKELL LÖVE and DORIS LÖVE

DISTRIBUTOR:
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STOCKHOLM
GÖTEBORG UPPSALA

Löve, Á. & Löve, D., 1961: Chromosome numbers of Central and Northwest European plant species. *Opera Bot.* 5: 1-581.

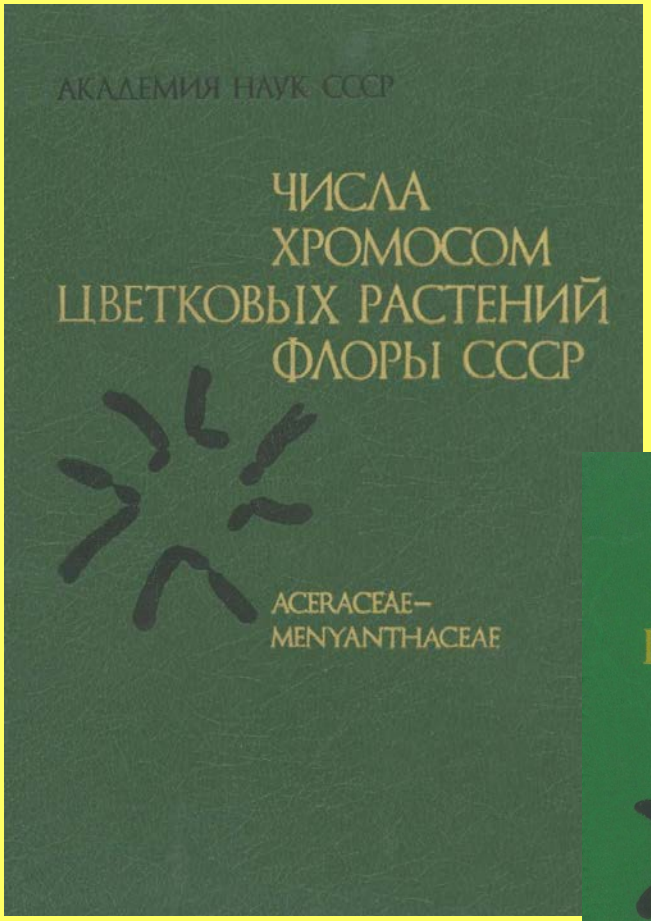
4. Sanguisorba L. x=7

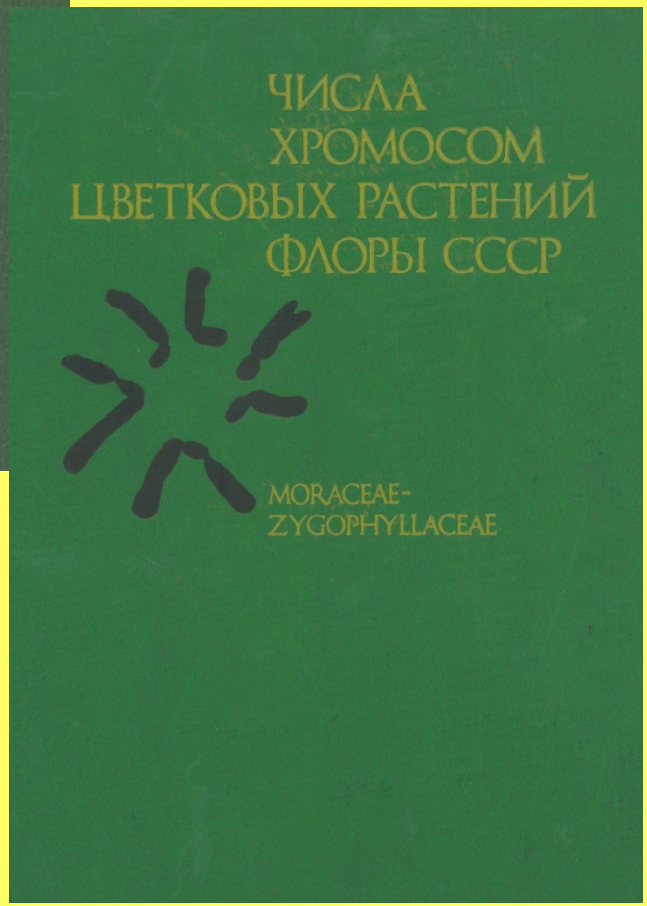
officinalis L. (sensu Kozlowskaya)	28	Nakajima 1936, Löve 1954 b, Nordborg 1958, Sokolovskaja & Strelkova 1960, Erdtman & Nordborg 1961
(?)	42	Pólya 1950, L. & L. 1956 b
polygama Nyl. (=officinalis p.p.)	56	Nordborg 1958, Larsen 1959, Erdtman & Nordborg 1961
*canadensis L.	56	Larsen 1959, L. & L. (unpubl.), Nordborg (unpubl.)
minor Scop. (=Poterium Sanguisorba)	28	Lindenbein 1937, Wulff 1938, Maude 1939, 1940, Delay 1947, Baksay 1956, Böcher & Larsen 1957 b, Reese 1957, Nordborg 1958 (and unpubl.), Erdtman & Nordborg 1961
*muricata (Spach) Franch. s.str.	28	Erdtman & Nordborg 1961, Nordborg (unpubl.)
s.lat. fr. S. Europe	56	Nordborg 1958 (and unpubl.), Erdtman & Nordborg 1961
*verrucosa (Ehrenb.) A. Br.	28	Larsen 1960 c, Nordborg (unpubl.)

Cytotaxonomické atlasy redigované Á. Löve a D. Löve

Löve, Á. & Löve, D., 1974: *Cytotaxonomical atlas of the Slovenian flora*. J. Cramer, Lehre.
Löve, Á. & Löve, D., 1975: *Cytotaxonomical atlas of the arctic flora*. J. Cramer, Vaduz.
Löve, Á., Löve, D & Pichi Sermolli, R. E. G., 1977: *Cytotaxonomical atlas of the Pteridophyta*. J. Cramer, Vaduz.
van Loon, J. Chr., 1987: *A cytotaxonomical atlas of the Balkan Flora*. J. Cramer, Berlin, Stuttgart.

Pozor:
Identifikácie taxónov v publikáciách Á. Löve & D. Löve zodpovedajú ich taxonomickým koncepciám. Niekedy sú však v rozpore s tým, ako autori, uverejňujúci počty identifikovali svoj materiál





Agapova, N. D. et al., 1990: *Čisla chromosom cvetkovych rastenij flory SSSR: Aceraceae – Menyanthaceae*. Nauka, Leningrad.

Agapova, N. D. et al., 1993: *Čisla chromosom cvetkovych rastenij flory SSSR: Moraceae – Zygophyllaceae*. Nauka, Sankt-Peterburg.

herbár – dokladový exemplár (voucher specimen)

lokalita

zbieral (a)

MELICA L.

M. altissima L.

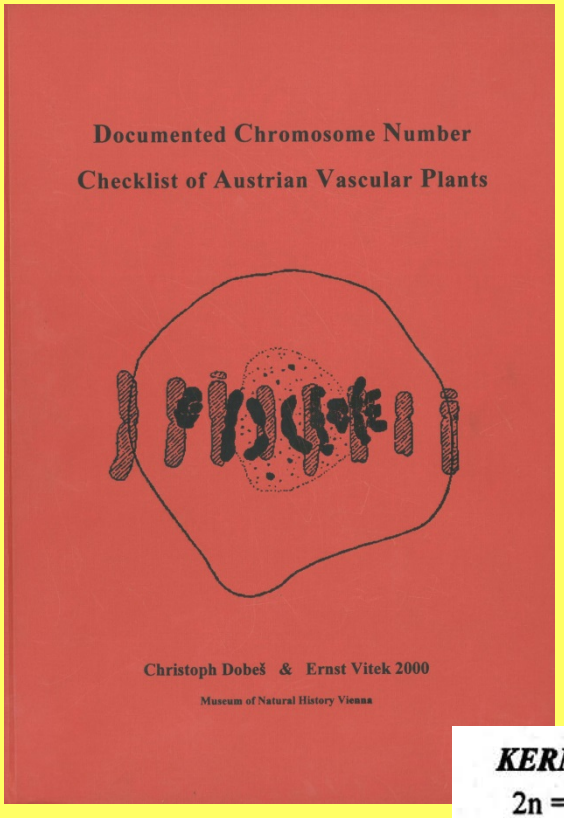
18	Sine loco	Авдулов 1928, 1931*
	Алтай	Соколовская, Стрелкова 1948а
	Ставропольский край, Железноводск, *Магулаев* (LE)	Магулаев 1976
	Алтай, Ойротия, Катунские белки, пер. Казиниха, *Соколовская*, 196 (LECB)	Соколовская, Пробатова 1978
	Пермская обл., территория учебно-опытного хоз-ва «Предуралье»	Гузик 1984

M. chrysolepis Klok.

18	УССР: Ворошиловградская обл., заповед. «Провальская степь». — Донецкая обл., заповед. «Каменные могилы». — Запорожская обл., Круто-Яровское лесничество	Петрова О. А. 1968

M. ciliata L.

18	Sine loco	Авдулов 1928
	subsp. **monticola** (Prokud.) Tzvel.	
18	Крым. Ай-Петринская яйла, *Федяева*, 3956 (VLA)	Соколовская, Пробатова 1978
	subsp. **taurica** (C. Koch) Tzvel.	
18	ТССР, Копетдаг, гора Душак, *Чопанов, Юрцев* (ASH)	Чопанов, Юрцев В. Н. 1976
	АрмССР: граница Ехегнадзорского и Мартунинского р-нов, Варденисский хр., *Пробатова*, 4229 (VLA); Красносельский р-н, берег оз. Севан, окр. с. Артаниш, *Она же*, 4230 (VLA)	Соколовская, Пробатова 1978



Dobeš, Ch. & Vitek, E. , 2000: *Documented chromosome number checklist of Austrian vascular plants*. Museum of Natural History, Vienna. - zahŕňa kritickú revíziu údajov

herbár – dokladový exemplár (voucher specimen), doplnené autormi checklistu

doplnené autormi checklistu

zdroj doplnkovej informácie

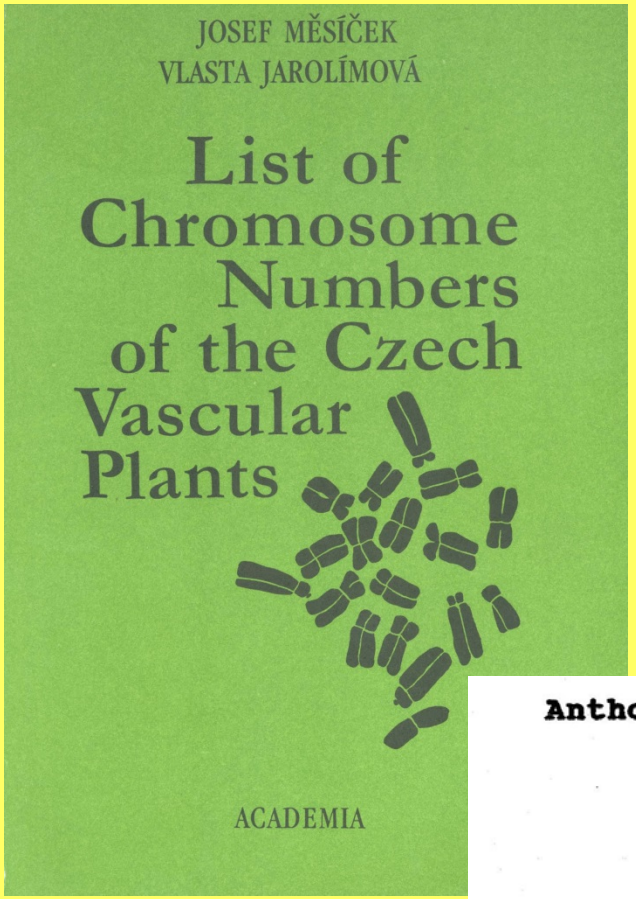
KERNERA saxatilis (L.) RCHB.

2n = 14*	[T], Wetterstein, Gaistergtal [Gaistal, 8631/2, 8632/1] – Jardin botanique d'Innsbruck; 70-1016; [NEU] KÜPFER 1974
2n = 16	N, Semmering, Dürriegel: Kalk, ca. 1300 m s. m., [8361/3] – [11. 06. 1966][APO-2] A. Polatschek; [W] POLATSCHEK 1983
2n = 16	T, Nordtirol, Kitzbühler Alpen, Spielberghorn-Gipfel bei Fieberbrunn: paläozoischer Kalk, ca. 2000 m s. m., [8541/4] – [05. 07. 1966][APO-2] A. Polatschek; [W] POLATSCHEK 1983
2n = 16	T, Nordtirol, Stubaier Alpen, Steinacher Jöchl [= Nösslachjoch] bei Steinach am Brenner: Karbonatkalk-Felsen, ca. 2000 m s. m., [8934/2] – [07. 1966][APO-2] A. Polatschek; [W] POLATSCHEK 1983
2n = 16*	[Austria] R. MATTICK-EHRENSBERGER in TISCHLER 1950

Albers, F., 1998: *Chromosomenzahlen der Farn und Blütenpflanzen Deutschlands*
In: Wisskirchen, R. & Haeupler, H., *Standardliste der Farn- und Blütenpflanzen Deutschlands*, Ulmer, Stuttgart

Fam. Valerianaceae

CENTRANTHUS			
- ruber			
VALERIANELLA			
- locusta	n=7		*Tischler, G. 1950*
	n=8		Ernet, D. 1972
- carinata	n=9		*Tischler, G. 1950*
- eriocarpa	n=7		*Tischler, G. 1950*
- rimosa	n=7		*Tischler, G. 1950*
	n=8	2n=16	Ernet, D. 1972
- dentata	n=7		*Tischler, G. 1950*
VALERIANA			
- officinalis agg.	n=7,14		*Tischler, G. 1950*
	n=7,14	2n=14,28	Titz, E. & Titz, W. 1981
- officinalis		2n=14	Engel, K. 1976
		2n=28	Lippert, W. & Heubl, G.R. 1989
- pratensis		2n=28	Engel, K. 1976
- wallrothii	n=14		*Tischler, G. 1950*
		2n=28	Engel, K. 1976
		2n=28	Buttler, K.P. 1983
- procurrens	n=28		*Tischler, G. 1950*
		2n=56	Engel, K. 1976
- sambucifolia	n=28		*Tischler, G. 1950*
- versifolia	n=28		Titz, E. & Titz, W. 1979
- dioica	n=8		*Tischler, G. 1950*
		2n=32	Engel, K. 1972
		2n=16	Engel, K. 1976
- supina	n=8		*Tischler, G. 1950*
		2n=16	Engel, K. 1976
- tripteris	n=8,10-15		*Tischler, G. 1950*
		2n=16	Engel, K. 1976
		2n=16	Lippert, W. & Heubl, G.R. 1989
- subsp. tripteris			
- subsp. tomentella			
- subsp. austriaca			
- saxatilis	n=12		*Tischler, G. 1950*
- montana	n=16		*Tischler, G. 1950*



Měsíček, J. & Jarolímová, V., 1992, *List of chromosome numbers of the Czech vascular plants*. Academia, Praha.

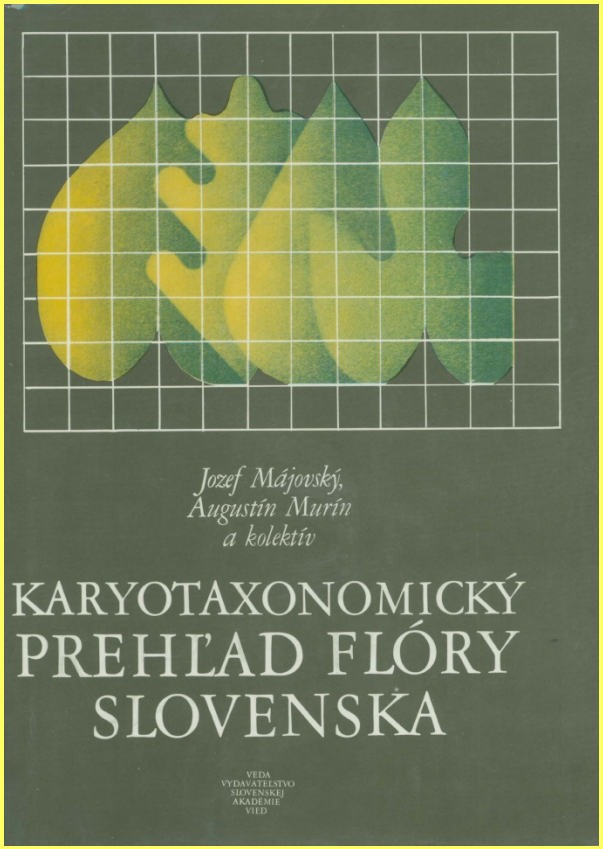
Anthoxanthum

alpinum Á. et D. LÖVE
2n = 10
Krkonoše Mts.: Labská bouda, Labská rokle, Harrachovy kameny, Vrbatova bouda, Martinova bouda, Šmídova vyhlídka, Mužské kameny, Kozí hřbety, Obří důl, Obří bouda, Pomezní boudy; Králický Sněžník Mt. MAYOVÁ 1982.

odoratum L.
2n = 20
Pec pod Sněžkou. KIRSCHNER, ŠTĚPÁNEK & ŠTĚPÁNKOVÁ 1982.
Krkonoše Mts.: Harrachov, Rýchorské boudy; Krušné hory Mts.: Boží Dar; Vejprty. MAYOVÁ 1982.

Avena

fatua L.
2n = 42
S. Moravia, distr. Vyškov: fallow W. of the lonely house Zouvalka ca 3 km S. of the town Vyškov, 330 m a.s.l.; coll. L. Hrouda, V. Javůrková 8. 8. 1977, count. J, PR 376633.



Májovský, J. et al., 1987: *Karyotaxonomický prehľad flóry Slovenska*. Veda, VSAV, Bratislava.

Plumbaginaceae Juss.

Limonium Mill. x = 8, 9

gmelinii (Willd.) O. Kuntze

subsp. *hungaricum* (Klokov in Klokov et Barbarich) Soó

2n = 36 Feráková in Májovský et al. 1978: lok. Podunajská níži-na, Kamenín, leg. Svobodová

Ref. 2n = 36 Pólya 1948

Armeria Willd. x = 9

vulgaris Willd. — Syn.: *A. elongata* (Hoffm.) Koch, *A. maritima* Mill. subsp. *elon-gata* (Hoffm.) Bonnier

2n = 18 Hindáková in Májovský et al. 1970b: subsp. *vulgaris*, lok. Záhorská nížina, Sekule, leg. Májovský

18 Kovanda 1983: subsp. *vulgaris*, lok. Záhorská nížina, Lozor-no, leg. Kovanda

Ref. 2n = 18 Griesinger 1937, Sugiura 1937, Phillips 1938, Su-giura 1939, D'Amato 1940, Baker 1954, Skalińska et al. 1974

alpina Willd. — Syn. *A. maritima* subsp. *alpina* (Willd.) P. Silva

subsp. *alpina* (Willd.) P. Silva

2n = 18 Váchová et Paclová in Löve 1978: lok. Vysoké Tatry, Furkotská dolina, leg. Paclová

Ref. 2n = 18 (8 ref.) cf. Löve et Löve 1974, Ritter 1972, Kovan-da 1983

Mediterranean chromosome number reports

FLORA MEDITERRANEA

Mediterranean chromosome number reports — 7

edited by G. Kamari, F. Felber & F. Garbari

Abstract

Kamari, G., Felber, F. & Garbari, F. (ed.): Mediterranean ch
— Fl. Medit. 7: 197-275. 1997. — ISSN 1120- 4052.

This is the seventh instalment of a series of reports
Mediterranean area, peri-Alpine communities and the Atlant
language. It comprises contributions on 119 taxa: *Urginea*
Colchicum from Italy, by R. M. Baldini (Nos. 779-782);
Dianthus, Elymus, Festuca, Minuartia, Phleum, Plantago, Rh
Bulgaria, by A. Petrova & K. Stoyanova (Nos. 783-802);
Astragalus, Pseudosophora, Sphaerophysa, Lens, Cicer, Vic
by E. Nazarova (Nos. 803-815); *Silene, Hirschfeldia, H*
Cynoglossum, Stachys, Plantago and *Scabiosa* from Moro
Garcia & M. J. Moreno (Nos. 816-826); *Lupinus* from Tur
Puech, M. Zouaghi & M. Nabli (Nos. 827-830); *Athyrium, Dr*
Asplenium and *Ceterach* from Bulgaria, by D. Ivanova (Nos.
Turkey and Italy and *Laburnum* from Italy, by T. Cusma
Mangiavacchi (Nos. 840-842); *Legousia, Lathyrus, Ononis, H*
Galium, Melampyrum and *Piptatherum* from France, *Hypecou*
R. Verlaque, C. Reynaud & A. Aboucaya; *Arabidopsis, Bu*
Erophila, Hesperis, Hornungia, Iberis, Isatis, Lunaria, Myag
by M. Ančev & V. Goranova (Nos. 855-872); *Cardamine*
Marhold & V. Goranova (Nos. 873-877); *Dianthus, Opuntia*
Ornithogalum and *Allium* from Italy, by R. Marcucci &
Darniella, Ranunculus, Limonium, Anthemis, Taraxacum,
Malta, by S. Brullo, A. Guglielmo, P. Pavone & M. C. Terrasi

Addresses of the editors:
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Prof. F. Garbari, Dipartimento di Scienze Botaniche dell'Univ
56126 Pisa, Italy.

810. ***Lens orientalis*** (Boiss.) Schmalh. — $2n = 14$ (Fig. 9).

Cc: Armenia, Vaik region, in the neighbourhood v. Vaik, 39°41'N, 45°34'E, 1400 m, 6 Jun 1995, *Gabrielian 2233* (ERE).

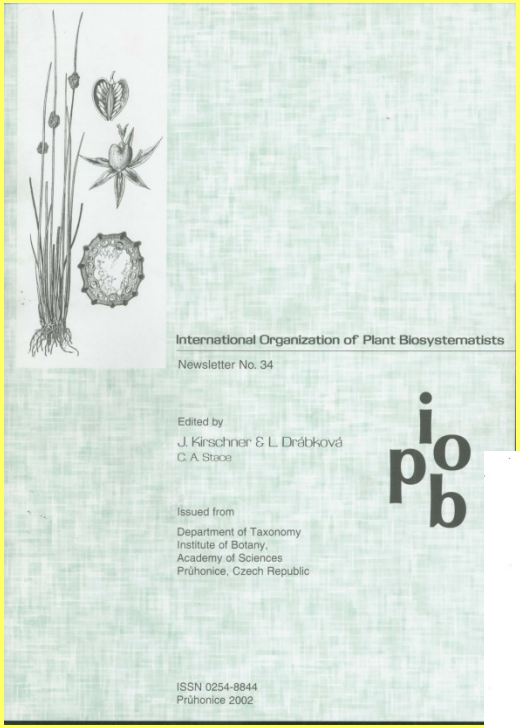
This species is widely distributed in S.W. Asia. It is of particular interest, because it is a close relative of the cultivated lentil (*L. culinaris* Medicus) than other wild species are. The chromosome number $2n = 14$ is in accordance with earlier reports (see Goldblatt 1984, 1988), but this is the first count base on Caucasian material of this species.

811. ***Cicer arietinum*** L. — $2n = 16$ (Fig. 10).

Cc: Armenia, Razdan region, Fontan, 40°23'N, 44°42'E, 1800 m, 14 Aug 1991, *Nazarova 2027* (ERE).

This is a traditional crop in the Mediterranean and E. Asian regions. Many investigators indicated the chromosome number $2n = 16$ for this species, although the number $2n = 14$ also exists in literature (see Fedorov 1969, Goldblatt 1981, 1984, 1985, 1988, Goldblatt & Johnson 1990, Takhtajan 1990 for references). This is the first count base on Transcaucasian material and confirms previous counts from elsewhere.

IOPB Chromosome Data



International Organization of Plant Biosystematists

Newsletter No. 34

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J. Kirschner & L. Drábková
C. A. Stace

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Institute of Botany,
Academy of Sciences
Průhonice, Czech Republic

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IOPB Chromosome Data 18

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Please send contributions to Professor Stace at the above address (preferably by email with the contribution in WORD 98 or earlier, or in RTF, but failing that on a 3.5 inch microdisc with text in ASCII-file and a printed copy) using the exact layout of the present list. Neither proofs nor reprints will be made available, but the editor will acknowledge receipt of contributions and raise queries with authors if necessary.

Reports by:

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ARACEAE

Arum apulum (Carano) Bedalov. 2n=56. Italy: Apulia: "Masseria La Cattiva" near Turi, s.n.; "Parco delle Monache", s.n.; "Lama Sciuscia" near Sammichele di Bari, s.n.
Arum cylindraceum Gasp. 2n=28. Italy: Lucania: Madonna di Pollino, 1530 m, s.n.; Lago di Zapano, 1380 m., s.n.; vicinity of Rifugio di Gasperi, s.n.

Arum italicum Mill. subsp. *italicum*. 2n=84. Italy: Apulia: Frasanito near Otranto, s.n.; Sammichele di Bari, s.n.; "Masseria La Cattiva" near Turi, s.n.; "Parco delle Monache" near Sammichele di Bari, s.n.

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Arum cylindraceum Gasp. 2n=28. Italy: Lucania: Madonna di Pollino, 1530 m, s.n.; Lago di Zapano, 1380 m., s.n.; vicinity of Rifugio di Gasperi, s.n.

IAPT/IOPB Chromosome Data

TAXON 61 (6) • December 2012: 1336–1345

IOPB COLUMN

Edited by Karol Marhold & Ilse Breitwieser

IAPT/IOPB chromosome data 14

Edited by Karol Marhold

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All materials CHN; vouchers in UFP (Herbário Prof. Geraldo Maríz).

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* Author for correspondence: *ankova_tv@mail.ru*

All materials CHN; collectors: *AE* = A. Erst, *DSh* = D. Shaulo, *TA* = T. An'kova; vouchers in NS.

BRASSICACEAE

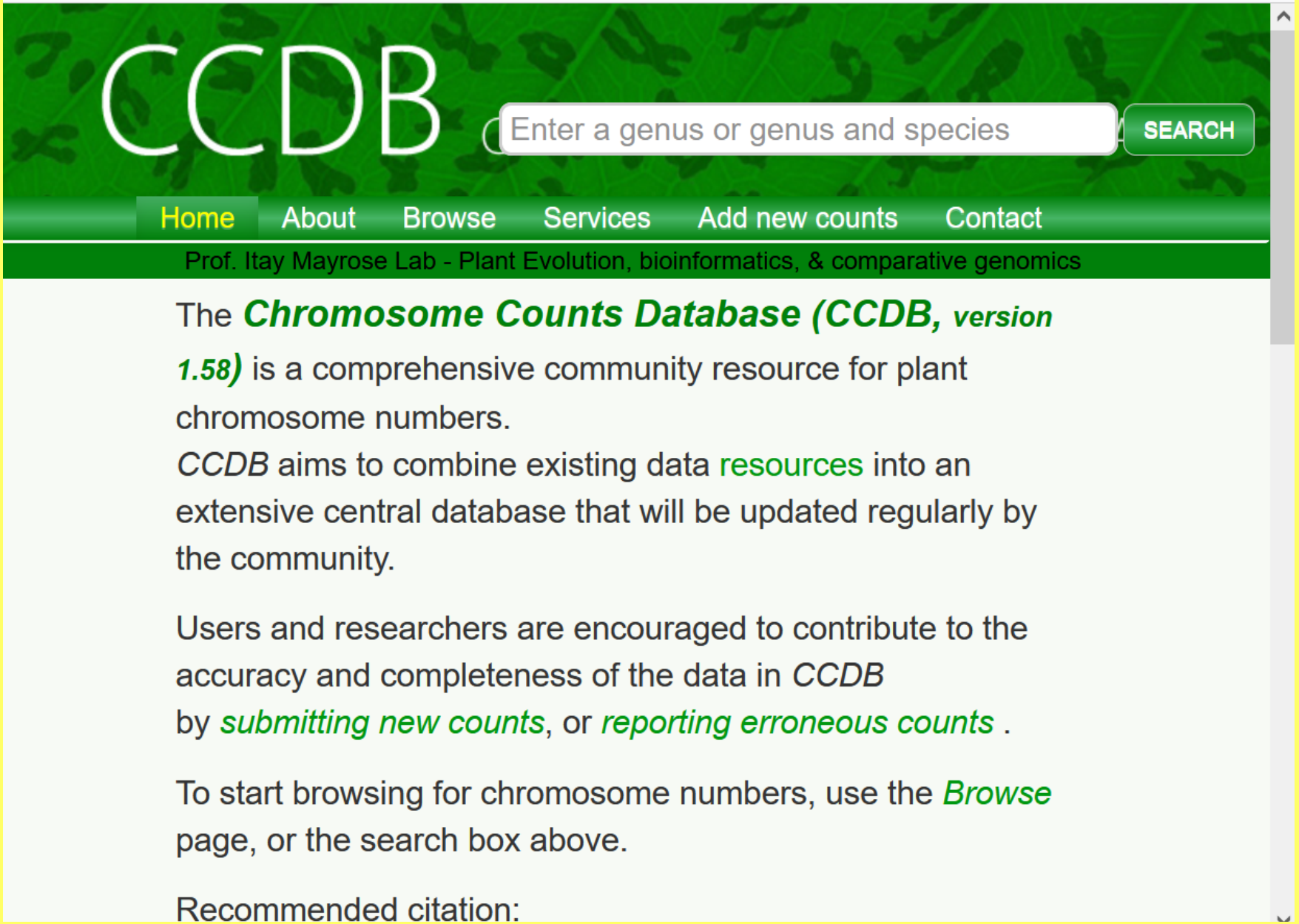
Microstigma sajanense Kuvajev & Sonnikova, $2n = 12$; Russia, Krasnoyarskii Krai, *A. Sonnikova A11.*

FABACEAE

Astragalus adsurgens Pall., $2n = 32$; Russia, Krasnoyarsk Krai, *DSh, TA & AE A28.*

Astragalus danicus Retz., $2n = 16$; Kazakhstan, E. Kazakhstan District, *TA A8.*

Astragalus denguperatus Ledeb., $2n = 48$; Russia, Altai Krai, *TA*



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CCDB

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CCDB → *Angiosperms* → *Brassicaceae* → *Cardamine* → *Cardamine acris*

3 species in *"Cardamine acris"* :

Show Statistics *Export to CSV* *Submit new counts* *Report counts*

Taxon name	Status	Median (n)
Cardamine acris Griseb.	Synonym of Cardamine raphanifolia subsp. acris (Griseb.) O. E. Schulz	8
Cardamine acris subsp. pindicola Perný & Marhold	Synonym of Cardamine raphanifolia subsp. acris (Griseb.) O. E. Schulz	8
Cardamine acris subsp. vardousiae Perný & Marhold	Synonym of Cardamine raphanifolia subsp. acris (Griseb.) O. E. Schulz	8

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Griseb.

28 chromosome counts in *Cardamine acris Griseb.*:

Show Statistics *Export to CSV* *Submit new counts* *Report counts*

		Name	Accepted Name	Gametophytic(n)	Sporophytic(2n)	Data Source	reference
!		Cardamine acris Griseb.	Cardamine raphanifolia subsp. acris (Griseb.) O. E. Schulz		16	Cardamine	Perný M., Tribsch A., Anchev M. E., 2004: Infraspecific differentation in the Balkan diploid Cardamine acris

CHROBASE.it

Chromosome numbers for the Italian flora

UNIVERSITÀ DI PISA

G. Bedini, L. Peruzzi (eds.)

Biology Department, University of Pisa

via Luca Ghini 13, I-56126 Pisa, Italy

Chrobase.it stores chromosome counts mainly for the Italian flora. Also counts from Corsica are being included, given the high number of endemics shared with Sardinia and Tuscan Archipelago. Current holdings are (live from database as of today, Monday 18 October 2021, 12:02:24 UTC):

	Total	Corse

http://bot.biologia.unipi.it/chrobase/

CHROBASE.it

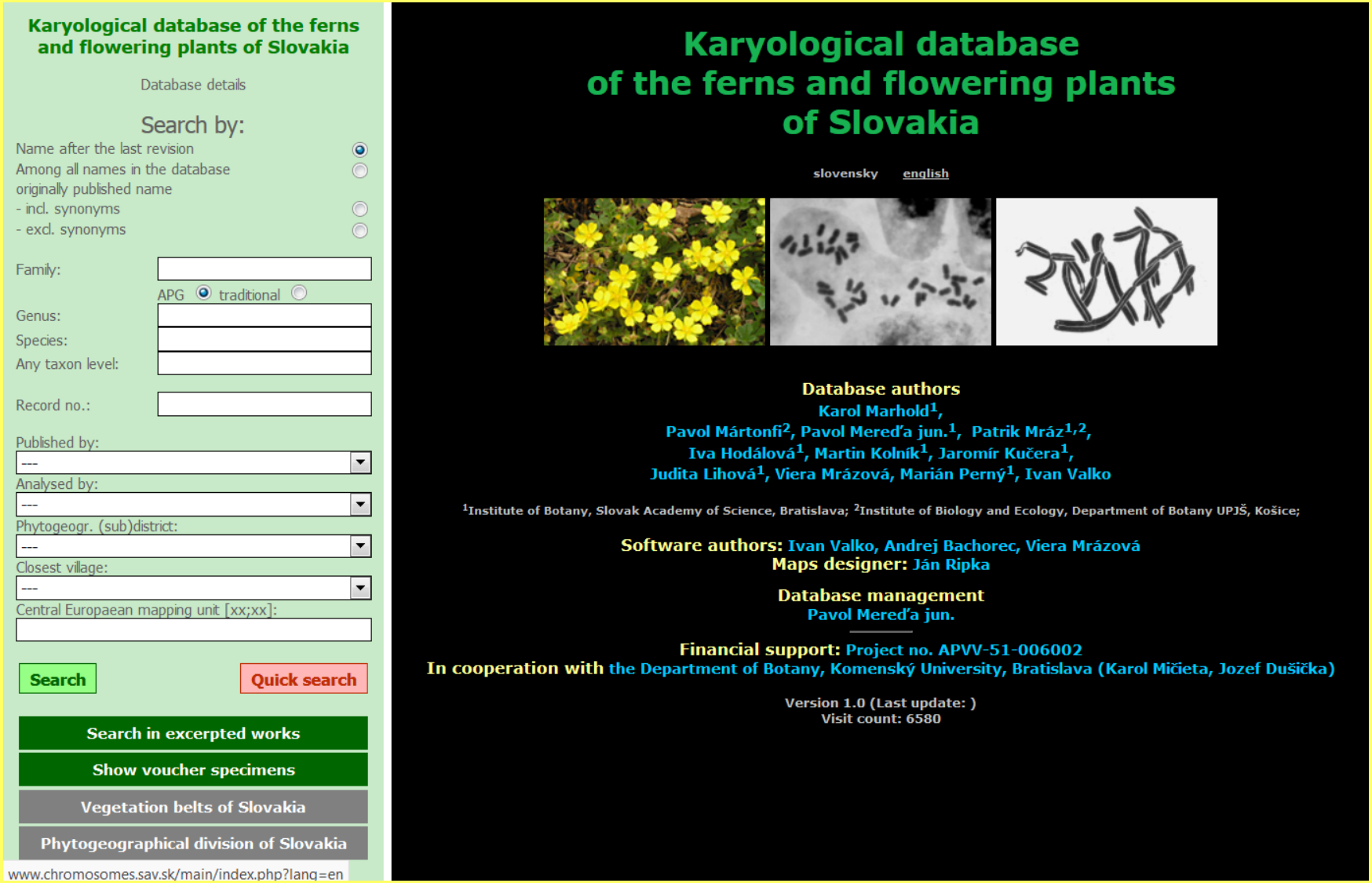
Home / Search / Cardamine matthioli Moretti (Brassicaceae)

***Cardamine matthioli* Moretti** (*Brassicaceae*)

7 records found

1. **Chromosome count**: 2n = 16
   Locality: Villar Perosa 450 m, province of TO (IT)
   Reference: URBANSKA-WORYTKIEWCZ K., LANDOLT E. - 1974. Biosystematic investigations in Cardamine pratensis L. s.l. I. Diploid taxa from Central Europe and their fertility relationships.. *Ber. Geobot. Inst. E.T.H., Stiftung Rubel*, 42: 42-139.
   Note: No note in this record

2. **Chromosome count**: 2n = 16
   Locality: Lago di Candia 230 m, province of TO (IT)
   Reference: URBANSKA-WORYTKIEWCZ K., LANDOLT E. - 1974. Biosystematic investigations in Cardamine pratensis L. s.l. I. Diploid taxa from Central Europe and their fertility relationships.. *Ber. Geobot. Inst. E.T.H., Stiftung Rubel*, 42: 42-139.
   Note: No note in this record



http://www.chromosomes.sav.sk/

Search by:

Name after the last revision
Among all names in the database
originally published name
- incl. synonyms
- excl. synonyms

Family:
APG traditional
Genus: Muscari
Species:
Any taxon level:

Record no.:

Published by: ---
Analysed by: ---
Phytogeogr. (sub)district: ---
Closest village: ---
Central Europaean mapping unit [xx;xx]:

Search | Quick search

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Show voucher specimens
Vegetation belts of Slovakia
Phytogeographical division of Slovakia

Taxonomy

Family by APG:	Hyacinthaceae
Family traditional:	Liliaceae
Name in the original publication	
Name as published:	
Standardised name:	Muscari botryoides (L.) Mill.
Accepted name:	Muscari botryoides (L.) Mill.
Name in Májovský et al. 1987	
Name as published:	Muscari botryoides (L.) Mill.
Standardised name:	Muscari botryoides (L.) Mill.
Accepted name:	Muscari botryoides (L.) Mill.
Name after the last revision	
Name after revision:	Muscari botryoides (L.) Mill.
Accepted name:	Muscari botryoides (L.) Mill.
Note to the name:	

Karyology

Chromosome number:	2n = 36				
Ploidy level detected by flow cytometry:					
Counted by:	Murín A.*	Date:			
Number of analysed plants:					
Slide number:		Deposited in:			
Karyotype:					
Photo:	-	Idiogram:	-	Drawing:	-
Chromosome measurement table:					

Locality

Phytogeogr. district:	Slovenský kras (3)		
Closest village/town:	Plešivec		
Description of locality:	Plešivec, Prešovský Prieloh [Plešivský prieloh]		
Exposition:		Altitude (m):	
Latitude (N):		Longitude (E):	
(Sub)square:	74;88b		

Specimen

Collector(s):	Májovský J.*	Date:	
Identified by:			

Search by:

Slide number:		Deposited in:			
Karyotype:					
Photo:	-	Idiogram:	-	Drawing:	-
Chromosome measurement table:					

Locality

Phytogeogr. district:	Slovenský kras (3)		
Closest village/town:	Plešivec		
Description of locality:	Plešivec, Prešovský Prieloh [Plešivský prieloh]		
Exposition:		Altitude (m):	
Latitude (N):		Longitude (E):	
(Sub)square:	74;88b		

Specimen

Collector(s):	Májovský J.*	Date:	
Identified by:			
Cultivation number:			
Specimen number:		Herbarium:	SLO*
Checked by:		Date:	

Literature

Májovský J., Murín A. & Uhríková A., 1984: Gattung Muscari Miller in der Slowakei. - Acta Fac. Rerum Nat. Univ. Comen., Bot. 31: 1-17.	
Page(s) with the data:	5
Note:	In Májovský et al. (1987) the volume of the journal with the original paper was incorrectly given as 32.

Revisions

Name after revision:	Muscari botryoides (L.) Mill.		
Accepted name:	Muscari botryoides (L.) Mill.		
Record revised by:	Hrouda L.	Date:	00-07-2007
Voucher specimen revised by:		Date:	
Note:			

Notes to the data

In Májovský et al. (1987) the collectors are given as J. Májovský and A. Murín.