

INSTITUTUM AGRONOMICUM "Dr. PETRU GROZA" CLUJ-NAPOCA (ROMANIA)
 NOTULAE BOTANICAE HORTI AGROBOTANICI, XVI (1986)

Undergraduate student report (U.s.r.)

APPLICATION

CHOROLOGICAL DATA REGARDING TRUE CLOVERS (TRIFOLIUM L.)
 WITH DIFFERENT PLOIDY LEVELS (Sect. STENOSTOMUM G. et B.)
 I. Trifolium ochroleucon Huds., II. T. pannonicum Jacq.

Abstract:

U.s.r., 1986, Chorological data regarding true clovers (Trifolium) with different polyploidy levels, (Sect. Stenostomum): I. Trifolium ochroleucon Huds., II. T. pannonicum Jacq. Not. bot. hort. agrobot., Cluj., XVI. 127-134.

Trifolium ochroleucon Huds. is a diploid species in the polyploid series emerged in sect. Stenostomum. Further members of the series are named T. pannonicum Jacq. This second species is frequently cited for its surprisingly high polyploidy level achieved in different populations. Research carried out by G. FARAGÓ, 2nd year student on the Faculty of Agriculture, Agronomy Institute Cluj-Napoca and his wife Melinda FARAGÓ 3rd year student on the Faculty of Biology, University, Cluj-Napoca has been focused on the study of dispersal, phenetic variability, genetics and breeding of this clover species. The chorological data collected in Romania are presented here in form of data files and dot maps (Tab. 2, 3; Fig. 1, 2). The structure of the data files is presented in Tab. 1; the structure of the data and that of the dot maps follows the principles of the COHER and COHER programs (see ref. 2, 5).

Key words: chorology, Trifolium spp., Romania.

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Revised by A.T. SZABÓ.

Table 1

The structure of the data file for the chorological data

a. TabulatedName:

<u>Type:</u>	<u>Scale:</u>	<u>Number:</u>	<u>Taxon:</u>			
			<u>File</u>	<u>author:</u>	<u>Date:</u>	
ooo	oooooolllll	11	11	1222	2222	222333
123	456789o1234	56	78	9o12	3456	789o12
NR	LOCALITY	AU	YR	COGER	UTM	NOTES

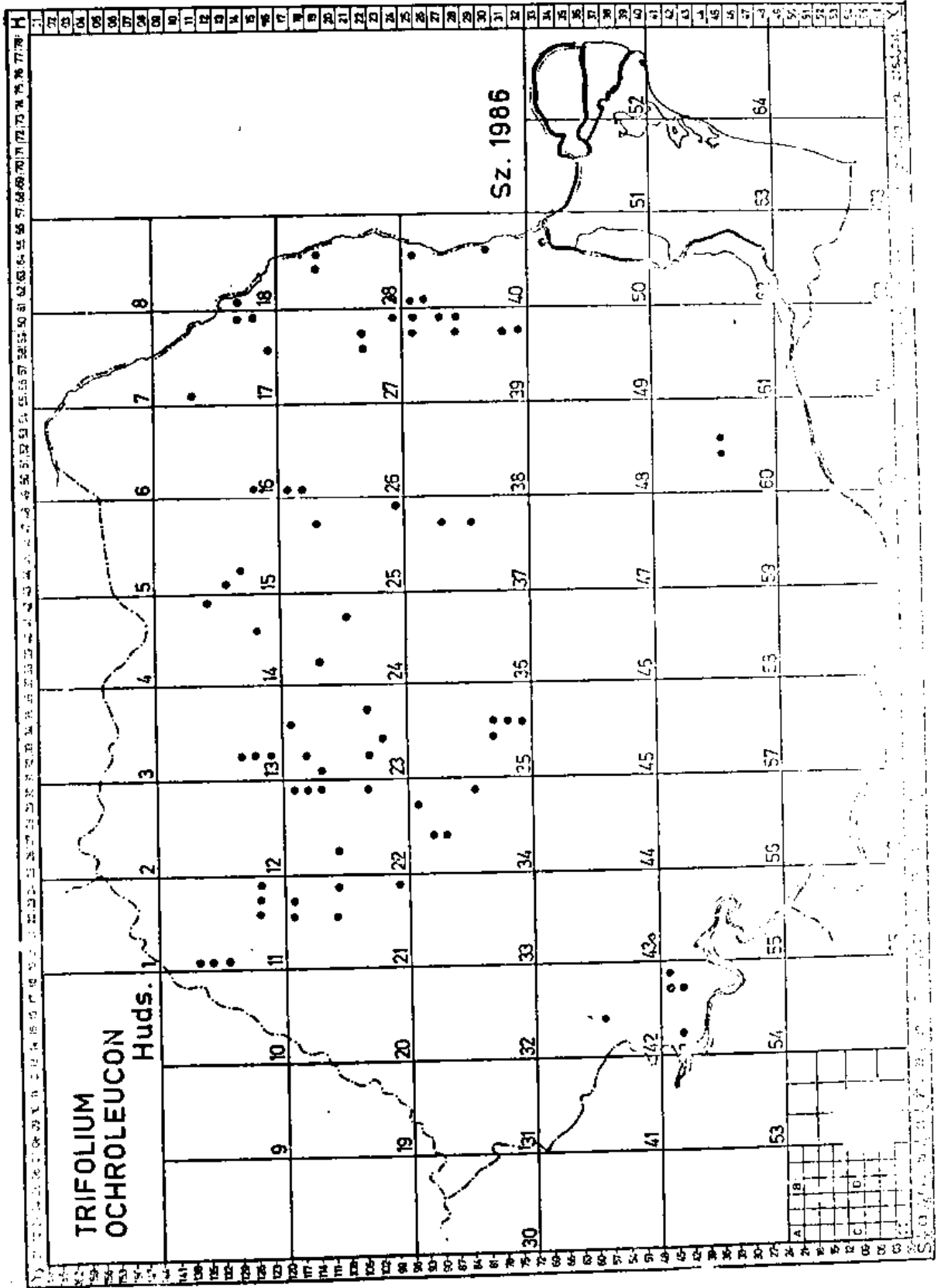
b. In string form: DATA: Luna de aug, EN, 41,2254,,Fl. Negresti,s,s,2255,, etc.

Note: 1. rows are numbered by the computer; 2. UTM codes and notes have been omitted.

Table 2

Chorological data regarding Trifolium ochroleucon Huds. in Romania

- 5000 REM Data: Chorology of Trifolium ochroleucon in Romania
 5010 REM File name: "TRIFOCHR"
 5011 REM Taxon: Trifolium ochroleucon Huds.
 5015 REM File number: 10-CLA
 5020 REM Map Scale: D4 (COGER)
 5030 REM Author and date: Faragó et Faragó, 1.09.1986.
 5040 DATA Negresti Oaş,0,0,0224., Vadu Crişului,s,s,2183., Gherla,s,s,1312., Borşa,s,s,2276., Apehida,s,s,2361., Floreşti,s,s,2211., Iclozel,s,s,2335., Bontida,s,s,2372., Valea Morii,s,s,2252., Feiurd,s,s,2276., Lac Deuşu,s,s,2276., Turda,s,s,2332., Cheile Turzii,s,s,2236., Chiochis,s,s,2384., Scrinđ,s,s,2156., Turda Băi,s,s,2323., Paghin,s,s,2462., Sovata,s,s,2445., Ch.Bicazului,s,s,2565., Miercurea C.,s,s,2515., s.,,2516., Ruginesti,s,s,1612., Bicz,s,s,2671., Mărzeşti,s,s,oooo., Hîrlău,s,s,1761., Spineni,s,s,1714., Aronenu,s,s,1831., Dumbreva,s,s,1726., Uricani,s,s,1736., Malnaş,s,s,3765., Sf.Gheorghe,s,s,3745., Vîntori,s,s,3925., Podu Turcului,s,s,3986., Tutova,s,s,4071., Gruşo-vîţ,s,s,4312., V.Pîrvan,s,s,oooo., Pădurea Roşie,s,s,5075., Pobăneşti,s,s,5713., Bucureşti,s,s,6013.
 5045 REM Data introduced by Dr.Szabó T.A., 25.09.1986(TRIFOCHR)
 5050 DATA Frunzoasa, BC, 73,3900., Sîrbi,s,s,3915., Tepu de sus,s,s,3956., Buciumeni,s,s,3955., Năneşti,s,s,3966., Polocin,s,s,4071.,



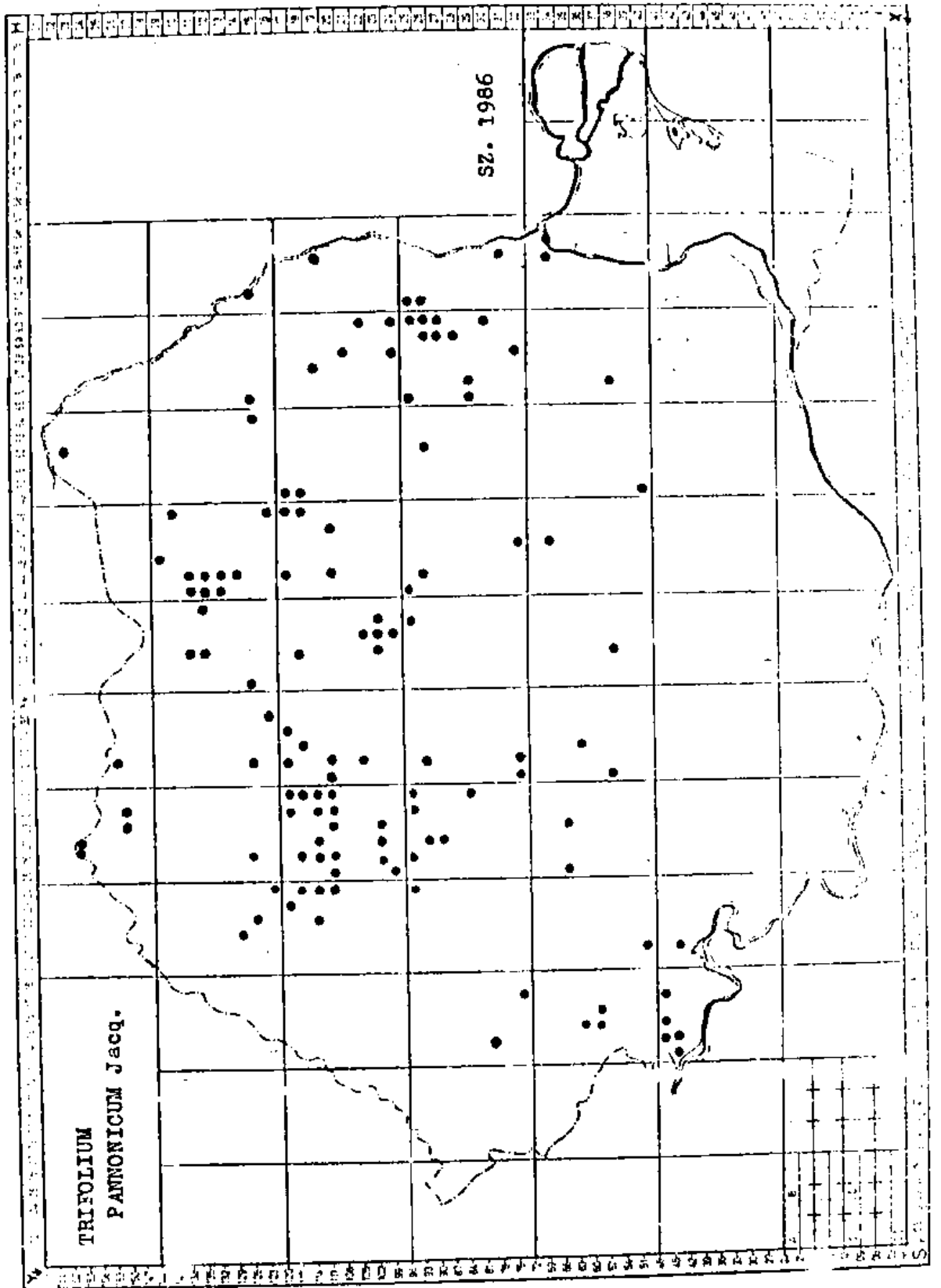
Mireni, s, s, 2716., Movileni, s, s, 2811., Ciocani, s, s, 4081., Blesești, s, s, 0000., Tăbăcești, s, s, 0000., Podu Trucului, s, s, 3985., Sîrbi, s, s, 3915., Flopu, s, s, 3986., Buda, s, s, 2735., Tarnița, s, s, 2714., Lugoj, EV, 74, 0000., Belint, s, s, 0000., Udricara, s, s, 0000., Goruni, s, s, 0000., Coșna, MT, 75, 1456., Sarul Dornei, s, s, 1541., Cocerca, s, s, 1532., Arcalia, SZ, 71, 1315., Schitu, VZ, 71, 2586., Bicz, s, s, 2681., Rimeti, SS, 69, 3485., V. Feneșului, IH, 65, 3473., s, s, s, 3463., Lelești, PD, 70, 1333., Mihăiești, PA, 85, 2276., Nădăș-Borșa, s, s, 2286., s, s, s, 2266., Roșia de Secaș, CV, 81, 3446., Mt. Plopiș, CG, 72, 2184., s, s, s, 2186., s, s, s, 1114., Dl. Plopiș, s, s, 1124., Gura Mare, ES, 74, 3534., Rustior, s, s, 3533., Tâlmăciu, s, s, 3515., Cisanădie, s, s, 3514., Cisanădioara, s, s, 3514., Pătrăș, PP, 78, 5486., Prilipeț, s, s, 5485., Bozovici, s, s, 5485., Gîrbovăt, s, s, 5475., Stîna de Vale, OR, 65, 2154., Bocșa, HO, 80, 4253., Dognecea, s, s, 4243., Vodnic, s, s, 4243., Valea Seacă, VG, 75, 2826., Tîțărani, s, s, 2864., Bunești, s, s, 2874., Stîobăreni, s, s, 2863., Belobresca, CI, 74, 5471., Divici, s, s, 5471., Radimna, s, s, 5472.,

5060 REM Place for new data

Table 3

Chorological data regarding Trifolium pannonicum Jacq. in
Romania

5010 REM File name: TRIPPANN
5015 REM File number: 11-CLA
5020 REM Map Scale: D4-COHER
5025 REM Taxon: Trifolium pannonicum Jacq.
5030 REM Author and date: stud. Furegő et Furegő, 10.09.1986
5040 DATA Torna Mare, O, O, 0253., Sighetul Marmatiei, s, s, 0332., Negrești
Ora, s, s, 0224., Gura Humorului, s, s, 1576., Mt. Rarău, s, s, 1562., Solca, s, s,
2763., Liane, s, s, 0664., Valea Iadului, s, s, 2164., Poenița, s, s, 3486., Su-



plac de Bercu, s, s, 1133., Mt. Meșeș, s, s, , Stana, s, s, 2272., Valea Vinului, s, s, 1463., Bistrita, s, s, 1421., Rodna, s, s, 1453., Răchitele, s, s, 2156., V. Someșului, s, s, 2276., Feiurd, s, s, 2166., Rogojel, s, s, 2166., Bă-tărel, s, s, 0000., Turda, s, s, 2332., Boju Cătun, s, s, 2352., Valea Morii, s, s, 2252., Boju, s, s, 2351., Chiochiș, s, s, 2384., Nicula, s, s, 2382., Puini, s, s, 2373., Borșa, s, s, 2276., Florești, s, s, 2211., Cristuru Secuieac, s, s, 3685., Odorheiu Secuieac, s, s, 3781., Toplita, s, s, 2581., Crăciunel Rodna, s, s, 3772., Borzont, s, s, 2552., Ch. Bicăzului, s, s, 2576., Bălan Ciuc, s, s, 2555., Aluniș, s, s, 2473., Botiști, s, s, 1626., Ceahlău, s, s, 1516., Andrieșeni, s, s, 0000., Moldovița, s, s, 1583., Bîrnova, s, s, 1821., Hălău-cești, s, s, 1721., Gușor, s, s, 3600., Petroșani, s, s, 4464., Serel, s, s, 4461., Ocoliș, s, s, 2224., Colțâști, s, s, 2223., Abrud, s, s, 3482., Iclod, s, s, 3572., Predeal, s, s, 4774., Brașov, s, s, 3714., Poiana Sărata, s, s, 3874., Borzești, s, s, 3981., Păd. Bondoa, s, s, 0000., Ceahlău, s, s, 1561., Băile Herculane, s, s, 5572., Reșita, s, s, 4244., Grugovița-Coraș, s, s, 4312., Cheile Oltetului, s, s, 4531., Ciungesti, s, s, 4553., Curtea de Argeș, s, s, 4633., Pietroscele de Jos-Ploiesti, s, s, 4811., Buzău, s, s, 4932., Vidra, s, s, 3942., Pădurea Roșie-Galați, s, s, 5074., s, s, s, 5075., Lugoj, s, s, 3215.

5075. NEW New data introduced by Dr. A. T. Szabó, 2. 10. 1986.

5076. DATA Luna de sus, EN, 41, 2254., Florești, s, s, 2255., Fîget, s, s, 2256., Hășeg, s, s, 2256., Valea Morii, s, s, 2256., Tăuți, s, s, 2255., Cojocna, s, s, 2255., Boju, s, s, 2251., Gheorgheni, s, s, 2256., Fînațe, s, s, 2206., V. Chinteni, s, s, s, s, Lomb, s, s, s, s, Hoina, s, s, 2265., Popești, s, s, s, s, Baciu, s, s, s, s, Ploiesti, s, s, 2276., Perind, s, s, 2286., Stana, SZ, 85, 2272., Mănăstireni, s, s, 2262., s, s, s, 2252., Căpușul Mic, s, s, 2263., Păniceni, s, s, 2263., Tăuți, EV, 74, 3224., Tîpări, s, s, s, s, Coșna, MT, 75, 1456., Vatra Dornei, s, s, 1541., s, s, s, 1551., s, s, s, 1542., s, s, s, 1552., Sarul Dornei, s, s, 1541., Izvorca, s, s, 1532., Panaci, s, s, 1532., Poiana Stampei, s, s, 1532., Arce-șu, SZ, 71, 1315., Ceahlău, VZ, 71, 1516., Schitu Durău, s, s, 1516., Izvorul Săratului, s, s, 2681., Răpăușani, s, s, 2586., Bofu, s, s, 2586., Număria, s, s, 2681., Cula Verdei, s, s, 2576., Ghicea Băicului, s, s, 2681., Bistra Mare, s, s, 2581., Tîrșoasa, s, s, 2681., Pîntec, s, s, 2586., Duroș, s, s, 2586., Secu, s, s, 2681., Bicoz, s, s, 2571., Remeti, SS, 69, 3485., V. Feneșului, IH, 65, 3485., s, s, s, 3463., Dej, EV, 70, 1322., Corabia Ciccului, s, s, 1332., Mihă-ilești, PA, 86, 2276., Ciucășu, s, s, 2286., V. Chinteni, s, s, 2206., V. Fînațe, s, s, 2206., Miercurea, CV, 91, 3541., V. Secatului, s, s, 3542., s, s, s, 3446., V. Plopiș, CG, 72, 2185., s, s, s, 1124., s, s, s, 1116., s, s, s, 0000., Gîrboș-zești, TA, 74, 4035., CUCA, s, s, 4024., Baltatu, s, s, 0000., Măgoc, s, s, 0000., Măgoc, s, s, s, s, 30 Decembrie, s, s, s, s, Sibiu, ES, 74, 2434., Sura Mare, s, s, 2434., Cristean, s, s, 2423., Orlet, s, s, 2423., Rășinari, s, s, 2424., Ciucă-

die, s, s, 2414., Sadu, s, s, 2414., Cianădioara, s, s, 2414., Ventem, s, s, 2425., Bozovivi, PP, 78.5485., Lăpușnicu Mare, s, s, s., Dognecea, HO, So, 4243., Bocsa, s, s, 4253., Fundu Covasnei, VG, 75, 2864., Belobreaca, CI, 74, 5471., Divici, s, s, s., Vl. Miloș, s, s, 5428., Vl. Radimna, s, s, 5472., Sasca Montana, s, s, 5483., Frunzoasa, CB, 73, 0000., Lelești, s, s, s., Buciumeni, s, s, 3955., Gohor, s, s, 3966., Nârtești, s, s, 3966., Pripomești, s, s, s., Plocin, s, s, 4071., Hreasa, s, s, 2716., Mireni, s, s, 2716., Movileni, s, s, 3936., Cicoani, s, s, 4081., Lălești, s, s, 2736., Prisecani, s, s, 3976., Făldioara, s, s, 3975., Galbeni, s, s, 3976., Corbița, s, s, 3975., Plogoceni, s, s, 3965., Fichtești, s, s, 3986., Priseca, s, s, 3941., Cociu, s, s, 0000., Fundatura, s, s, 2716., Izvoru Bercheiului, s, s, 2744., Grădești, s, s, 0000., Tocilosa, s, s, 0000., Găiciaua, s, s, 2741., Tătărești, s, s, 3914., Ocheni, s, s, 0000.

5053 REM Place for new data

5055 REM The source abbreviations (herbarium collections, PHD Theses, floristic monographs etc.) AB=Al. BORZA, AI=Herb. Inst. Agr. Iași;

AB = Al. BORZA	CD = C. DOBRESCU
AI = Herb. Inst. Agr. Iași	CG = Gh. COLDEA
AK = A. KOVACS in HUC	CI = I. COSTE
AL = ALBEXE in HUC	CLA = Herb. Inst. Agr. Cluj
AN = A. NYARADY	CS = St. CSÜRÖS
AR = A. RICHTER	CV = V. CRISTEA
BA = BAENITZ in HUC	DB = D. BRANDZA
BC = C. BERCA	DG = D. GRECESCU
BJ = BUJOREAN in HUC	DM = D. MITITELU
BR = BARABAS in HUC	EN = E. I. NYARADY
BU = BUTUJAS in HUC	ES = E. SCHNEIDER-BINDER
CC = CIRTU D et CIRTU M	GB = Her. Grăd. Bot. Univ. Buc.
CB = C. BURDUJA	GI = Herb. Grăd. Bot. Univ. Iași

GS = G. STERE	MT = M. TOMA
GV = Gh. VITALARU	NR = N. ROMAN
HA = HALMAGYI in HUC	OR = O. RATIU
HI = Herb. Grăd. Bot. Iași	PA = A. PATRASC
HO = HOBORKA Irén	PB = PATER B.
HUC = Herb. Univ. Cluj	PD = PAZMANY D.
IB = I. BUIA	PO = A. I. POP
IH = I. HODISAN	PP = P. PEIA
IM = I. MORARIU	SG = Gh. SILAGHI in HUC
IP = I. PRODAN	SS = St. SUTEU
MA = MATIES in HUC	SZ = SZABO T. A.
MD = M. DUMITRU	TO = I. TODOR in CLA
MI = Herb. Mus. Ist. Nat. Iași	UI = Herb. Univ. Iași
MO = I. MOLDOVAN	VE = E. VICOL
MP = M. PAUN	VG = Gh. VITALARIU
	VO = V. I. OPREA
	VZ = V. ZANOSCHI
	WG = WOLFF in HUC

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