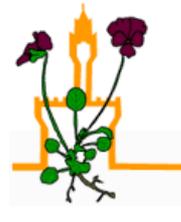


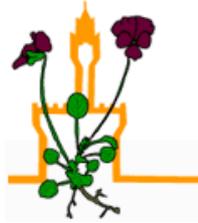
[www.anarchive.it](http://www.anarchive.it) - [www.vegitaly.it](http://www.vegitaly.it)

## Il progetto interuniversitario di informatizzazione dei dati botanici: stato dell'arte.

Venanzoni, A. Chiarucci, A. Giannangeli, A.T.R. Acosta, B. Foggi, C. Blasi, C. Perini, D. Gigante, D. Lucarini, E. Agrillo, E. Biondi, E. Del Vico, E. Feoli, E. Panfili, F. Attorre, F. Bracco, F. Geri, F. Landucci, F. Spada, F. Taffetani, G. Buffa, G. Spampinato, I. Bonini, I. Prisco, L. Carimini, L. Carranza, L. Facioni, L. Lastrucci, L. Rosati, L. Vidali, M. Aleffi, M. De Sanctis, P. Hernandez, P. Ganiz, R. Guarino, R. Tacchi, S. Landi, S. Peccenini, S. Pesaresi, S. Poponessi, V. Zuccaiello, V.E. Cambria, .....



# An Archive for botanical data



# An Archive for botanical data

Vegetation data  
(relevés, plots)

Floristic data  
(herbaria-records)



## Loan check-out

Fill the form and check the requested specimens

### Loan recipient data

email:

name:

organization:

address:

telephone number:

anotations:



*Carex flacca* Schreb. subsp. *erythrostachys* (Hoppe) Holub [ CAME#23799 Herbarium V. MARCHESONI#21701 ]



*Carex viridula* Michx. subsp. *viridula* [ CAME#23873 Herbarium V. MARCHESONI#21775 ]



*Kobresia myosuroides* (Vill.) Fiori [ CAME#23581 Herbarium V. MARCHESONI#21484 ]



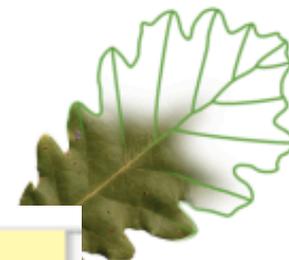
*Populus alba* L. [ PI-AGR#3273 ]

submit



# An Archive for botanical data

Server 3.4.99.2



- Home
- Databases
- Herbaria
- Vegetation
- Map
- Global search
- Registered users
- Bookshelf
- Software
- Statistics
- Links
- Project
- Experimental

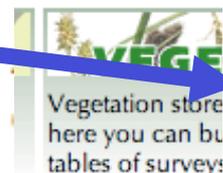
## Welcome to the anArchive databases system.

Accessing to this web site you can browse herbarium specimens collections, floristic data, vegetation data, etc.

name:

password:

Users can fast and easily browse herbarium specimens



 **roberto**

Accesible databases: cormofite, PERU, italia, PERU::prestiti, VEGVEN, CAME

We try to build web pages using standard technologies like HTML and JavaScript. We use the Mozilla browser. FireFox and Opera works fine: they are stable, fast and secure.

We hope you enjoy our work!

- TOHCAT POWERED
- POSTGRESOL POWERED
- WSC HTML 4.01
- WSC CSS
- FIREFOX
- OPERA



06

t subsystem is

rary disabled flora em.

06

system for plots

06

Improvements to the vegetation subsystem, mainly regarding usability.

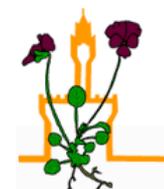
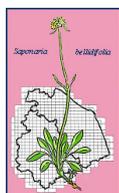
Minor improvements on database.

15 Jan 2006

Many improvements to the system, mainly more geographical data.

Fully function loan subsystem.

New view in specimen



# An Archive for botanical data

Responsabili check-list:  
Domenico Lucarini (check-list nazionale)

Linnaeus

File Impostazioni Strumenti Aiuto

Modifica della specie 44168 di cormofite

non sinonimo nuova specie stessa specie

sinonimo p.p. canonico: Carex bicolor Bellardi ex All.

famiglia: Cyperaceae

classe biologica: Geofite rizomatose

tipo corologico: Artico-Alpino

check-list: cormofite gruppo: cld

codice genere: 0525 specie: 153 sottospecie: 00

X	nome	autore
genere:	Carex	
specie:	androgyna	Balb.
sottospecie:		
varietà:		
sottovarietà:		
forma:		
cultivar:		
genitore 1:		
genitore 2:		

[sin]Carex androgyna Balb.

note:

letteratura: Elenco: 97 (1801)

IE 1 (descr): 3 IE 2 (descr): 3 IE 3 (descr): 4 IE 4 (descr): 4  
IE 5 (descr): 4 IE 6 (descr): 3 IE 7 (descr): 1 IE 8 (descr): 3

nuovo pulisci rimuovi invia

Recuperati 273 nomi.

Linnaeus

Versione 5.0.0  
Client per la gestione della check-list delle specie.  
Home page: <http://erbariitaliani.unipg.it>

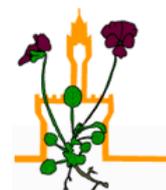
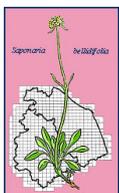
nome: roberto

password: \*\*\*\*\*

check-list: cormofite

+ dettagli esci entra

Richiesta password...

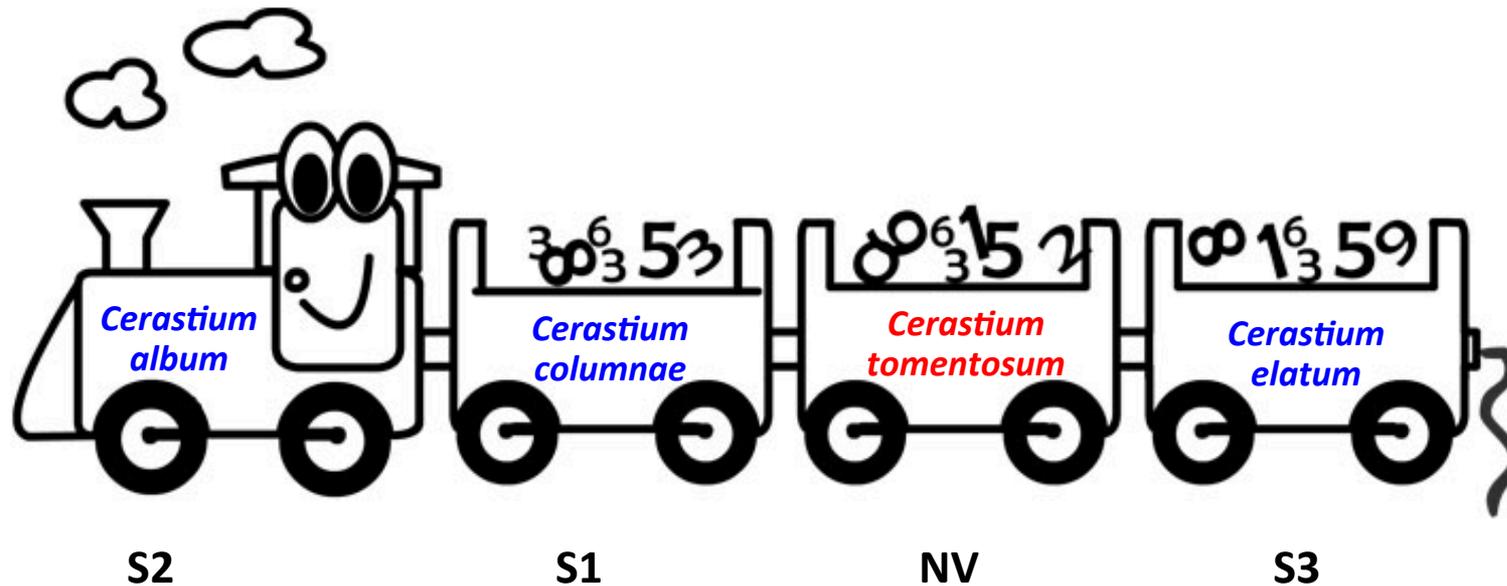
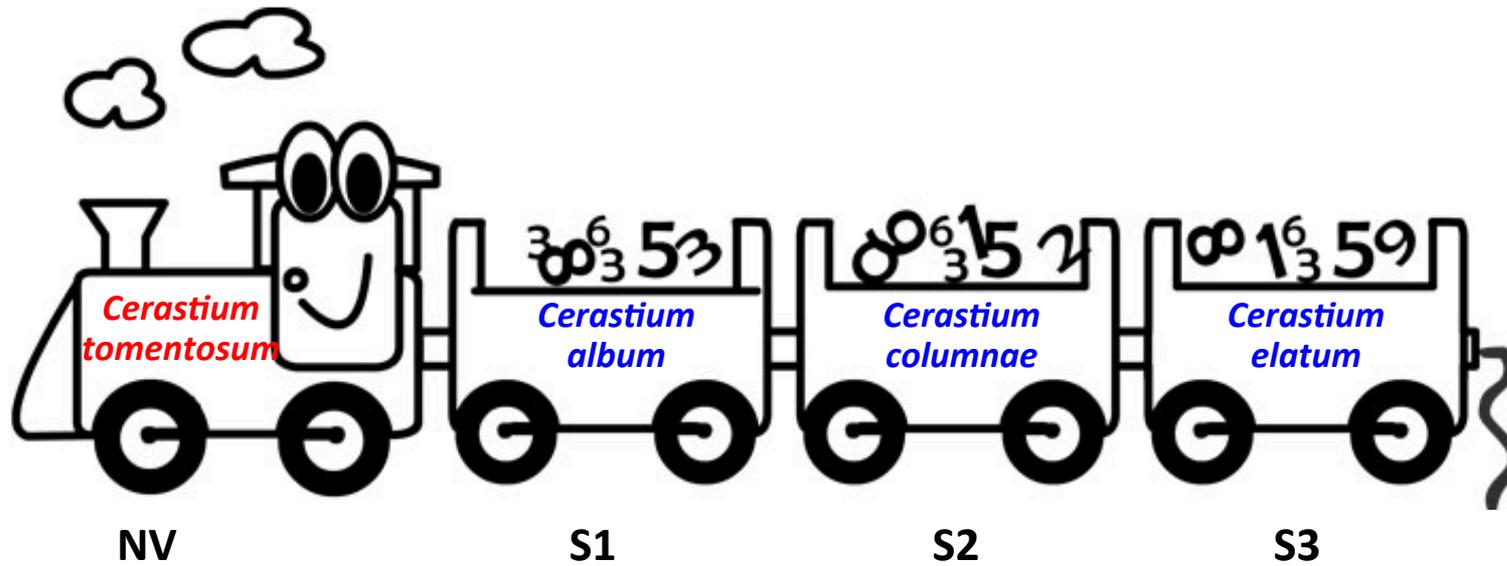




# An Archive for botanical data

Species	Synonym 1	Synonym 2	Synonym 3	Synonym 4	Synonym 5
<i>Chara vulgaris</i> Linnaeus	<i>Chara foetida</i> A. Braun <i>Chara foetida</i> A. Braun <i>ssp. gymnophylla</i> A. Braun				
<i>Chara gymnophylla</i> A. Braun					
<i>Chara contraria</i> A. Braun ex Kützing					
<i>Chara crassicaulis</i> Schleicher	<i>Chara vulgaris</i> L. ssp. <i>crassicaulis</i> (A. Braun) Zaneveld <i>Chara ceratophylla</i> Wallroth				
<i>Chara tomentosa</i> Linnaeus					
<i>Chara hispida</i> Linnaeus <i>Chara rudis</i> (A. Braun) R.D. Leonhardi					
<i>Chara intermedia</i> A. Braun	<i>Chara aculeolata</i> Kützing in Reichenbach	<i>Chara papillosa</i> Kützing			
<i>Chara polyacantha</i> A. Braun in Braun, Rabenhorst & Stizenberger					
<i>Chara globularis</i> Thuillier	<i>Chara fragilis</i> Desvaux in Loiseleur-Deslongchamps	<i>Chara pulchella</i> Wallroth			
<i>Chara delicatula</i> C. Agardh	<i>Chara virgata</i> Kützing	<i>Chara globularis</i> Thuillier var. <i>virgata</i> (Kützing) R.D. Wood			
<i>Chara aspera</i> Detharding ex Willdenow					
<i>Chara galioides</i> de Candolle					
<i>Chara canescens</i> Desvaux et Loiseleur	<i>Chara crinita</i> Wallroth				
<i>Chara braunii</i> C.C. Gmelin	<i>Chara cortiana</i> Bertoloni in Amici	<i>Chara coronata</i> Ziz ex Bischoff			
<i>Chara baueri</i> A Braun <i>Chara pelosiana</i> Avetta					
<i>Lamprothamnium papulosum</i> (Wallroth) J. Groves	<i>Lamprothamnium papulosum</i> Béguinot et Formiggini	<i>Lamprothamnium alopecuroides</i> (Del.) A. Braun			
<i>Lychnothamnus barbatus</i> (Meyen) Leonhardi					
<i>Nitellopsis obtusa</i> (Desvaux in Loiseleur-Deslongchamps) J. Groves	<i>Chara ulvoides</i> Bertoloni in Bruni	<i>Lychnothamnus stelliger</i> (Bauer in Reich) A. Braun in Braun & Nordstedt	<i>Tolypellopsis obtusa</i> (Desvaux) Béguinot et Formiggini		
<i>Nitella flexilis</i> (Linnaeus) C. Agardh	<i>Chara flexilis</i> Linnaeus				
<i>Nitella opaca</i> (C. Agardh ex Bruzelius) C. Agardh <i>Nitella syncarpa</i> (Thuillier) Chevallier					
<i>Nitella capillaris</i> (Krockner) J. Groves et Bullock-Webster	<i>Chara elastica</i> Amici	<i>Nitella capitata</i> Agardh		<i>Nitella syncarpa</i> (Thuillier) Chevallier var. <i>capitata</i> (Nees) Kützing	
<i>Nitella mucronata</i> (A. Braun) Miquel	<i>Chara furcata</i> Amici	<i>Chara brevicaulis</i> Bertoloni	<i>Chara barbieri</i> Balsamo-Crivelli	<i>Nitella furcata</i> (Amici) Briosi	<i>Nitella furcata</i> (Roxb. Ex Bruz.) Ag. ssp. <i>mucronata</i> (A. Br.) R.D. Wood

# An Archive for botanical data



**Check-List delle Cormofite Italiane  
( A cura ess. Di Domenico Lucarini)**

*Abies alba* Mill.

Famiglia: Pinaceae, forma biologica: Fanerofite scapose, tipo corologico: Orof. S-Europeo

Sinonimo: *Abies alba* Mill. subsp. *apennina* Brullo. Scelsi et Spamp.

Sinonimo: *Abies pectinata* (Lam.) DC

.....

.....

*Zygophyllum fabago* L.

Famiglia: Zygophyllaceae, forma biologica: Nanofanerofite, tipo corologico: Avv. casuale

**Thesaurus di 23250 di cui 11721 sono nomi validi**

*Ranunculus bariscianus* Dunkel

Famiglia: Ranunculaceae, forma biologica: Emicriptofite scapose, tipo corologico:

Appenninico

*Festuca alfrediana* Foggi et Signorini subsp. *alfrediana*

Famiglia: Poaceae, forma biologica: Emicriptofite cespitose, tipo corologico: Subendemico

*Festuca alfrediana* Foggi et Signorini subsp. *ferrariniana* Foggi, Parolo et Gr. Rossi

Famiglia: Poaceae, forma biologica: Emicriptofite cespitose, tipo corologico: Appenninico

Sinonimo: *Festuca vizzavonae* auct. fl. ital., non Ronninger

# An Archive for botanical data

HerbArchiver

File Strumenti Aiuto

**Modifica del cartellino 1030 dell'erbario PERU (655 della collezione Cicioni Sibillini) {cicioni1}**

\* specie:

Silene dioica (L.) Clairv.

legitEtDeterminavit

erbario: PERU pr. erbario: 1030

nuova  privato  prestabile progetto:

determinavit  data:

storia:

conservazione:  numero fogli:

caratteristiche:

associazione:

note originali:

note:

nome originale:

nascondi localizzazione esatta

\* località:  comune:

provincia:  regione:  stato:

area protetta tipo:  nome:

reticoli RCFR:  UTM:  ID INFC:

coord. geogr. datum:  lat:  long:

coord. proiet. proiezione:  datum:

fuso:  X:  Y:

Pronto.

specie:

erbario: PERU progr.: >800

collezione:  progr.:

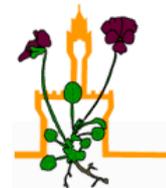
legit:

località:

comune:  regione:

and: #herbaria > 800, herbaria='PERU'

num	#erb...	collezione	#coll...	
220	1022	Cicioni Um...	622	Helle
221	1023	Cicioni Lazio	2	Helle
222	1024	Cicioni	568	Silene
223	1025	Cicioni Sibil...	653	Silene
224	1026	Cicioni	569	Silene
225	1027	Cicioni	2	Silene
226	1028	Cicioni Svezia	19	Silene
227	1029	Cicioni Sibil...	654	Silene
228	1030	Cicioni Sibil...	655	Silene
229	1031	Cicioni Sibil...	656	Silene
230	1032	Cicioni Tos...	552	Silene
231	1033	Cicioni Um...	623	Sapo
232	1034	Cicioni Um...	624	Sapo
233	1035	Cicioni Sibil...	657	Sapo
234	1036	Cicioni Um...	658	Sapo
235	1037	Cicioni Sibil...	659	Centa
236	1038	Cicioni Pie...	548	Centa
237	1039	Cicioni Alpi	42	Centa
238	1040		530	Centa
239	1041	Cicioni Alpi	43	Centa
240	1042	Cicioni Sibil...	660	Centa



# An Archive for botanical data

nessuno  
 EU-SIC  
 ZPS  
 parco nazionale  
 parco regionale  
 riserva naturale regionale  
 riserva naturale statale

specie esotiche presenti

tipi idrici: indefinito  
 boschi: indefinito  
 accesso: indefinito

comune: \_\_\_\_\_ provincia: \_\_\_\_\_ regione: \_\_\_\_\_  
 macro località: \_\_\_\_\_ stato: \_\_\_\_\_

area protetta tipo: nessuno nome: \_\_\_\_\_

reticoli RCFR: \_\_\_\_\_ UTM: \_\_\_\_\_ ID INFC: \_\_\_\_\_

coord. geogr. datum: nessuno lat: \_\_\_\_\_ long: \_\_\_\_\_

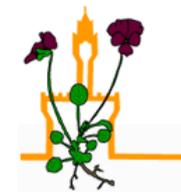
coord. proiett. proiezione: nessuna datum: nessuno  
 fuso: \_\_\_\_\_ X: \_\_\_\_\_ Y: \_\_\_\_\_

altitudine: \_\_\_\_\_ esp.: \_\_\_\_\_ incl.: \_\_\_\_\_  
 substrato: \_\_\_\_\_  
 habitat: \_\_\_\_\_

nessuno  
 WGS84  
 ED50  
 Roma40

nessuna  
 UTM  
 Gauss-Boaga

< prec succ > nuovo pulisci rimuovi inserisci



# An Archive for botanical data

Herbaria search, 290 specimens match search criteria.  
specie="Acer"

>1< 2 3 4 5 6 7 8 9 10 more>>



*Acer campestre* L. [\[more details\]](#)

**SIENA 202 collection:SIENA 202**

legit: V. Zoni, S. Maccherini, A. Chiarucci 1998-06-17

determinavit: V. Zoni, S. Maccherini

Poggio la Torretta (Cinigiano, Toscana, Italia)



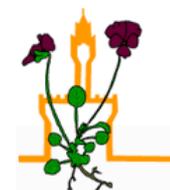
*Acer campestre* L. [\[more details\]](#)

**CAME 10310 collection:Herbarium V. MARCHESONI 8279**

legit: V. Marchesoni 1956-05-26

determinavit: S. Ballelli et D. Lucarini2001

Valle di Rapegna (Castelsantangelo sul Nera, Marche, Italia)



# An Archive for botanical data



***Carex acuta* L.**

**PERU#810** collection: Cicioni Sibillini#589

legit et determinavit: Giulio Can. Cicioni 1887

presso il Castelluccio (M. Vettore) (Norcia, Umbria, Italia)



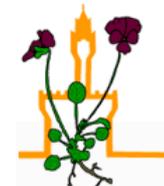
***Carex acuta* L.**

**CAME#25091** collection: Herbarium V. MARCHESONI#22991

legit et determinavit: V. Marchesoni 1962-07-05

Pian Grande (Norcia, Umbria, Italia)

request for loan



# An Archive for botanical data

S



Tesi e Libri



Didattica



Links



Contatti



Manuale erbario



Herbarium ANC



Erbario Paolucci



Rete erbari



Erbari italiani



Erbari nel mondo



a cura del  
Prof. Fabio Taffetani



ANC

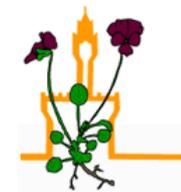


Università Politecnica delle Marche  
Ancona

Sito ottimizzato per la  
visualizzazione  
1024x768



Società Botanica Italiana onlus  
Sez. Umbro-Marchigiana



Società Botanica Italiana onlus  
Gruppo di lavoro per la Floristica  
Gruppo di lavoro per la vegetazione

# An Archive for botanical data



**Carex flacca** Schreb.

PERU#217

legit: D. Gigante, F. Maneli, R. Venanzoni 2004-06-16

determinavit: D. Gigante, F. Maneli 2004-10-18

Ferretto, area rimboschimenti (Castiglione Del Lago, Umbria, Italia)

request for loan



**Carex flacca** Schreb.

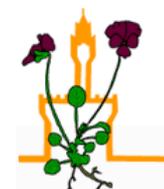
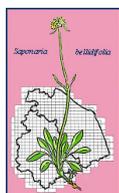
IS#156

legit: G. Presti A. Tilia 2000-07-27

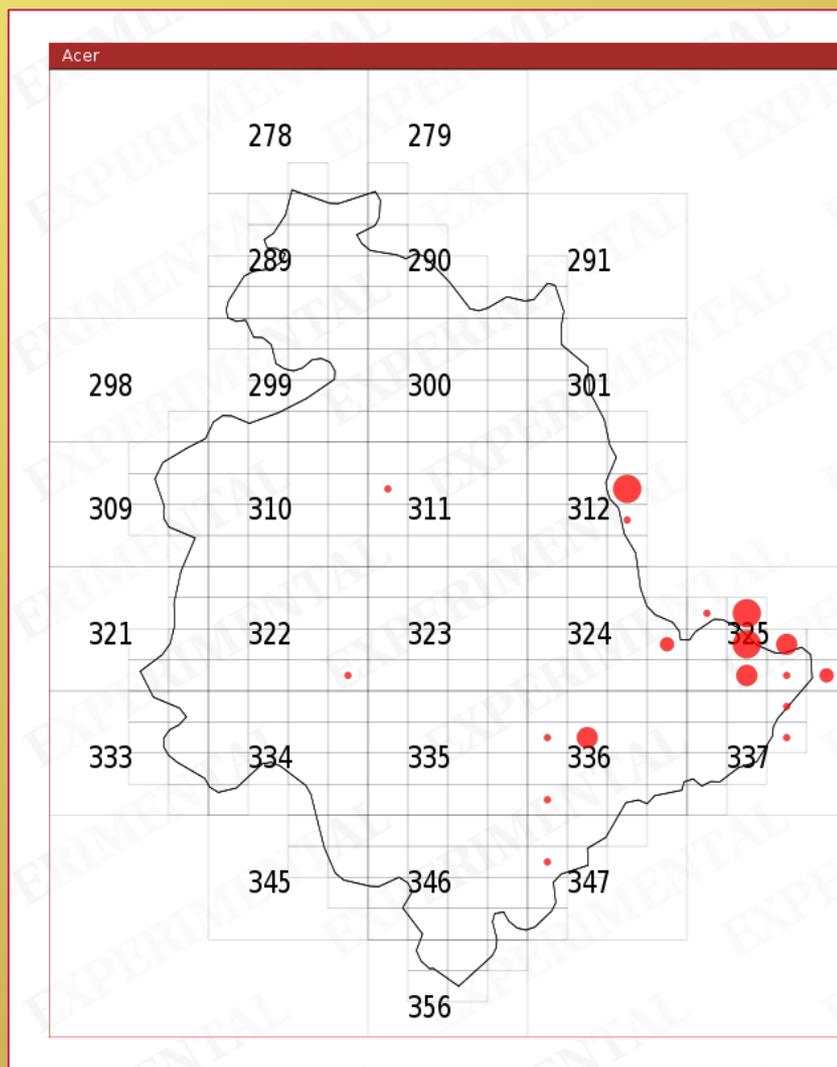
determinavit: G. Presti

Bosca della Ficora (Carovilli, , )

request for loan



# An Archive for botanical data



**311050** parco Santa Margherita, Perugia [from VEGVEN]. parco Santa Margherita, Perugia [from VEGVEN].

**312070** Monte Pennino (Forca di Bara), Sefro [from CAME]. Monte Pennino (Forca di Bara), Sefro [from CAME]. Forca di Bara, Sefro [from CAME]. Forca di Bara, Sefro [from CAME]. Monte Pennino (Forca di Bara), Sefro [from CAME]. Forca di Bara, Sefro [from CAME]. Valle di Laverinello (sotto Monte Pennino), Fiuminata [from CAME]. Valle di Laverinello (sotto Monte Pennino), Fiuminata [from CAME]. Forca di Bara, Sefro [from CAME]. Forca di Bara, Sefro [from CAME].

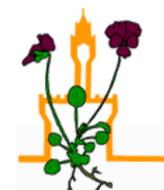
**312110** Annifo (bivio), Foligno [from CAME]. Annifo (bivio), Foligno [from CAME].

**322160** affluente del Torrente Faena, fosso senza nome vicino fosso delle Pianacce, San Venanzo [from VEGVEN]. affluente del Torrente Faena, fosso senza nome vicino fosso delle Pianacce, San Venanzo [from VEGVEN]. affluente del Torrente Faena, fosso senza nome vicino fosso delle Pianacce, San Venanzo [from VEGVEN].

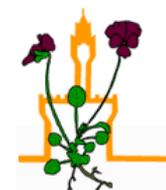
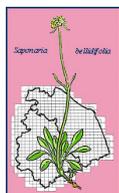
**324120** Val Nerina (Ponte di Chiusita), Visso [from CAME]. Val Nerina (Ponte di Chiusita), Visso [from CAME]. Val Nerina (Ponte di Chiusita), Visso [from CAME].

**325050** Visso-Chiusita, Visso [from CAME].

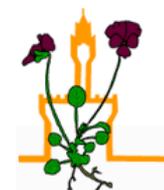
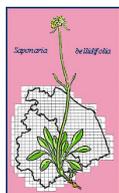
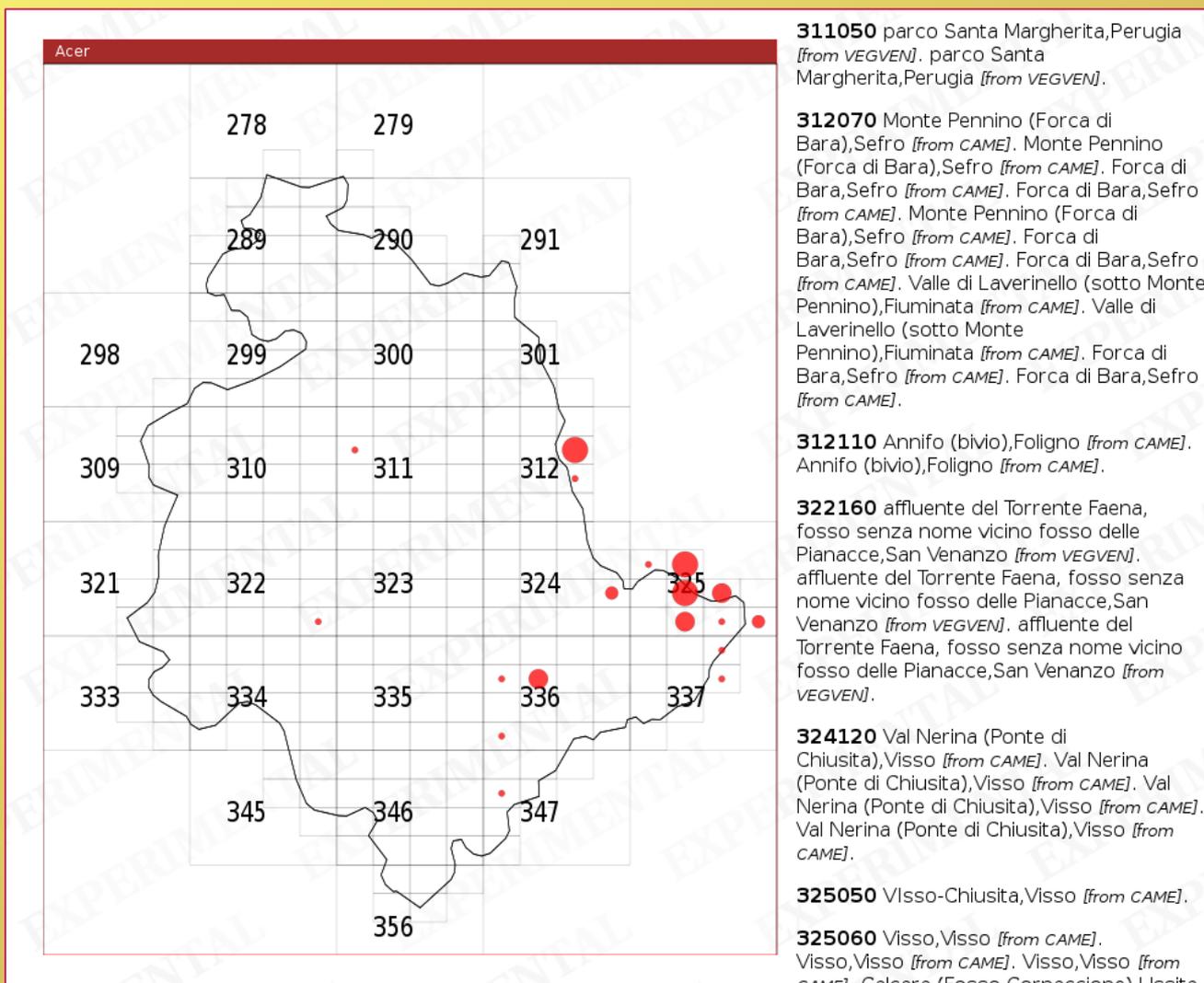
**325060** Visso, Visso [from CAME]. Visso, Visso [from CAME]. Visso, Visso [from CAME]. Calcarà (Fosso Cornaccione), Ussita



# An Archive for botanical data

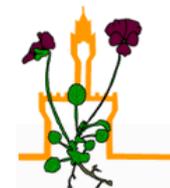
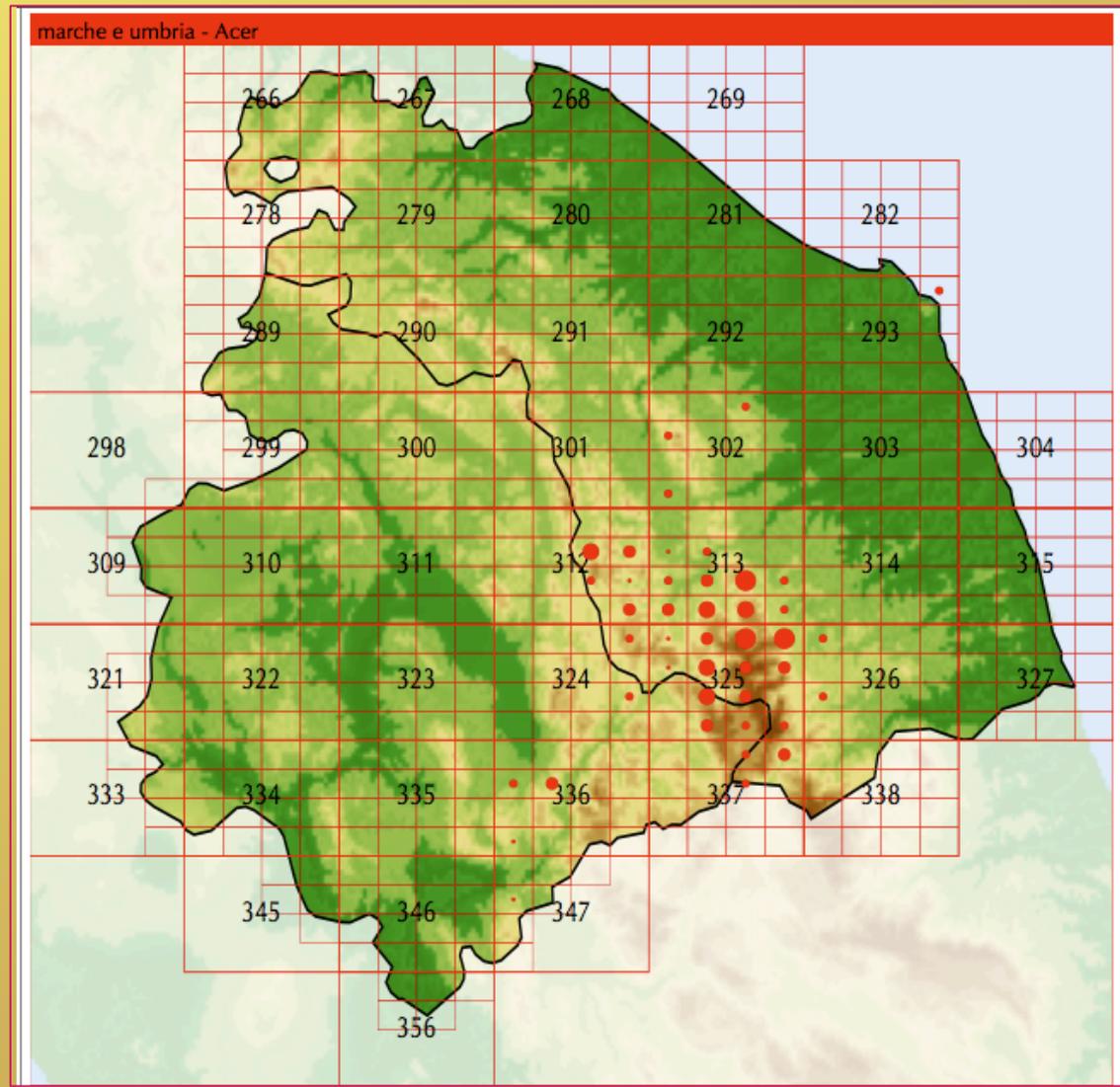


# An Archive for botanical data



# An Archive for botanical data

- one sign
- two..four signs
- five..nine signs
- ten..nineteen signs
- more than twenty



# An Archive for botanical data

Sistema Web-Gis

capra - Google Search   Herbaria search   Sistema Web-Gis

localhost:8080/anArchive/herbaria/Cerca.do?SpecieRef\_name=Quercus+ilex&DirectoryInfo\_subContainerName=&DirectoryInfo

home species herbaria vegetation global db project

anArchive login

- INFORMAZIONI**
- record (click to show/hide)
  - raccolta (click to show/hide)
  - geografia (click to show/hide)

Coordinate (x,y): 12.89632, 43.00636

seleziona elementi - Esporta la selezione in gml, kml

Nuova ricerca



An Archive for botanical data



# VegItaly

[WWW.vegitaly.it](http://WWW.vegitaly.it)

# An Archive for botanical data

VegArchiver

File Strumenti Aiuto

 **Modifica del rilievo 5 del progetto VEGASPIX**

generale geografici specie

1: alberi 0m , cop=0%

▼ 2: arbusti 1.15m , cop=80% (2 specie)

<5> **Rubus sp.** [DET INCERTA]

<1> Prunus spinosa L.

▼ 3: erbe 1m , cop=70% (20 specie)

<3> Sambucus ebulus L.

<2a> Urtica dioica L.

<2b> Brachypodium rupestre (Host) Roem. et Schult.

<+> Origanum vulgare L.

<+> Dactylorhiza viridis (L.) R.M. Bateman, Pridgeon et M.W. Chase [Coeloglossum viride (L.) ...]

<1> Dactylis glomerata L.

<1> Crucjata laevipes Opiz

<1> Silene vulgaris (Moench) Garcke subsp. vulgaris

<+> Heracleum sphondylium L. subsp. ternatum (Velen.) Brummitt

<1> Helleborus bocconeii Ten.

<+> Galium verum L.

<+> Achillea millefolium L.

<+> Vicia tenuifolia Roth

<+> Hypericum perforatum L.

specie:

abbondanza:  id campione:  incidenza:   plantula

comunita:

progetto: VEGA! progr:

sottopr.:  progr:

rilevatore:

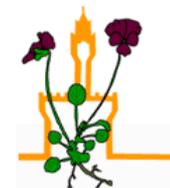
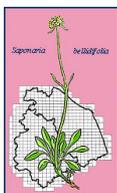
località:

comune:  regione:

#ril.	subprj.	#subprj.	località
1	MucinaV...	1	Riserva Na...
2	MucinaV...	2	Riserva Na...
3	MucinaV...	3	Riserva Na...
4	MucinaV...	4	Riserva Na...
5	MucinaV...	5	Riserva Na...
6	MucinaV...	6	Riserva Na...
7	MucinaV...	7	Riserva Na...
8	MucinaV...	8	Riserva Na...
9	MucinaV...	9	Riserva Na...
10	MucinaV...	10	Riserva Na...
11	MucinaV...	11	Riserva Na...

Rilievo recuperato.

<< >> nuovo pulisci rimuovi invia



# An Archive for botanical data

## Vegetation advanced search

community:

project:  id:  subproject:

rilevatore:  grid:  locality:

town:  province:  region:

the relevée must contain at least one of the following species

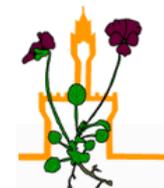
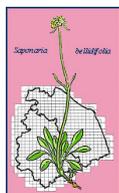
species	layer	minimal abound.	species	layer	minimal abound.	species	layer	minimal abound.
<input type="text"/>	<input type="text" value="any"/>	<input type="text"/>	, <input type="text"/>	<input type="text" value="any"/>	<input type="text"/>	, <input type="text"/>	<input type="text" value="any"/>	<input type="text"/>

and at least one of the following

species	layer	minimal abound.	species	layer	minimal abound.	species	layer	minimal abound.
<input type="text"/>	<input type="text" value="any"/>	<input type="text"/>	, <input type="text"/>	<input type="text" value="any"/>	<input type="text"/>	, <input type="text"/>	<input type="text" value="any"/>	<input type="text"/>

and at least one of the following

species	layer	minimal abound.	species	layer	minimal abound.	species	layer	minimal abound.
<input type="text"/>	<input type="text" value="any"/>	<input type="text"/>	, <input type="text"/>	<input type="text" value="any"/>	<input type="text"/>	, <input type="text"/>	<input type="text" value="any"/>	<input type="text"/>

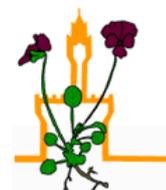
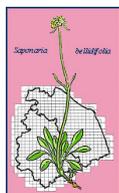


# An Archive for botanical data

PLOTSIENA [expand] [collapse]

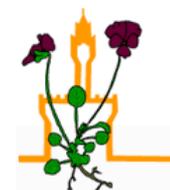
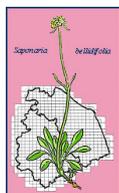
arianna [expand] [collapse] [check all] [uncheck all]

- PLOTSIENA 3 (id: AMI) arianna 100001 (id: 001)001:: *giovanni bacaro / arianna vannini, 2005-07-04* []
- PLOTSIENA 4 (id: AMI) arianna 100002 (id: 002)002:: *giovanni bacaro / arianna vannini, 2005-07-04* []
- PLOTSIENA 6 (id: AMI) arianna 100003 (id: 004)004:: *giovanni bacaro / arianna vannini, 2005-07-05* []
- PLOTSIENA 7 (id: AMI) arianna 100004 (id: 005)005:: *giovanni bacaro / arianna vannini, 2005-07-05* []
- PLOTSIENA 13 (id: AMI) arianna 100005 (id: 013)013:: *giovanni bacaro / arianna vannini, 2005-07-07* []
- PLOTSIENA 14 (id: AMI) arianna 100006 (id: 012)012:: *giovanni bacaro / arianna vannini, 2005-07-07* []
- PLOTSIENA 15 (id: AMI) arianna 100007 (id: 011)011:: *giovanni bacaro / arianna vannini, 2005-07-07* []
- PLOTSIENA 17 (id: RIP) arianna 100009 (id: 005)005:: *giovanni bacaro / arianna vannini, 2005-07-13* []
- PLOTSIENA 18 (id: RIP) arianna 100010 (id: 008)008:: *giovanni bacaro / arianna vannini, 2005-08-02* []
- PLOTSIENA 34 (id: AMI) arianna 100022 (id: 010)010:: *giovanni bacaro / arianna vannini, 2005-07-06* []
- PLOTSIENA 35 (id: PIG) arianna 100023 (id: 001)001:: *giovanni bacaro, 2005-06-15* []
- PLOTSIENA 36 (id: PIG) arianna 100024 (id: 004)004:: *giovanni bacaro, 2005-05-16* []
- PLOTSIENA 37 (id: PIG) arianna 100025 (id: 007)007:: *giovanni bacaro / arianna vannini, 2005-06-29* []
- PLOTSIENA 38 (id: PIG) arianna 100026 (id: 009)009:: *giovanni bacaro / arianna vannini, 2005-06-30* []
- PLOTSIENA 39 (id: PIG) arianna 100027 (id: 011)011:: *giovanni bacaro / arianna vannini, 2005-07-01* []
- PLOTSIENA 40 (id: PIG) arianna 100028 (id: 002)002:: *giovanni bacaro, 2005-06-15* []



# An Archive for botanical data

<a href="#">Refresh this page (exec operations)</a>		C0	C1	C2	C3	C4
Refresh page before use this links!		<a href="#">before</a> <a href="#">after</a>				
<a href="#">Jaccard similarity matrix</a> <a href="#">export data</a>		<a href="#">DEL</a> <a href="#">MOV</a>				
no extra info						
Species	#	<a href="#">PLOTSIENA#3</a> <a href="#">PLOTSIENA#3</a> <a href="#">PLOTSIENA#3</a>	<a href="#">PLOTSIENA#4</a> <a href="#">PLOTSIENA#4</a> <a href="#">PLOTSIENA#4</a>	<a href="#">PLOTSIENA#6</a> <a href="#">PLOTSIENA#6</a> <a href="#">PLOTSIENA#6</a>	<a href="#">PLOTSIENA#7</a> <a href="#">PLOTSIENA#7</a> <a href="#">PLOTSIENA#7</a>	<a href="#">PLOTSIENA#13</a> <a href="#">PLOTSIENA#13</a> <a href="#">PLOTSIENA#13</a>
<i>Fagus sylvatica</i> L.	3	0	95	95	93	0
<i>Castanea sativa</i> Mill.	2	90	0	0	0	85
<i>Abies alba</i> Mill.	1	1	0	0	0	0
<i>Pyrus pyraeaster</i> (L.) Burgsd.	1	0	0	0	0	8
<i>Fagus sylvatica</i> L.	3	0.5	0	2	5	0
<i>Castanea sativa</i> Mill.	2	30	0	0	0	2
<i>Prunus avium</i> (L.) L.	1	1	0	0	0	0
<i>Sambucus nigra</i> L.	1	10	0	0	0	0
<i>Senecio ovatus</i> (G. Gaertn., B. Mey. et Scherb.) Willd.	4	0	0.06	0.4	0.1	0.2
<i>Fagus sylvatica</i> L.	3	0	2	0.2	0.1	0
<i>Hieracium murorum</i> L.	3	0	0.01	0.05	0.5	0
<i>Prenanthes purpurea</i> L.	3	0	0.5	0.1	0.3	0
<i>Cardamine heptaphylla</i> (Mill.) O.E. Schulz	2	0	0	1	0.2	0
<i>Castanea sativa</i> Mill.	2	35	0	0	0	1.5
<i>Geranium robertianum</i> L.	2	0	0	0.03	0	0.1



# An Archive for botanical data

## Similarity matrix parameters

- $$S = \sum_{k=0}^{k=n} \frac{a_k \cdot b_k}{(a_k - b_k)^2}$$

- $$S = \frac{m}{n}$$

- $$S = 1 - \sqrt{\frac{\sum_{k=0}^{k=n} (a_k - b_k)^2}{100^2 \cdot n}}$$

*S*: similarity value 0..1

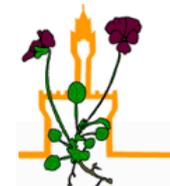
*a<sub>i</sub>*: abundance of *i*\_th species in the first relevée

*b<sub>i</sub>*: abundance of *i*\_th species in the second relevée

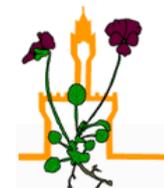
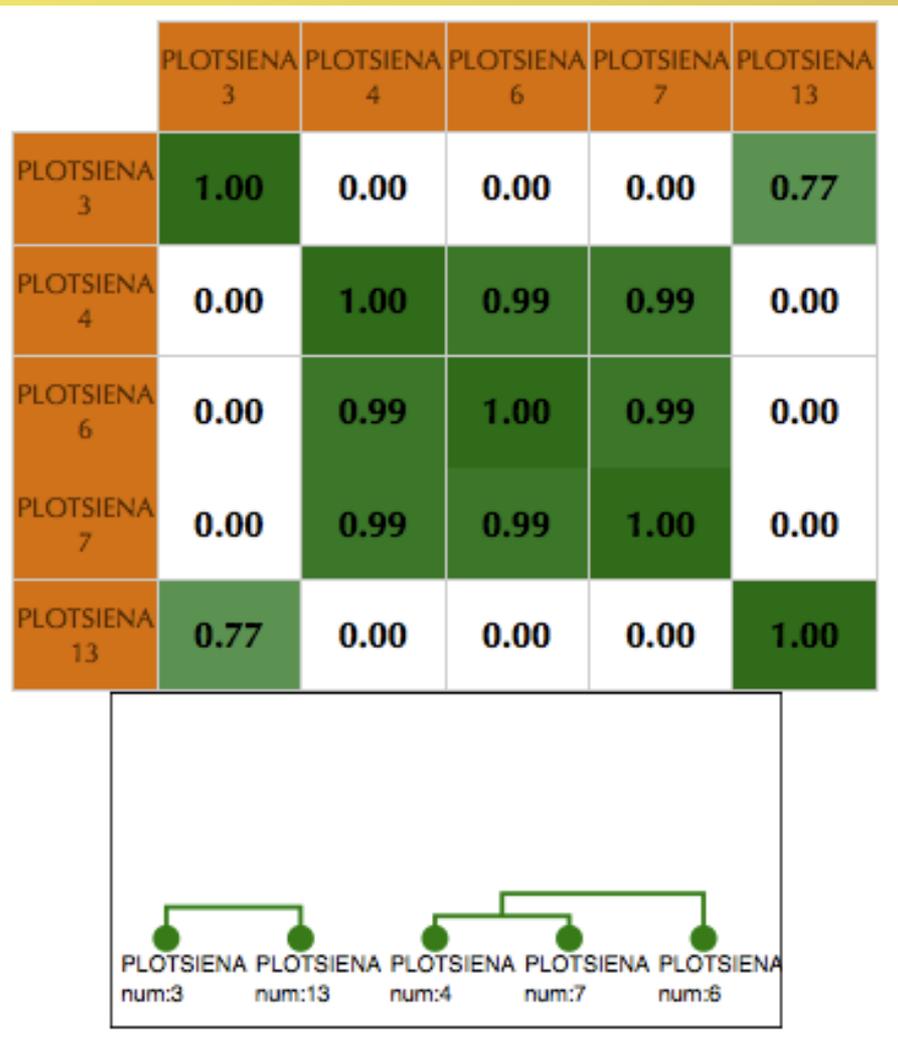
*m*: all the species relevéd in the first and in the second relevée

*n*: all the species relevéd in the first or in the second relevée

build



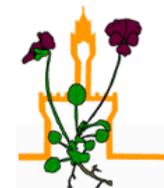
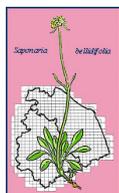
# An Archive for botanical data



# An Archive for botanical data

## names pool

Utricularia minor L.  
Vaccinium myrtillus L.  
Valeriana montana L.  
Valeriana tripteris L.  
Valeriana tuberosa L.  
**Valerianaceae**  
Veratrum lobelianum Bernh.  
Verbascum longifolium Ten.  
Verbena officinalis L.  
**Verbenaceae**  
Veronica arvensis L.  
Veronica beccabunga L. subsp. beccabunga  
Veronica chamaedrys L. subsp. chamaedrys  
Veronica fruticans Jacq.  
Veronica orsiniana Ten. subsp. orsiniana  
Veronica persica Poir.  
Veronica prostrata L. subsp. prostrata  
Veronica scutellata L.  
Vinca minor L.  
Vincetoxicum hirundinaria Medik. subsp. hirundinaria  
Viola alba Besser subsp. dehnhardtii (Ten.) W. Becker  
Viola biflora L.  
Viola calcarata L.  
Viola canina L. subsp. ruppii (All.) Schübl. et G.  
Martens  
Viola eugeniae Parl. subsp. eugeniae  
**Violaceae**



# An Archive for botanical data

*Acer campestre* L.

## Details

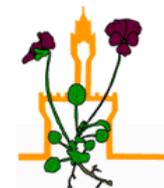
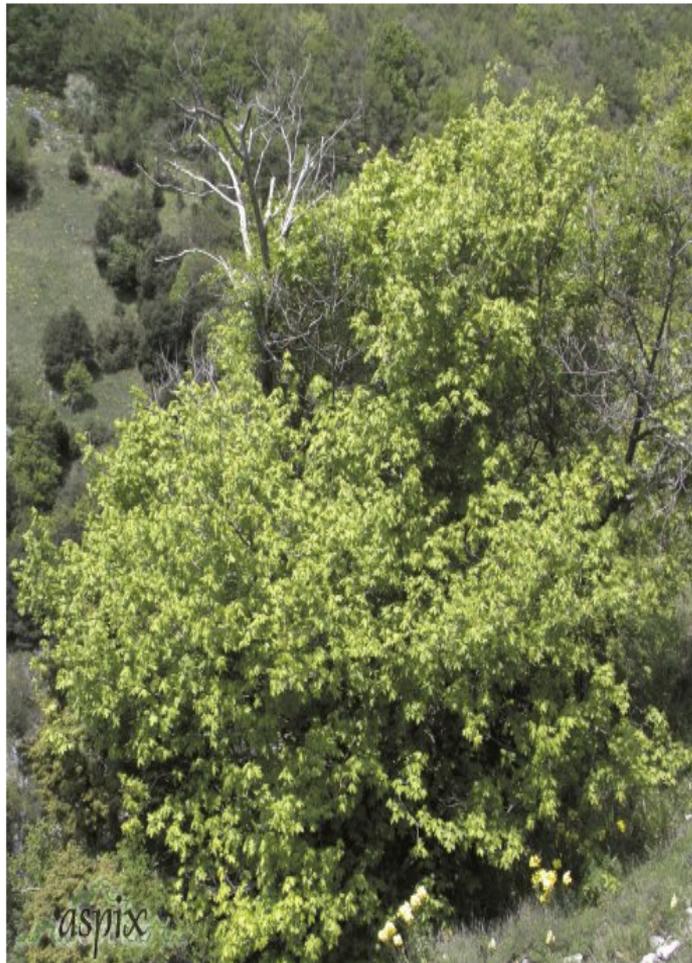
Nomencl. ref.: Sp. Pl.: 1055 (1753)  
Check-list: cormofite  
Family: Sapindaceae  
Corological type: Europeo-Caucasico  
Lifeform: Fanerofite scapose

## Species names

*Acer campestre* L.  
*Acer campestre* L. subsp. *leiocarpum*  
(Opiz) Pax  
*Acer campestre* L. subsp. *marsicum* (Guss.)  
Hayek  
*Acer marsicum* Guss.

## Data present in this archive

Specimens: 78 [details]  
Samples: 198 [details]  
build a map for this species



# An Archive for botanical data

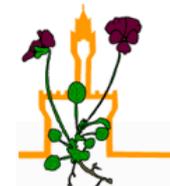
## Gruppi partecipanti

Perugia  
Siena  
Camerino  
Ancona  
Genova  
Firenze  
L'Aquila  
Lecce  
Isernia  
Torre Guaceto  
Roma  
Trieste  
Pavia  
C.F. Marche  
Campobasso

## Taxa in check-list

Families: 313

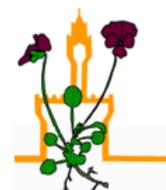
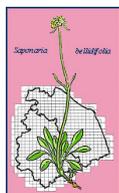
check-list name	total names	valid names	genera
alghe	64	34	9
briofite	4181	1198	471
cormofite	23256	11721	2039
cormofite-aliene	2162	1373	567
funghi	2310	1493	411



# An Archive for botanical data

Gruppi partecipanti  
Perugia  
Siena  
Camerino  
Ancona  
Genova  
Firenze  
L' Aquila  
Lecce  
Isernia  
Torre Guceto

Herbarium Anconitanum - ANC	18271
Herbarium Camerinensis - CAME	25910
Herbarium Camerinensis - CAME - BRIOFITE	2378
Herbarium Centrale Italicum (FI)	8463
Herbarium Facultatis Agrariae - PI-AGR	4549
Herbarium Horti Pisani - PI	1886
Herbarium Universitatis Aeserniae - IS	531
Herbarium Universitatis Civitatis Perusii - PERU	1880
Herbarium Universitatis Civitatis Perusii - PERU - BRIOFITE	504
Herbarium Universitatis Genuensis - GE	9427
Herbarium Universitatis Senensis - SIENA	11124
Herbarium Universitatis Senensis - SIENA - BRIOFITE	120
Herbarium Universitatis Senensis - SIENA - Fungarium	5883
Herb. Cecchi	494
Herb. Selvi	52

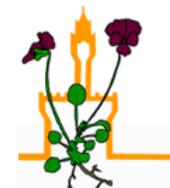


# An Archive for botanical data

Gruppi partecipanti  
Perugia  
Siena  
Camerino  
Ancona  
Genova  
Firenze  
L' Aquila  
Lecce  
Isernia  
Torre Guceto

Herbarium Centrale Italicum (FI)	8463
Herbarium Facultatis Agrariae - PI-AGR	4549
Herbarium Horti Pisani - PI	1886
Herbarium Universitatis Aeserniae - IS	531
Herbarium Universitatis Civitatis Perusii - PERU	1880
Herbarium Universitatis Civitatis Perusii - PERU - BRIOFITE	504
Herbarium Universitatis Genuensis - GE	9427
Herbarium Universitatis Senensis - SIENA	11124
Herbarium Universitatis Senensis - SIENA - BRIOFITE	120
Herbarium Universitatis Senensis - SIENA - Fungarium	5883
Herb. Cecchi	494
Herb. Selvi	52

**Circa 100.000 dati a cui vanno aggiunto altri 25-30.000 in fase di importazione!**



# An Archive for botanical data

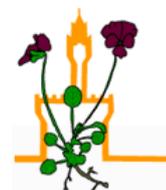
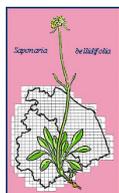
## Gruppi partecipanti

Perugia  
Siena  
Camerino  
Ancona  
Genova  
Firenze  
L' Aquila  
Lecce  
Isernia  
Torre Guaceto



## Relevés in Vegetation Project

BIOMAP	90
Coste:Vegetazione	1181
Maremma	108
MoBiSIC	604
Test Ancona	106
Torre Guaceto	126
Vegetazione acquatica e palustre	1944
Vegetazione del Parco Nazionale del Cilento	69
Vegetazione Puglia	164
Vegetazione UNIPA	336
Vegetazione Venanzoni	7776



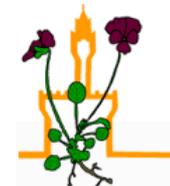
# An Archive for botanical data

## Nuovo modello memorizzazione dei dati: 3 livelli di riservatezza

Dati accessibili al solo proprietario

Dati accessibili a tutto il gruppo del proprietario

Dati accessibili a tutti

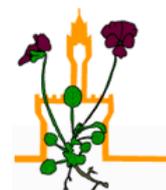


# An Archive for botanical data

## Conclusioni:

Scopo principale della comunicazione non è quello di mostrare le meraviglie informatiche del progetto (che senz'altro è migliorabile da molti punti di vista linguaggio a parte!) ma, al contrario, di invitare alla collaborazione istituzioni e singoli ricercatori per mettere in comune, salvaguardando la propria individualità, RISORSE, un patrimonio comune estremamente importante come quello delle conoscenze botaniche.

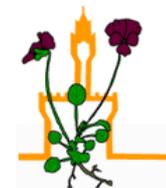
Il sito è consultabile alla pagina (<http://erbariitaliani.unipg.it>).  
Collabora anche tu!





# An Archive for botanical data

**Società Botanica Italiana onlus**  
Sez. Umbro-Marchigiana

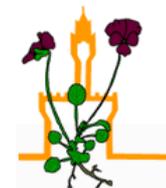


Società Botanica Italiana onlus  
Gruppo di lavoro per la Floristica  
Gruppo di lavoro per la vegetazione



# An Archive for botanical data

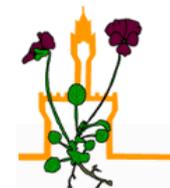
**Società Botanica Italiana onlus**  
Sez. Umbro-Marchigiana



Società Botanica Italiana onlus  
Gruppo di lavoro per la Floristica  
Gruppo di lavoro per la vegetazione

# An Archive for botanical data

**Società Botanica Italiana onlus**  
Sez. Umbro-Marchigiana

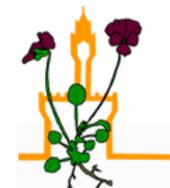


Società Botanica Italiana onlus  
Gruppo di lavoro per la Floristica  
Gruppo di lavoro per la vegetazione



# An Archive for botanical data

**Società Botanica Italiana onlus**  
Sez. Umbro-Marchigiana



Società Botanica Italiana onlus  
Gruppo di lavoro per la Floristica  
Gruppo di lavoro per la vegetazione

Long Database Report

# Toward the Italian national vegetation database: VegItaly

Roberto Venanzoni, Flavia Landucci, Edoardo Panfili & Daniela Gigante

**Abstract:** VegItaly ([www.vegitaly.it](http://www.vegitaly.it); GIVD ID EU-IT-001) is a web database designed to store, retrieve and analyse the vegetation data of Italy. Designed for both floristic and phytosociological data, it can handle any field plot according to the definition of “vegetation database” suggested by the Global Index of Vegetation-Plot Databases (GIVD) and the IAVS Ecoinformatics Working Group. VegItaly, supported by Società Italiana di Scienza della Vegetazione (former Società Italiana di Fitosociologia), is hosted by AnArchive (<http://www.anarchive.it>), a collaborative project aimed at archiving botanical data that involves several Italian universities coordinated by the University of Perugia. VegItaly’s main aim is to contribute to data archiving and sharing in order to offer the possibility to manage large data sets for statistical analysis on a wide geographic scale.

## **VegItaly: the Italian collaborative project for a National Vegetation Database**

F. LANDUCCI<sup>a</sup>, A.T.R. ACOSTA<sup>b</sup>, E. AGRILLO<sup>c</sup>, F. ATTORRE<sup>c</sup>, E. BIONDI<sup>d</sup>, C. BLASI<sup>c</sup>, V.E. CAMBRIA<sup>c</sup>, A. CHIARUCCI<sup>e</sup>, E. DEL VICO<sup>c</sup>, M. DE SANCTIS<sup>c</sup>, L. FACIONI<sup>c</sup>, F. GERI<sup>e</sup>, D. GIGANTE<sup>a</sup>, R. GUARINO<sup>f</sup>, S. LANDI<sup>e</sup>, D. LUCARINI<sup>g</sup>, E. PANFILI<sup>h</sup>, S. PESARESI<sup>d</sup>, I. PRISCO<sup>b</sup>, L. ROSATI<sup>i</sup>, F. SPADA<sup>c</sup> & R. VENANZONI<sup>a</sup>

## **VEGITALY: TECHNICAL FEATURES, CRITICAL POINTS AND SOME SOLUTIONS**

**D. Gigante<sup>a</sup>, A.T.R. Acosta<sup>b</sup>, E. Agrillo<sup>c</sup>, F. Attorre<sup>c</sup>, E. Biondi<sup>d</sup>, V.E. Cambria<sup>c</sup>, A. Chiarucci<sup>e</sup>, E. Del Vico<sup>c</sup>, M. De Sanctis<sup>c</sup>, L. Facioni<sup>c</sup>, F. Geri<sup>e</sup>, R. Guarino<sup>f</sup>, S. Landi<sup>e</sup>, F. Landucci<sup>a</sup>, D. Lucarini<sup>h</sup>, E. Panfili<sup>i</sup>, S. Pesaresi<sup>d</sup>, I. Prisco<sup>b</sup>, L. Rosati<sup>g</sup>, F. Spada<sup>c</sup> & R. Venanzoni<sup>a</sup>**



# An Archive for botanical data

---



# An Archive for botanical data

---