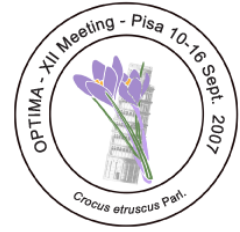




XII OPTIMA Meeting  
10-16 September 2007  
Congress Palace, Pisa (Italy)

[www.biologia.unipi.it/optima2007/](http://www.biologia.unipi.it/optima2007/)



## **XII OPTIMA Meeting, Pisa, Italy, 10-16 September 2007**

**Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area**

<http://www.bgbm.fu-berlin.de/OPTIMA/organization/default.htm>

### **Second circular**

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Accommodation form

Map of Pisa with hotels location

Template for abstracts

Pisa, 15 December 2006

version 1.3

Dear Colleagues,

the Organizing Committee is pleased to send you the Second circular for the XII OPTIMA Meeting, with the preliminary programme of the symposia and excursions, the schedule for meetings of the Commissions, of the International Board and the Executive Council, the instructions for subscription, accommodation form and useful information about Pisa.

## **General structure of the Meeting**

*As* usual, the lectures are organized in 12 Symposia, which will be held in the Pisa Convention Hall (see Venues). Each Symposium, scheduled for a morning (9-13) or an afternoon (15-19) session, is chaired by a Secretary and features an introductory lecture by the secretary, four lectures by invited speakers and a final discussion. Four Symposia are held as plenary, the remaining eight as concurrent sessions. A first block of Symposia (1-6) is scheduled on Monday afternoon, Tuesday and Wednesday morning; Wednesday afternoon is devoted to the poster session, Thursday to the mid-congress excursions. The second block of Symposia (7-12) is scheduled on Friday and Saturday.

*In* order to avoid leaving the main venue at lunch time, lunches will be served in the Pisa Convention Hall at 13.30 on Monday and at 13.00 on Tuesday, Wednesday, Friday and Saturday. A boxed lunch will be provided to participants to the excursions on Thursday.

*Coffee* breaks will be served approximately at mid-morning and mid-afternoon. Dinners are not provided by the organizers, except the farewell dinner (if requested at extra charge in the subscription form) on Friday 14 at the Botanic Garden.

*The* XII OPTIMA Meeting will be preceded by the Commissions meetings (on Sunday 9 at the Botanic Garden, for designated members only) and followed (16-19 September) by an optional excursion to the Tuscan Archipelago (Elba and Pianosa Isles, if requested at extra charge in the subscription form, for a maximum of 50 participants).

## Synopsis

<b>Date</b>	<b>m/a<sup>1</sup></b>	<b>Venue</b>	<b>Events</b>
<b>Sun 9 Sep</b>	m-a	Botanic Garden	Meetings of Commissions (designated members only)
<b>Mon 10 Sep</b>	m	Convention Hall	Meeting of the International Board and Executive Council of OPTIMA (designated members only) Opening ceremony and welcome lunch
	a	Convention Hall	Symposium 1 (plenary session)
<b>Tue 11 Sep</b>	m	Convention Hall	Symposium 2 (plenary session)
	a	Convention Hall	Symposium 3, Symposium 4 (concurrent sessions)
<b>Wed 12 Sep</b>	m	Convention Hall	Symposium 5, Symposium 6 (concurrent sessions)
	a	Convention Hall	Poster session; excursion for accompanying persons
<b>Thu 13 Sep</b>	m-a		Mid-Congress excursion
<b>Fri 14 Sep</b>	m	Convention Hall	Symposium 7 (plenary session)
	a	Convention Hall	Symposium 8, Symposium 9 (concurrent sessions)
	e	Botanic Garden	Farewell dinner (optional)
<b>Sat 15 Sep</b>	m	Convention Hall	Symposium 10, Symposium 11 (concurrent sessions)
	a	Convention Hall	Symposium 12 (plenary session) and closing ceremony
<b>Sun 16 Sep</b>			Departure of participants Start of the 4-day excursion to the Tuscan Archipelago (optional)

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<sup>1</sup> m=morning; a = afternoon; e=evening

## Daily schedule – day 0

<b>Sunday 9 September</b>	<b>Commissions meetings</b>
All meetings will take place at the Botanic Garden of Pisa, via Luca Ghini 5, in Library rooms LR1, LR2 and LR3	

<b>Hours, room</b>	<b>Commission</b>
9:00-11:00, LR1	Conservation and sustainable use of plant resources
9:30-11:30, LR2	Bryophytes
10:00-12:00, LR3	Diffusion of knowledge on Mediterranean plants
11:00-13:00, LR1	Floristic investigation
11:30-13:30, LR2	Lichens
12:00-14:00, LR3	Fungi
15:00-17:00, LR1	Karyosystematics and molecular systematics
15:30-17:30, LR2	Mediterranean herbaria
16:00-18:00, LR3	Herbarium Mediterraneum
17:00-19:00, LR1	Web
17:30-19:30, LR2	Publications
18:00-20:00, LR3	Mapping of orchids in the Mediterranean area

## Daily schedule – day 1

<b>Monday 10 September</b>	Registration of participants, meeting of the International Board and Executive Council of OPTIMA, mounting of posters, opening ceremony, welcome lunch and Symposium 1
All events will take place at the Palazzo dei Congressi (Pisa Convention Hall), via G. Matteotti 1	

Hours, place	Events
8:00-12:00, Registration desk	Registration of participants and mounting of posters
9:00-12:00, meeting rooms	Meeting of the International Board and Executive Council of OPTIMA (designated members only)
12:00-13:30, Auditorium	Opening ceremony
	Welcome by authorities
	Lecture by Lucia Tongiorgi Tomasi, Deputy Rector of Pisa University - Botanical Sciences and Visual Arts: the flowering of a partnership in early modern Tuscany
13:30-15:00, ground-floor gallery	Welcome lunch with traditional Tuscan food and wines
15:00-19:00, Auditorium (plenary session)	Symposium 1. <i>Phytotaxonomic studies in Italy</i> . (Secretary S. Pignatti)
	<ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary</li> <li>• S. Brullo - Criteria and techniques in the taxonomic investigation of the Mediterranean Flora</li> <li>• M. Labra, F. Grassi - Modern methods of molecular investigation applied to the Mediterranean Flora</li> <li>• L. Pignotti - The project of the "Flora critica dell'Italia"</li> <li>• R. Guarino - The impact of Information Technology on the identification of species and archiving of taxonomic and floristic data</li> <li>• F. Selvi, L. Cecchi, A. Coppi - Recent advances in the systematics and phylogeny of some groups of Mediterranean Boraginaceae</li> </ul>

## Daily schedule – day 2

<b>Tuesday 11 September</b>	<b>Symposia 2, 3 and 4</b>
The Symposia will be held at the Palazzo dei Congressi (Pisa Convention Hall), via G. Matteotti 1	

Hours, place	Events
09:00-13:00, Auditorium (plenary session)	<p>Symposium 2. <i>Karyology and palynology of Mediterranean plants: case studies</i>. (Co-secretaries: S. Siljak-Yakovlev and G. Kamari)</p> <ul style="list-style-type: none"> <li>• G. Kamari - PhytoKaryon: a karyological database of European and Mediterranean plants</li> <li>• S. Siljak-Yakovlev, F. Bogunic, S. Brown, O. Catrice, S. Medjedovic, E. Muratovic, M.E. Solic - Vers une banque de donnée sur la quantité d'ADN des plantes méditerranéennes</li> <li>• F. Bogunic - Molecular cytogenetics reveals subspecific differentiation in <i>Pinus nigra</i> despite genome size stability</li> <li>• M. Bou Dagher-Kharrat - Contribution des approches cytogénétique et moléculaire à l'étude systématique du genre <i>Cedrus</i></li> <li>• P. Bareka, S. Siljak-Yakovlev, G. Kamari - Molecular cytogenetics of <i>Bellevalia</i> (Liliaceae) species in Greece</li> <li>• O. Hidalgo - Extreme environmental conditions and phylogenetic inheritance: cytogenetic and palynological approaches on the systematics of <i>Myopordon</i> and <i>Oligochaeta</i> (Asteraceae, Cardueae)</li> <li>• J. Martín, S. Garcia, N. Garcia-Jacas, T. Garnatje, O. Hidalgo, J. Pellicer, A. Susanna, J. Vallès, R. Vilatersana - Palynological studies in Mediterranean plants. An overview and case studies in the Asteraceae</li> </ul>
13:00-15:00, ground-floor gallery	Lunch
15:00-19:00, Auditorium (concurrent session)	<p>Symposium 3. <i>Vegetation and plant landscapes in Italy</i> (Secretary: C. Blasi)</p> <ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary - Landscape heterogeneity and potential vegetation in Italy</li> <li>• E. Biondi - Plant biodiversity in Adriatic sector of the Italian peninsula</li> <li>• L. Poldini, G. Sburlino, G. Buffa, M. Vidali - Grassland ecology and biodiversity in the south-eastern Alps</li> <li>• G. Spampinato - Phytocoenotic diversity in Southern Italy</li> <li>• E. Farris, R. Filigheddu - Biodiversity of shrub communities of Northern Sardinia: ecological and chorological aspects</li> </ul>
15:00-19:00, Pacinotti Hall (concurrent session)	<p>Symposium 4. <i>Plants and Man. Symbiosis and antagonism through the times</i>. (Secretary A. Danin)</p> <ul style="list-style-type: none"> <li>• M. Kislev, O. Simchoni - <i>Juniperus phoenicea</i> in the East Mediterranean in the past and at present</li> <li>• D. Zohary- Humans and domestication of plants</li> <li>• S. Benhouhou – Human utilization of plants in the Algerian Sahara</li> <li>• G. Caneva - The Augustus botanical code</li> <li>• A. Danin - Strings and cords from wild plants since 23,000 years ago</li> </ul>

## Daily schedule – day 3

<b>Wednesday 12 September</b>	Symposia 5 and 6; Poster session
The Symposia and the Poster session will be held at the Palazzo dei Congressi (Pisa Convention Hall), via G. Matteotti 1	

Hours, place	Events
09:00-13:00, Auditorium (concurrent session)	Symposium 5. <i>Herbaria: maintenance, management and digitisation of holdings</i> . (Secretary: E. Vitek)
	<ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary</li> <li>• R. Huxley – How well are we managing our collections? The SYNTHESIS Collections Benchmarking Project</li> <li>• P. Mergen - Biogeography Spatial Data Infrastructure for Natural Science Collections - Use case: providing itinerary services as tool for visualization and data quality check</li> <li>• H. Rainer - Lifting the elephant - databasing the Vienna collections</li> <li>• D. Ryan - API and LAPI: International Collaboration for the Digitization of Type Specimens</li> </ul>
09:00-13:00, Pacinotti Hall (concurrent session)	Symposium 6. <i>Invasions and extinctions in man-made and natural habitats</i> . (Secretary: M. Vilà)
	<ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary - Where invaders are and why?</li> <li>• P. Lambdon - What characterizes an invasive species? Invader plant traits in Mediterranean basin islands</li> <li>• C. Siniscalco, L. Celesti, G. Brundu, I. Camarda, L. Viegi, C. Blasi. Alien plant species in Italy: impact on biodiversity in different climatic regions</li> <li>• S. Lavergne - Origin and fate of the rare Mediterranean flora</li> <li>• F. Médail, A. Baumel, K. Diadema, B. Fady, R. Verlaque - Importance of refugia in shaping Mediterranean plant biodiversity</li> </ul>
13:00-15:00, ground-floor gallery	Lunch
14:30 – 20:00	Excursion to the Bibbiani Estate (approximately 60 km from Pisa) with guided visit of the Villa and of the historic park and gardens (only for accompanying persons properly subscribed, up to a maximum of 50). Organizer: G. Moggi (guido.moggi@unifi.it)
15:00-19:00, Convention Hall galleries	Poster session. Co-ordinator: G. Venturella (gvent@unipa.it)

## Daily schedule – day 4

<b>Thursday 13 September</b>	Excursions
<p>All excursions will start at 8:30 in front of the Pisa Convention Hall. Return to Pisa is scheduled at 17.30-19.00 depending on the excursion chosen. A boxed lunch will be provided to participants.</p>	
<p><b>Excursion 1 – Apuan Alps</b>  Departure 8.30  Return to Pisa 19.00  Approx. walking time 4 hrs  Lowest altitude 1300 m  Highest altitude 1749 m  Organizer: F. Garbari  (fgarbari@biologia.unipi.it)</p>	<p>Famous for the marble quarries, the Apuan Alps are a mountain massif separated from the Tuscan Apennines. The highest peaks reach almost 2000 m. Flora, with many endemics, and vegetation are of high interest, particularly on the calcareous cliffs and plateaux. The excursion will reach the summit of Mount Sagro (1749 m), but alternative paths at lower altitudes will be available to participants.</p>
<p><b>Excursion 2 – Monterufoli-Caselli Nature Reserve</b>  Departure 8.30  Return to Pisa 19.00  Approx. walking time 3 hrs  Lowest altitude 350 m  Highest altitude 450 m  Organizer: F. Selvi (selvi@unifi.it)</p>	<p>The largest natural reserve of Tuscany, with one of the most important ophiolitic outcrops of the region, Monterufoli-Caselli area hosts more than 770 vascular plants, many of them of high phytogeographical and conservation significance. Some taxa are very rare at national or regional level. The reserve harbours a remarkable richness of woody species, many hydrophilous plants and some relics or endemics both in Mediterranean garigue and in boreal communities.</p>
<p><b>Excursion 3 – Leghorn Hills</b>  Departure 8.30  Return to Pisa 17.30  Approx. walking time &lt;1 hr  Organizer: P.V. Arrigoni  (parlatorea@unifi.it)</p>	<p>Breathtaking views of the Mediterranean Tuscany coast and macchia communities interspersed with ophiolitic garigues are the prominent features of this excursion; participants will have the opportunity to travel by bus and make short, easy walks at designated stops in vantage points.</p>

## Daily schedule – day 5

<b>Friday 14 September</b>	Symposia 7, 8 and 9; farewell dinner
The Symposia will be held at the Palazzo dei Congressi (Pisa Convention Hall), via G. Matteotti 1; the farewell dinner will be served at the Botanic garden, via L. Ghini 5	

Hours, place	Events
09:00-13:00, Auditorium (plenary session)	Symposium 7. <i>Tempo and mode of speciation in Mediterranean plants</i> . (Secrétaire: T. Stuessy)
	<ul style="list-style-type: none"> <li>• Conférence introductive par le Secrétaire</li> <li>• M. Coleman, H. P. Comes and R. J. Abbott - Recurrent origin of marginal ecological races and (sub)species in Mediterranean <i>Senecio</i> (Asteraceae).</li> <li>• S. Cozzolino - Pollination strategies and speciation modes in Mediterranean orchids</li> <li>• G. Nieto - Phylogeography of <i>Armeria pungens</i> in relation to niche characterization</li> <li>• E. Conti - Dating the origin of plants endemic to the Corso-Sardinian microplate: a window on the biogeography of the Western Mediterranean Basin</li> </ul>
13:00-15:00, ground-floor gallery	Lunch
15:00-19:00, Auditorium (concurrent session)	Symposium 8. <i>The study and inventory of Mediterranean Compositae</i> . (Secretary: N. Kilian)
	<ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary - Research in Mediterranean Compositae: recent progress and perspectives</li> <li>• T. Garnatje, M. Á. Canela, S. Garcia, O. Hidalgo, J. Martín, J. Pellicer, O. Robin, S. Siljak-Yakovlev, J. Vallès - A multidisciplinary approach to the systematics of Cheirolophus and Echinops (Cardueae, Asteraceae)</li> <li>• M. Galbany-Casals, N. Garcia-Jacas, A. Susanna, L. Sáez, C. Benedí - Systematics and evolution of the Mediterranean and Asiatic Helichrysum (Compositae, Gnaphalieae)</li> <li>• P. B. Pelter - Mediterranean diversifications in tribe Senecioneae (Asteraceae)</li> <li>• R. M. Lo Presti &amp; C. Oberprieler - The temporal, spatial, and ecological differentiation of circum-Mediterranean Compositae-Anthemideae</li> </ul>

15:00-19:00, Pacinotti Hall (concurrent session)	<p>Symposium 9. <i>Bryofloristics and bryotaxonomy</i>. (Secretary: R.M. Ros)</p> <ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary - Advances in the Mediterranean bryology according to molecular data: present and future</li> <li>• M. Sabovljevic - Peculiarities of the Balkan bryophyte flora</li> <li>• J.M. González-Mancebo - Evaluation of the Mediterranean component in the bryophyte flora of the Canary Islands</li> <li>• H. Kürschner - Bryoflora and bryovegetation of South Arabia and Socotra Island</li> <li>• A. Erdag - A case report on bryofloristical researches in Turkey</li> </ul>
20.00, Botanic Garden	Farewell dinner

## Daily schedule – day 6

<b>Saturday 15 September</b>	Symposia 10, 11 and 12; closing ceremony
The Symposia and the closing ceremony will be held at the Palazzo dei Congressi (Pisa Convention Hall), via G. Matteotti 1	

Hours, place	Events
09:00-13:00, Auditorium (concurrent session)	Symposium 10. <i>Plant-plant and plant-animal interactions</i> . (Secretary: J.M. Iriondo) <ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary - Plant-plant and plant-animal interactions in the Mediterranean</li> <li>• R. Michalet - Biotic interactions in water-stressed environments</li> <li>• K. Tielboerger - Pride or prejudice - how neighbours shape life history evolution in annual plants</li> <li>• J. Rodríguez, A. Traveset - What happens to a plant when it loses its main seed disperser? The case of <i>Daphne rodriguezii</i> in the Balearic Islands</li> <li>• L. Giménez-Benavides, S. Dötterl, A. Jürgens, A. Escudero, J. M. Iriondo - Conflicting effects of pollination and seed predation by moths on Caryophyllaceae. Insights from a high mountain <i>Silene</i> species</li> </ul>
09:00-13:00, Pacinotti Hall (concurrent session)	Symposium 11. <i>Seaweeds and freshwater algae in and around the Mediterranean</i> . (Secretary: G. Furnari) <ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary and M. Cormaci - Floristic changes in the Mediterranean macroalgal flora</li> <li>• R. Siguán, M. Antonia, N. Salvador - The <i>Bonnemaisonia</i> genus in the Mediterranean Sea: a multidisciplinary approach</li> <li>• M. Moustaka-gouni - Cyanobacterial Blooms in Mediterranean Freshwaters</li> <li>• A. Dell'Uomo - Les algues d'eau douce et leur rôle dans la sauvegarde du bassin méditerranéen</li> <li>• G.M. Gargiulo &amp; M. Morabito - Reproduction and phylogeny in the systematics of the genus <i>Grateloupia</i> C. Agardh (Rhodophyta)</li> </ul>
13:00-15:00, ground-floor gallery	Lunch
15:00-19:00, Auditorium (plenary session)	Symposium 12. <i>Maintaining economically important wild plants and relict crops in the Mediterranean</i> . (Secretary: V. Heywood) <ul style="list-style-type: none"> <li>• Introductory lecture by the Secretary - Perspectives for economically important wild species and neglected crops in the Mediterranean</li> <li>• E. Hernández-Bermejo - Neglected crops from Al-Andalus agriculture</li> <li>• I. Hoeschle-Zeledon, S. Padulosi - Emmer wheat in Italy and Turkey; <i>Rhus coriaria</i>, a relict crop in Syria</li> <li>• K.Hüsnü Can Baser - Underutilized species in the Turkish flora</li> <li>• U.Plitmann - Domestication of native Mediterranean spices, with an emphasis on Apiaceous condiments</li> </ul>
19.15-20.30	Closing ceremony

## General information

### Organizing Committee

Fabio Garbari (President; email [fgarbari@biologia.unipi.it](mailto:fgarbari@biologia.unipi.it))

Gianni Bedini (Secretary; email [gbedini@biologia.unipi.it](mailto:gbedini@biologia.unipi.it))

Guido Moggi (Vice-president; email [guido.moggi@unifi.it](mailto:guido.moggi@unifi.it))

Alessandro Chiarucci (Member; email [chiarucci@unisi.it](mailto:chiarucci@unisi.it))

Federico Selvi (Member; email [selvi@unifi.it](mailto:selvi@unifi.it)).

The special email address [optima2007@biologia.unipi.it](mailto:optima2007@biologia.unipi.it) has been set up for further information.

Logistic and administrative tasks will be cared by the University of Pisa (email [optima2007logistics@adm.unipi.it](mailto:optima2007logistics@adm.unipi.it)).

### Location

Pisa is located in north-central Italy, close to the Tyrrhenian coast and to the famous city of Florence. It is well served by an international airport, a railway station, bus lines, highways, and the sea port of Leghorn (Livorno; about 20 km S from Pisa). It is a well known city of art and culture, with famous monuments of the medieval period and an University dating from 1343, which established the first academic botanic garden in the world, in 1543-44, thanks to the grand duke Cosimo I de' Medici and Luca Ghini.

The climate is usually mild to warm in the first half of September.

For further information, please see [www.pisaonline.it](http://www.pisaonline.it), with multilingual access, or [http://www.pisaturismo.it/prima\\_en.asp](http://www.pisaturismo.it/prima_en.asp).

### Meeting venues

The main venue of the Meeting is the Pisa Convention Hall ([www.palacongressipisa.it](http://www.palacongressipisa.it)), via G. Matteotti 1 (see enclosed map). It offers comfortable halls equipped with audiovisual facilities (overhead projectors, slide projectors, video projectors and computers) and a large area for the poster session.

The secondary venue is the Botanic Garden ([www.biologia.unipi.it/ortobotanico](http://www.biologia.unipi.it/ortobotanico)), via L. Ghini 5 (see enclosed map), a tranquil spot for the Commissions meetings and a luxuriant setting for the farewell dinner. As Pisa is a small city (approximately of a hundred thousand inhabitants), the Meeting venues are within walking distance from any attraction and accommodation in its historical centre.

### Communication channels

The Organizing Committee will communicate with correspondents via email, regular mail and fax, according to the preferences stated in the pre-subscription form; messages of general interest will also be posted in the "news" section on the web site. All correspondents are encouraged to subscribe through their personal page on the web site: username and password may be requested from the *login* page of the web site. Correspondents with limited or no access to Internet connections may choose to send their filled subscription form via e-mail, regular mail or fax. Here follow the relevant co-ordinates:

- **web site:** [www.biologia.unipi.it/optima2007](http://www.biologia.unipi.it/optima2007) (from 1-1-2007)
- **e-mail address:** [optima2007@biologia.unipi.it](mailto:optima2007@biologia.unipi.it)
- **postal address:** Optima 2007 Organizing Committee, Botanic Garden, via L. Ghini 5, I-56126 Pisa, Italy
- **fax number:** +39 050 2211 309

### Poster / lecture presentation

Please note that while posters can be presented by every participant (only one poster as first author), lectures are presented only by speakers invited by the Symposia secretaries. If in doubt, consult with the Organizing Committee at the addresses provided above.

Secretaries of Symposia, invited speakers and participants wishing to present a poster must provide title of the lecture/poster, author(s), address(es) including email, abstract and references using the enclosed template in *doc* format (it can be written with MS Word or with the free software Open Office) **within 15 March 2007**; files may be uploaded from the personal page on the web site, copied onto a CD and mailed to the Organizing Committee, or emailed to [optima2007@biologia.unipi.it](mailto:optima2007@biologia.unipi.it). Abstracts sent only as printed copies

will not be accepted.

### Proceedings

The Proceedings will be published in Bocconea, according to the journal's editorial guidelines. The manuscripts corresponding to lectures and posters must be sent to the President of the Organizing Committee by 15 November 2007.

### Payments and Fees

Payments can be made within 15-8-2007 only by bank giro to the following bank account:

UNIVERSITA' DI PISA

CASSA DI RISPARMIO LUCCA-PISA-LIVORNO

SEDE CENTRALE PISA

C/C 2437408 ABI 6200 CAB 14011 B

IBANN IT 03 T 06200 14011 000002437408,

specifying "subscription to Optima 2007 meeting". Please note that bank expenses should be covered by subscribers, not charged to the recipient.

Payments can also be accepted on site directly at the registration desk during the Meeting (at extra charge). Major credit cards or cash (Euros only) will be accepted only for on site payments. Traveller's cheques, bank cheques, cash other than Euros or other forms of payment will not be accepted.

In order to encourage early subscriptions, discounted fees are offered for all participants submitting the subscription form along with proof of payment by 31-1-2007; regular fees will apply until 15-3-2007, while late fees will apply until 15-8-2007 (see table below). Please note that after 15-8-2007 payment of the subscription fee will be possible only on site, either as cash or credit card.

Payment date	Non members fee	OPTIMA members fee	students/accompanying persons fee
before 31-1-2007	360,00 €	310,00 €	200,00 €
before 15-3-2007	460,00 €	360,00 €	250,00 €
before 15-8-2007	600,00 €	500,00 €	350,00 €
On site	650,00€	550,00€	400,00€
Farewell dinner	40,00 €	40,00 €	40,00 €
Post-congress excursion	350,00€	350,00€	350,00€

Fees include: welcome lunch (Monday 10 September); lunches (including drinks) from Tuesday 11 to Saturday 15 September; all coffee breaks; mid-congress excursion; proceedings of the Meeting, including mailing to participants' addresses; social events; conference materials (regular pack for members/non members, basic pack for students/accompanying persons); guided visit to the Bibbiani estate on Wednesday 12 September (for accompanying persons only, from 30 up to 50 participants).

Fees do not include: dinners (farewell dinner may be requested in the subscription form), accommodation, post-congress excursion (unless requested in the subscription form) and any other item not specifically mentioned above.

### Cancellation and refunds

Cancellation date	Refund (% of paid subscription fee)
before 31-1-2007	100% (less bank expenses)
before 15-3-2007	75% (less bank expenses)
before 15-8-2007	65% (less bank expenses)

Cancellation of a subscription is allowed until 15-8-2007. An explicit statement of cancellation is requested in written form, properly dated and undersigned by the subscriber, sent by regular mail.

The subscription fee paid will be refunded only via bank giro (bank expenses charged to subscriber) as specified in the above table, depending on the cancellation date.

No cancellation will be allowed after 15-8-2007. The above deadlines and refund percentages apply only to subscription fee, not to payments made to secure the hotel reservation (please see below).

### Accommodation

The Touristic Consortium of Pisa (*Consortio Turistico Area Pisana*, web <http://www.pisae.it/>) has agreed to provide a hotel reservation service free of charge to Meeting participants. Please see enclosed reservation form for hotels, terms, deadlines, cancellation policy, addresses and other information.

### Visas

Please check at the web page of the Ministry of Foreign Affairs ([http://www.esteri.it/visti/home\\_eng.asp](http://www.esteri.it/visti/home_eng.asp)) if you need a visa in order to visit Italy.

### Meeting deadlines

<b>31-01-2007</b>	payment of early (reduced) subscription fees; submission of early subscription form and proof of payment;
<b>15-03-2007</b>	payment of regular subscription fees; submission of subscription form, proof of payment and abstracts of lectures/posters;
<b>23-05-2007</b>	hotel reservation form (to be sent to the Touristic Consortium " <i>Consortio Turistico Area Pisana</i> ", see enclosed accommodation form);
<b>15-06-2007</b>	payment of late (increased) subscription fees;
<b>15-11-2007</b>	submission of full texts corresponding to lectures and posters for proceedings.

### Visit to Tuscan Herbaria

Researchers wishing to visit the Herbarium in Florence, Pisa or Siena are kindly requested to contact the curators in order to make proper arrangements as to the specimens to be checked and the date of the visit.

- Florence: contact Chiara Nepi, Herbarium Centrale Italicum, via La Pira, 4 - 50121 Firenze, e-mail [chiara.nepi@unifi.it](mailto:chiara.nepi@unifi.it).
- Pisa: contact Lucia Amadei, Herbarium Horti Pisani, via L. Ghini, 5 – 56126 Pisa, email [lamadei@biologia.unipi.it](mailto:lamadei@biologia.unipi.it).
- Siena: contact Ilaria Bonini, Herbarium Universitatis Senensis, via P.A. Mattioli, 4 - 53100 Siena, e-mail [bonini@unisi.it](mailto:bonini@unisi.it)

### Web site (from 1-1-2007)

The web site address is <http://www.biologia.unipi.it/optima2007/>. It is structured in two sections: public pages and private pages. Public pages display general information about the Meeting and are freely accessible. Private pages hold data relevant to registered users and are protected by passwords. Private pages allow to subscribe on-line to the XII OPTIMA Meeting, to submit abstracts of posters / lectures through a file upload service, and to check the subscription procedure against the deadlines.

## Excursions

### Excursion to the Bibbiani Estate

This excursion is reserved to accompanying persons, properly subscribed to the Meeting through a participant. The excursion leaves from the Pisa Convention Hall.

#### Excursion to the Bibbiani Estate

Departure 14.30

Return to Pisa 20.00

Approx. walking time 1 hr

Organizer: G. Moggi

(guido.moggi@unifi.it)

The Bibbiani Estate, privately owned, features a Tuscan villa with a baroque garden and a magnificent romantic park. The visit will include a guided tour of the villa, of the garden and of the park. At the end, visitors will enjoy refreshments and snacks kindly offered by the owners.

### Mid-congress excursions

Three mid-congress excursions are scheduled on Thursday 13 September 2007; they are open to all participants (up to 300 persons), who should indicate their preference in the subscription form. All excursions leave at 8.30 from the Pisa Convention Hall. Walking shoes and light rainwear are recommended.

#### Excursion 1 – Apuan Alps

Departure 8.30

Return to Pisa 19.00

Approx. walking time 4 hrs

Lowest altitude 1300 m

Highest altitude 1749 m

Organizer: F. Garbari

(fgarbari@biologia.unipi.it)

The Apuan Alps are a mountain massif separated from the Tuscan Apennines. The highest peaks reach almost 2000 m. Flora, with many endemics, and vegetation are of high interest, particularly on the calcareous cliffs and plateaux. The excursion will reach the summit of Mount Sagro (1749 m), but alternative paths at lower altitudes will be available to participants.

#### Excursion 2 – Monterufoli-Caselli Nature Reserve

Departure 8.30

Return to Pisa 19.00

Approx. walking time 3 hrs

Lowest altitude 350 m

Highest altitude 450 m

Organizer: F. Selvi (selvi@unifi.it)

The largest natural reserve of Tuscany, with one of the most important ophiolitic outcrop of the region, Monterufoli-Caselli area hosts more than 770 vascular plants, many of them of high phytogeographical and conservation significance. Some taxa are very rare at national or regional level. The reserve harbours a remarkable richness of woody species, many hydrophilous plants and some relics or endemics both in Mediterranean garigue and in boreal communities.

#### Excursion 3 – Leghorn Hills

Departure 8.30

Return to Pisa 17.30

Approx. walking time <1 hr

Organizer: P.V. Arrigoni

(parlatorea@unifi.it)

Breathtaking views of the Mediterranean Tuscany coast and macchia communities interspersed with ophiolitic garigues are the prominent features of this excursion; participants will have the opportunity to travel by bus and make short, easy walks at designated stops in vantage points.

## Post-congress excursion

The post-congress excursion to the Tuscan Archipelago (Elba and Pianosa Isles) is scheduled from 16 to 19 September 2007. It is offered at extra charge for a minimum of 30 requests and a maximum of 50. Participants in excess of 50 (on a first-come, first-served basis) will not be admitted and will be reimbursed. In case of insufficient number or request, the excursion will be cancelled and all participants will be reimbursed. Organizer: B. Foggi (bruno.foggi@unifi.it)

## Provisional programme

The Tuscan Archipelago, with its seven main isles, is one of the most interesting areas of the Northern Tyrrhenian sea. Participants will have the opportunity to see Elba and Pianosa Isles. Elba features interesting garigues on ultramafic substrata and the oro-Mediterranean spiny brooms communities with *Genista desoleana* on the granite of Monte Capanne. Pianosa is a sandy-calcareous isle with low maquis with *Rosmarinus officinalis* and rocky-coast woodlands with *Juniperus turbinata*.

### Sunday 16 September

8:30 - Departure from Pisa Convention Hall

10:30 – Boarding ferry boat at Piombino to Elba Isle

12:00 - Arrival to Portoferraio (Elba Isle)

13:00 – Lunch at Agriturismo “Sapere”, near PortoAzzurro

afternoon – Departure to Monserrato; visit to flora and cliff vegetation on diabasic outcrops

Dinner and night at Hotel Baia Imperiale in the village of Cavoli

### Monday 17 September

8:30 - Departure from hotel

9:00 - Boarding ship to Pianosa Isle

11:00 - Arrival to Pianosa and visit of the isle; boxed lunch will be provided to participants

16:00 – Visit to old cellars and catacombs

17:00 – Boarding ship to Elba

19:00 – Arrival to Elba and transfer to Hotel Baia Imperiale in the village of Cavoli

### Tuesday 18 September

8:30 - Departure from hotel

10:00 – Cableway to summit of Mount Capanne (1018 m a.s.l.) and excursion from Capanne to Mount Perone (630 m a.s.l.); boxed lunch will be provided to participants

afternoon – Departure from Mount Perone and visit of Valle della Nivera, Sant’ Andrea and Chiessi villages

Gala dinner and night at Hotel Baia Imperiale in the village of Cavoli

### Wednesday 19 September

9:00 – Departure to Capoliveri and visit to mining area; transfer to Rio nell’Elba and visit to the “Giardino dei Semplici” of Santa Caterina

Lunch

15:00 – Departure from Elba Isle with ferry boat to Piombino

16:00 – Arrival to Piombino and transfer to Pisa

18:00 – Arrival to Pisa with stops at the airport and at the railway station

## XII OPTIMA Meeting, Pisa 10-16 September 2006

### Subscription form

For early subscription at reduced rate return by 30-1-2007 along with proof of payment (see below for submission methods)

For subscription at regular rate return by 15-3-2007 along with proof of payment

Later subscriptions at extra charge

Title (Prof. / Dr. / Mr. / Mrs., etc.)			
Surname			
Name			
Institution			
Postal address			
Telephone			
Email			
Fax			
Participant category (please check the box matching your category and provide the Symposium number if appropriate)		OPTIMA member	Enter Symposium number below (Secretaries/speakers)
		Student	
		Symposium secretary	
		Invited speaker	
Date of arrival			
Date of departure			
Special food requirements			
Mid-congress excursion (Thursday 13 September); please rank each excursion to your preference (1=best preferred; 3=least preferred). The Organizing Committee will try to ensure that participants will be included in the excursion with the highest priority.		Excursion 1. Apuan Alps (see above for details)	
		Excursion 2. Monterufoli-Caselli Nature Reserve (see above for details)	
		Excursion 3. Leghorn Hills (see above for details)	
<b>POSTER PRESENTATION:</b> please check the right box only if you are the first author; only one poster is admitted as first author. Title, author(s), address(es) including email, text, references must be submitted using the enclosed template by <b>15-3-2007</b> .			
<b>LECTURE PRESENTATION:</b> please check the right box (only invited speakers or symposium secretaries). Title, author(s), address(es) including email, abstract, references must be submitted using the enclosed template by <b>15-3-2007</b>			

## ACCOMPANYING PERSONS (1-2)

Title (Prof. / Dr. / Mr. / Mrs., etc.)		
Surname, Name		
Date of arrival		
Date of departure		
Special food requirements		
Mid-congress excursion (Thursday 13 September): please rank each excursion to your preference (1=best preferred; 3=least preferred). The Organizing Committee will try to ensure that participants will be included in the excursion with the highest priority.		Excursion 1. Apuan Alps (see above for details)
		Excursion 2. Monterufoli-Caselli Nature Reserve (see above for details)
		Excursion 3. Leghorn Hills (see above for details)

Title (Prof. / Dr. / Mr. / Mrs., etc.)		
Surname, Name		
Date of arrival		
Date of departure		
Special food requirements		
Mid-congress excursion (Thursday 13 September) please rank each excursion to your preference (1=best preferred; 3=least preferred). The Organizing Committee will try to ensure that participants will be included in the excursion with the highest priority.		Excursion 1. Apuan Alps (see above for details)
		Excursion 2. Monterufoli-Caselli Nature Reserve (see above for details)
		Excursion 3. Leghorn Hills (see above for details)

## Fee calculation

Please fill as appropriate (see also page 12 for details about the amount of fees)

	N.	Unit price	Total
Participant	1		
Accompanying persons			
Social dinner			
Post-congress excursion to Tuscan Archipelago			
<b>Total</b>			

Date	
Signature	

All correspondents are encouraged to subscribe through their personal page on the web site: username and password may be requested from the *login* page of the web site. Correspondents with limited or no access to Internet connections may choose to send their filled subscription form via e-mail, regular mail or fax. Here follow the relevant co-ordinates:

- **web site:** [www.biologia.unipi.it/optima2007](http://www.biologia.unipi.it/optima2007) (from 1-1-2007)
- **e-mail address:** [optima2007@biologia.unipi.it](mailto:optima2007@biologia.unipi.it)
- **postal address:** Optima 2007 Organizing Committee, Botanic Garden, via L. Ghini 5, I-56126 Pisa, Italy
- **fax number:** +39 050 2211 309

**Send by 30-1-2007 along with copy of the proof of payment for early subscription at reduced rate**

**Send by 15-3-2007 along with copy of the proof of payment for subscription at regular rate**

**Later subscriptions at extra charge**

**XII OPTIMA Meeting, Pisa, Italy, 10-16 September 2007**  
**Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area**

**Second circular**

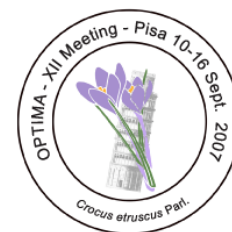
**Enclosures:**

Accommodation form  
Map of Pisa  
Template for abstracts



## XII OPTIMA MEETING

Pisa, 10th-16th September 2007



### Accommodation form | Formulaire de réservation

Fill in and send it via fax or e-mail, within **23<sup>rd</sup> May 2007** to  
Remplir et envoyer avant le **23 Mai 2007** par fax ou e-mail à

Consorzio Turistico Area Pisana  
fax +39 050 830243 | tel. +39 050 830253 | e-mail: [info@pisae.it](mailto:info@pisae.it)

Mr | M  Mrs/Ms | Mme/Mlle

Name and surname | *Prénom et nom de famille* \_\_\_\_\_

Address | *Adresse* \_\_\_\_\_

Postal Code | *Code Postal* \_\_\_\_\_ City | *Ville* \_\_\_\_\_

Country | *Pays* \_\_\_\_\_ Mobile | *Téléphone portable* \_\_\_\_\_

Phone | *Téléphone* \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

### hotel accommodation | *organisation hôtelière*

Rates indicated below are per room/per night - Bed&Breakfast treatment.

*Tarifs par chambre/par nuit - Bed & Breakfast*

Rooms will be assigned following the order of arrival of the booking form, depending on the availability and according to the preferences expressed.

*Les chambres seront assignées strictement selon l'ordre de réception des réservations et suivant les renseignements figurant dans la demande.*

The acronym DUS stands for double room used as single.

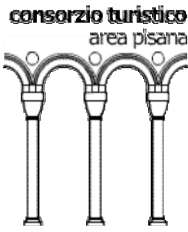
*L'acronyme DUS signifie «chambre double» utilisé comme chambre individuelle.*

Hotel are ubicated in the historic centre of the city.

*Les hôtels sont situés dans le centre ville.*

room <i>chambre</i>	**	***	****
single <i>individuelle</i>	[ ] € 63,00	[ ] from € 70,00 to € 120,00 <i>de à</i>	[ ] from € 100,00 to € 144,00
DUS	[ ] € 60,00* - € 73,00 <i>de à</i>	[ ] from € 90,00 to € 150,00 <i>de à</i>	[ ] from € 129,00 to € 160,00 <i>de à</i>
double <i>double</i>	[ ] from € 73, 00 to € 87,00 <i>de à</i>	[ ] from € 108,00 to € 175,00 <i>de à</i>	[ ] from € 139,00 to € 185,00 <i>de à</i>

\*rate not including breakfast | *sans petit-déjeuner*



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**Consorzio Turistico Area Pisana**  
fax +39 050 830243 | tel. +39 050 830253 | e-mail: [info@pisae.it](mailto:info@pisae.it)

Arrival date | *Arrivée* \_\_\_\_/\_\_\_\_/2007      Departure date | *Départ* \_\_\_\_/\_\_\_\_/2007

Total number of nights | *Montant total* \_\_\_\_\_

I hereby indicate my credit card number being used as a guarantee for my reservation. I will pay on site at the hotel reception the total amount of my accommodation expenses.

#### Hotel cancellation policy

No charge and return of the whole deposit payed down for cancellation and reservation changes done until 30 days before the scheduled arrival date.

Should the consumer cancel his hotel booking he will be charged with the following fees, which will be applied on the total amount of the stay.

cancellations from 29 to 15 days before arrival date: 15% of the total amount

cancellations from 14 to 9 days before arrival date: 30% of the total amount

cancellations from 8 to 4 days before arrival date: 50% of the total amount

cancellations after the above term: 100% of the total amount

*Vous trouverez ci-dessous mon numéro de carte de crédit en garantie de la réservation. Je paierai directement à l'hôtel le montant total des frais de séjour.*

#### Modalité d'annulation et remboursement

*Aucunes frais et remboursement des arrhes déposés en cas d'annulation jusque 30 jours avant la date d'arrivée à l'hotel.*

*Le client qui annule la réservation pendant le 30 jours qui précèdent la date d'arrivée sera tenu à verser à l'hotel les correspondants suivants calculés sur le montant total de séjour.*

*de 29 à 15 jours avant l'arrivée : 15% du montant total*

*de 14 à 9 jours avant l'arrivée : 30% du montant total*

*de 8 à 4 jours avant l'arrivée : 50% du montant total*

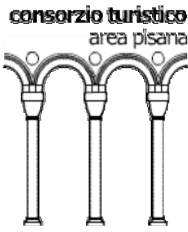
*de 3 à 0 jours avant l'arrivée : 100% du montant total*

Type \_\_\_\_\_ expiry date | *date de validité* \_\_\_\_ / \_\_\_\_

Number | *Numéro* \_\_\_\_\_

Card holder | *Titulaire* \_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_



## XII OPTIMA MEETING

Pisa, 10th-16th September 2007



### Accommodation form | Formulaire de réservation

Fill in and send it via fax or e-mail, within **23<sup>rd</sup> May 2007** to  
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**Consorzio Turistico Area Pisana**  
fax +39 050 830243 | tel. +39 050 830253 | e-mail: [info@pisae.it](mailto:info@pisae.it)

If no credit card details are submitted, the booking must be guaranteed by the advance payment of the price for one night's lodging direct to the hotel by giro or bank transfer. The relevant data will be provided together with the confirmation of the booking.

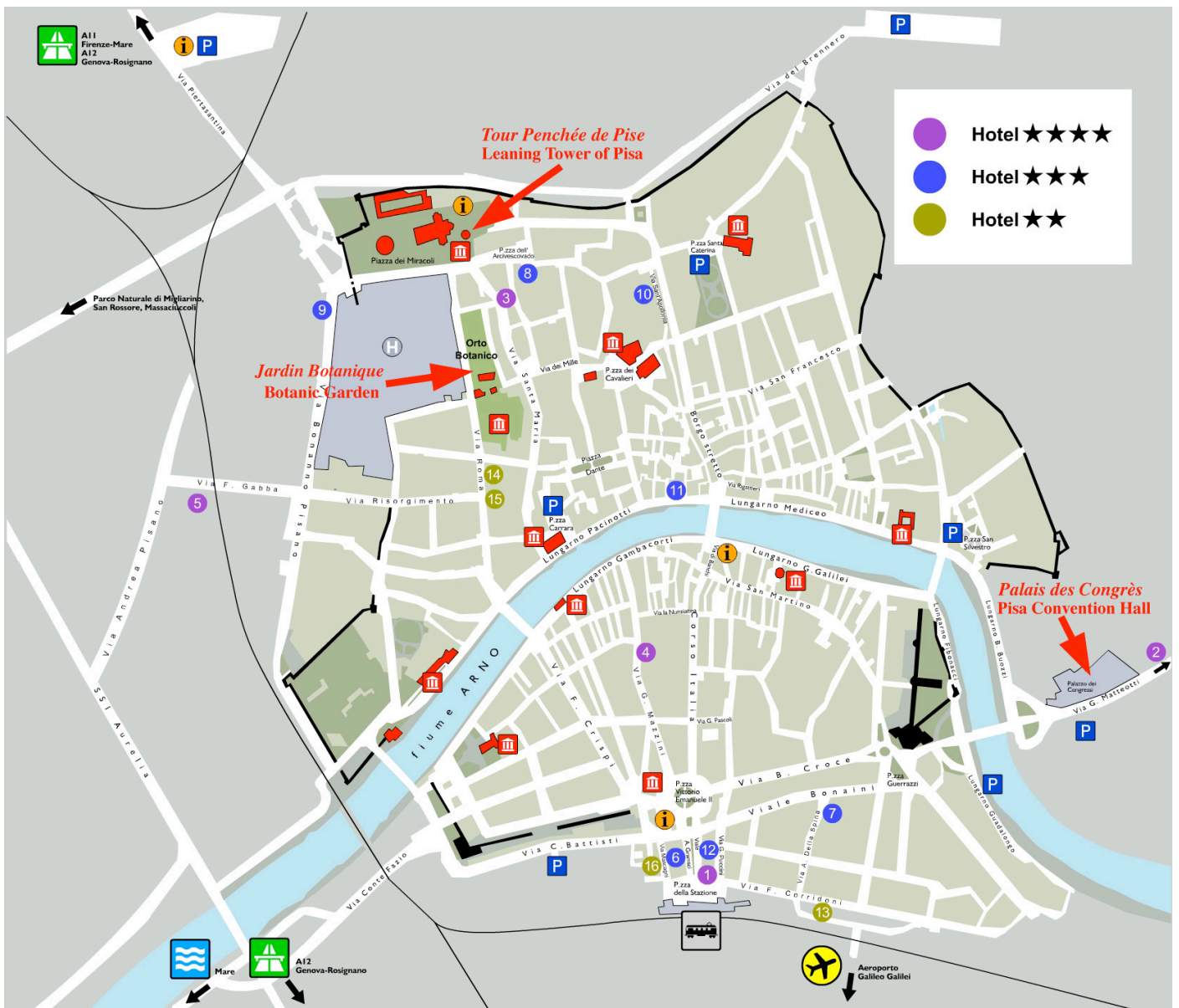
*À défaut de carte de crédit, le paiement anticipé de la première nuit d'hôtel sera effectué par mandat postal ou par virement bancaire directement à l'hôtel. Les coordonnées pour effectuer le règlement vous seront fournies lors de la confirmation de la réservation.*

No accommodation will be provided without the necessary confirmation by credit card, giro or bank transfer. *Aucune réservation ne sera prise en compte sans le versement d'arrhes ou la garantie de carte de crédit.*

Our booking centre remains at your disposal for information concerning hotels, as well as youth hostels and student accommodation.

*Notre bureau est à votre disposition pour avoir toutes les informations nécessaires concernant les modalités de réservation, les hôtels et le logement pour les étudiants.*

**Office opening hours | Horaire de ouverture**  
from Monday to Friday, from 9.00 am to 5.00 pm. *Du Lundi au Vendredi, de 9.00H à 17.00H.*



Map of Pisa

**TITLE**

Authors: initial followed by a dot, space, surname. In case of two or more authors not sharing the same address, add asterisks matching the addresses below (Example: F. Garbari\*, C. Blasi\*\*).

*Addresses: full postal addresses and email (Example: \* Department of Biology, Pisa University, via L. Ghini 5, I-56126 Pisa, Italy; email [fgarbari@biologia.unipi.it](mailto:fgarbari@biologia.unipi.it); \*\* Department of Plant Biology, Rome University, Piazzale Aldo Moro 5, I-00185 Roma, Italy; email [carlo.blasi@uniroma1.it](mailto:carlo.blasi@uniroma1.it))*

Text:do not exceed one page, including title, authors, addresses and references. Please do not change this format. Include abbreviated references in parentheses as follows: (Lesica & McCune, 2004). You may change the height of each item, provided that the total length does not exceed one page.

References. Use the following template:

Lesica P., McCune B., 2004 – Decline of artic-alpine plants at the southern margin of their range following a decade of climatic warning. *J. Veg. Sci.*, 15: 679-690