














List and links of Videos

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SIMPOSIUM







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Teresa Mencherini, Tiziana Esposito, Francesca Sansone, Rosa Valentina Puca, Raffaele Iandoli, Rita P. Aquino	A dermo-functional ingredient from chestnut (<i>Castanea sativa</i> Mill.) wastes: development of a topical formulation and clinical investigation of skin tolerability and efficacy	
Luigi Menghini, Annalisa Chiavaroli, Alessandra Acquaviva, Simonetta Cristina Di Simone, Francesca Di Corpo, Claudio Ferrante	Unravelling the phytochemical composition and the pharmacological properties of the fruit from <i>Prunus mahaleb</i> L.: From traditional liqueur market to the pharmacy shelf	
Carmelo Maria Musarella, Serena Maria Postiglione, Valentina Lucia Astrid Laface, Giovanni Spampinato	The traditional uses of wild and cultivated plants: ethnobotanical and floristic novelties from Southern Calabria (S-Italy)	
Vincenzo Musolino, Roberta Macrì, Natalizia Miceli, Maria Fernanda Taviano, Salvatore Ragusa	<i>In vitro</i> evaluation of <i>Isatis tinctoria</i> (Brassicaceae) phenolic-rich fraction (ItJ-EAF) effects against fatty acid accumulation	
Elisa Ovidi, Valentina Laghezza Masci, Giovanni Turchetti, Anna Rita Taddei, Antonio Tiezzi, Stefania Garzoli	Lavender essential oil: chemical characterization and biological activity assays on environmental bacteria and HL60 human leukemia cells	
Valentina Parisi, Sihem Boudermine, Massimiliano D'Ambola, Alessandra Braca, Maria Laura Bellone, Nunziatina De Tommasi	Sesquiterpenes from <i>Ammoides atlantica</i> (Coss. & Durieu) H.Wolff	
Pierpaolo Scarano, Antonello Prigioniero, Daniela Zuzolo, Maria Tartaglia, Alessia Postiglione, Maria Maisto, Maria Antonietta Ranauda, Carmine Guarino, Rosaria Sciarrillo	Phytochemical characterization of <i>Arbutus unedo</i> L. leaves and fruit extracts at various ripening stages	
Federica Sgrò, Marcella Denaro, Francesco M. Raimondo, Laura Cornara, Domenico Trombetta, Antonella Smeriglio	Assessment of antioxidant and anti-inflammatory activity of flowering tops of <i>Mentha pulegium</i> L. (Lamiaceae) on human primary cells	
Massimo Tacchini, Alessandro Grandini, Guglielmo Paganetto, Gianni Sacchetti, Alessandra Guerrini	Secondary metabolite content of a commercial strain of <i>Lentinula edodes</i> (Berk.) Pegler and effect of medium enrichment with agro-industrial waste extracts on <i>in vitro</i> mycelium growth	


Giovanna Pressi, Oriana Bertaiola, Chiara Guarnerio, Raffaella Rizzi, Elisa Barbieri, Flavia Guzzo In vitro cultured red carrot cells as effective, stable and safe ingredient for skin care, nutraceutical and food application 


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“BEYOND DISTRIBUTION DATA OF ALIEN SPECIES: WHAT'S NEXT?”

Giuseppe Bonanno Mt Etna: non-native species are also a problem of yours 


Manuela Manca, Giuseppe Brundu, Vanessa Lozano, Giovanni Piras, Roberta Capogrossi, Lucilla Laureti Using the Carta della Natura and distribution data of invasive alien plants of (European) Union concern in Sardinia for assessment of impacts in invaded habitats, definition of risk and invasion scenarios, and for drafting dedicated action plans 


Simona Sarmati, Claudia Angiolini, Simona Maccherini, Bruno Foggi, Daniele Viciani, Matilde Gennai, Marta Gaia Sperandii, Silvia Cascone, Angela Stanisci, Alicia T.R. Acosta Occurrence and distribution of alien plants along the sandy coastal ecosystems of the Italian peninsula 


Rosario Schicchi, Filippo Amato, Giuseppe Di Noto, Anna Geraci, Gaetano La Placa, Stefano Secci, Roberto Danti Identification and removal of exotic fir trees for *in situ* preservation of *Abies nebrodensis* 


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“IMPORTANCE OF FIELDWORK AND PLANT COLLECTING FOR FLORISTIC AND SYSTEMATIC RESEARCH”

Giovanni Astuti, Gianluigi Bacchetta, Giulio Barone, Fabrizio Bartolucci, Liliana Bernardo, Angelino Carta, Fabio Conti, Giannantonio Domina, Božo Frajman, Jacopo Franzoni, Gianpietro Giusso del Galdo, Duilio Iamonico, Mauro Iberite, Luigi Minuto, Marco Sarigu, Lucia Varaldo, Daniel Volgger, Lorenzo Peruzzi A karyological study of *Dianthus virgineus* group (Caryophyllaceae) in the Central Mediterranean area 

Dario Azzaro, Salvatore Cambria, Gianpietro Giusso del Galdo New floristic and vegetation data on “Bosco di Santo Pietro”, a Site of Community Importance (S.C.I.) in southern Sicily (Italy) 





Natale Badalamenti, Maurizio Bruno, Angelo Troia, Vincenzo Ilardi *Foeniculum piperitum* and *F. vulgare*: a comparison between the two chemotypes 


Gianni Bedini, Giovanni Astuti, Gianmaria Bonari, Lorenzo Pinzani, Giuliano Pacifico, Lorenzo Peruzzi, Francesco Roma-Marzio, Brunello Pierini, Angelino Carta, Daniela Ciccarelli Centres of endemism in the vascular flora of Tuscany (Central Italy) 

David Dolci, Angelino Carta, Brunello Pierini, Giulio Ferretti, Francesco Roma-Marzio, Giovanni Gestri, Gianmaria Bonari, Lorenzo Pinzani, Marco D'Antraccoli, Giuliano Pacifico, Jacopo Franzoni, Daniela Ciccarelli, Gianni Bedini, Lorenzo Peruzzi Species richness in the vascular flora of Tuscany estimated through Species Distribution Model (SDM) approach 

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| Gianniantonio Domina, Emilio Di Gristina, Giulio Barone | Michele Lojaco-Pojero's specimens in the Herbarium Mediterraneum Panormitanum |  |
| Domizia Donnini, Simona Ciancaleoni, Lorenzo Raggi, Giulio Barone, Daniela Gigante, Gianniantonio Domina, Valeria Negri | The new prioritized list of wild plants of socioeconomic interest in Italy: a key step towards a conservation strategy for CWR and WHP |  |
| Antonio Giacò, Paola De Giorgi, Giovanni Astuti, Llorenç Sáez, Gianluigi Bacchetta, Lorenzo Peruzzi | Morphometric relationships among species of the <i>Santolina chamaecyparissus</i> complex (Asteraceae) |  |
| Daniela Gigante, Federica Bonini, Laura Cencini, Maurizio Conticelli, Francesco Falcinelli, Valentina Ferri, Marco Fratoni, David Grohmann, Marco Maovaz, Maurizio Micucci, Antonella Montanucci, Lorenzo Raggi, Giuseppe Ratini, Valeria Negri | The LIFE IMAGINE Project for the ex-situ conservation of the native flora of European concern in Umbria (central Italy) |  |
| Deborah Isocrono, Cristiana Peano, Jurga Motiejūnaitė | "The Lichens of Italy" project on iNaturalist: a tool for citizen science and lichens |  |
| Valentina Lucia Astrid Laface, Carmelo Maria Musarella, Gina Maruca, Giovanni Spampinato | <i>Pimpinella anisoides</i> (Apiaceae): viability test and morphometric comparison with related species |  |
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| Vivienne Spadaro, Emilio Di Gristina, Giuseppe Venturella, Francesco M. Raimondo | Taxonomic and chorological remarks on <i>Clinopodium canescens</i> (Lamiaceae), a valid unrecognized species from Sicily |  |
| Manuel Tiburtini, Giovanni Astuti, Fabrizio Bartolucci, Gabriele Casazza, Lucia Varaldo, Daniele De Luca, Maria Vittoria Bottigliero, Gianluigi Bacchetta, Marco Porceddu, Gianniantonio Domina, Simone Orsenigo, Lorenzo Peruzzi | Integrated taxonomy of Italian subspecies of <i>Armeria arenaria</i> (Plumbaginaceae), with a special focus on the putative subspecies endemic to Northern Apennine |  |


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- “A JOURNEY AMONG AQUATIC PHOTOTROPHS: FROM BIODIVERSITY TO APPLICATIONS”
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| Costanza Baldisserotto, Shahrazad Abouloussoud, Simonetta Pancaldi | First evidence of fungistatic activity and inhibition of <i>Candida albicans</i> dimorphism by the green microalgae <i>Neochloris oleoabundans</i> |  |
| Giuliana Marletta, Marina Srijemsi, Gilda Savonitto, Luca Giuseppe Costanzo, Fabio Candotto, Mauro Tretiach, Giuseppina Alongi, Annalisa Falace | Impacts of climate change on the developmental stages of <i>Cystoseira hyblaea</i> (Fucales) and its possible fate under a foreseen warming scenario |  |
| Alessio Papini, Sara Falsini, Emilio Corti, Diego Romei, Giovanni Stefano, Corrado Tani, Pietro Di Falco, Silvia Schiff, Luciana Renna, Stefano Mancuso, Ilaria Colzi, Cristina Gonnelli | Structural modification of the green alga <i>Ulva lactuca</i> L. (Ulvaceae), grown in presence of high concentration of monoammonium phosphate |  |
| Elisabetta Sgarbi, Giulia Santunione, Giuseppe Montevecchi, Francesca Masino | Metabolites production in algae exposed to UV-B stress |  |


Damiano Spagnuolo, Simona Armeli Minicante, Antonio Manghisi, Marina Morabito, Giuseppa Genovese Evaluation of low environmental impact extraction from macroalgal species in transition environments 


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“RELEVANT HABITATS NEGLECTED BY THE DIRECTIVE 92/43 EEC: MAY VEGETATION SCIENCE CONTRIBUTE TO THEIR CONSERVATION?”

Emanuela Carli, Laura Casella, Lorenzo Gianguzzi, Salvatore Pasta, Pierangela Angelini An open question from Pantelleria Island (Sicily): which habitat type fits the best with a very rare and biogeographically important community? 


Marco Cervellini, Raffaele Repoli, Simona Maccherini, Claudia Angiolini, Emanuela Carli, Pierangela Angelini, Laura Casella, Michele Di Musciano, Piero Zannini, Alessandro Chiarucci Vegetation-plot based analysis: A first attempt for plot size standardization of Italian habitats (Habitat Directive) 


Alice Dalla Vecchia, Martin Wilkes, Mattia Azzella, Alex Laini, Rossano Bolpagni Structural gradients of submerged aquatic vegetation in deep lakes 

Lorenzo Gianguzzi, Orazio Caldarella The vegetation of the pioneer forest nuclei dominated by *Celtis tournefortii* subsp. *aetnensis* (cl. *Quercetea ilicis*) recently found in the submontane belt of Rocca Busambra (western Sicily) 

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“ECOLOGY OF DISTURBANCE EVENTS”


Erika Bazzato, Erik Lallai, Maria Teresa Melis, Elisa Serra, Simona Maccherini, Michela Marignani The effects of land-use intensification on the spatial distribution of Small Woodlots Outside Forests and plant functional responses 


Emanuele Fanfarillo, Claudia Angiolini, Giovanni Bacaro, Stefano Biagiotti, Daniele Calabrese, Paolo Castagnini, Stefano Loppi, Tommaso Martellini, Simona Maccherini Response of arable plant communities and associated insects to different levels of agricultural intensity 

Michele Lussu The orchid flora of Cagliari (Sardinia, Italy) 

Alessio Mo, Daniela Ciccarelli, Angelino Carta Phenology and composition of annual interdunal plant communities in a climate change context 


Maria Silvia Pinna, Donatella Cogoni, Pierantonio Addis, Gianluigi Bacchetta, Serenella Cabiddu, Alessandro Cau, Annalena Cogoni, Maria Cecilia Loi, Michela Marignani, Davide Moccia, Antonio Pusceddu, Andrea Sabatini, Erika Bazzato, Giuseppe Fenu Consequences of extreme climatic phenomena in the Mediterranean area: the “Effects of climate environmental shifts on species, communities and ecosystems” Project 


Valentina Savo, Emanuela Cicinelli, Giulia Caneva Risk Factors and Plant Management Activities for the Terraced Agricultural Systems on the Amalfi Coast (Italy) 

Piero Zannini, Fabrizio Frascaroli, Juri Nascimbene, Michele Di Musciano, Riccardo Guarino, Sara Landi, Giovanna Pezzi, Fabrizio Buldrini, Alessandro Chiarucci Diversity of plant communities in long-term disturbed areas - The case of Sacred Natural Sites in Italy 


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“FROM INTRODUCTION TO INVASION: AN ARCHAEOBOTANICAL AND PALYNOLOGICAL STORYTELLING”

Alessia D’Auria, Alessandra Caselli, Andrea Polcaro, Gaetano Di Pasquale Archaeobotany of *Olea europaea* in the Near East: first data (Early Bronze age) from Jebel al-Mutawwaq (Jordan) 


Assunta Florenzano, Eleonora Clò, Anna Maria Mercuri, Jérémy Jacob Pollen and molecular biomarkers from sedimentary archives: complementary tools to improve knowledge on the introduction of broomcorn millet in the central Po Plain (N Italy) 

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Nicola Alessi, Gianmaria Bonari, Piero Zannini, Emiliano Agrillo, Fabio Attorre, Roberto Canullo, Laura Casella, Marco Cervellini, Stefano Chelli, Michele Di Musciano, Riccardo Guarino, Stefano Martellos, Marco Massimi, Stefan Zerbe, Alessandro Chiarucci Comparing probabilistic and preferential datasets of Italian forests: A case-study through the LifeWatch infrastructure 


Chiara Amitrano, Astrid Junker, Veronica De Micco High-throughput phenotyping experiments to understand lettuce morpho-physiological acclimation under changing VPDs and watering regimes 


Iduna Arduini, Serena Trimarchi The Herbarium Agrariae Pisa: a memory of agricultural research in the period 1920-1935 














Fabio Attorre, Michele De Sanctis, Silvio Cianciullo, Luca Malatesta, Riccardo Testolin, Kipiro Qizac Damas, Miller Kawanamo, Penniel Lamei, Peter Homot, Gibson Lainza Sosanika, Daniele Cicuzza Papua New Guinea: how to save a botanic paradise? 










Silvia Bacci, Lorenzo Pinzani, Francesca Olivieri, Gianni Bedini, Angelino Carta Comparative studies on seed germination in montane related *Aquilegia* species (Ranunculaceae) 

Martina Bottoni, Fabrizia Milani, Paola Sira Colombo, Lorenzo Colombo, Stefania Teocchi, Claudia Giuliani, Piero Bruschi, Daniela Erba, Gelsomina Fico Traditional uses in Valmalenco (SO, Italy): from ethnobotany to the nutritional value of typical plant species 

Jacopo Calevo, Samuele Voyron, Martino Adamo, Karl J. Duffy, Silvia Perotto, Mariangela Girlanda Orchid mycorrhizal fungi: time to re-think their ecology? 

Patrizia Campisi, Emilio Di Gristina, Maria Letizia Gargano, Filippo Bartoli, Francesco M. Raimondo Urban green: taxonomic and distributive update of phytoindividuals found in the “Giardino Inglese” of Palermo (Sicily) 

Francesco Ciani, Silvia Fornasaro, Renato Benesperi, Luca Di Nuzzo, Lisa Grifoni, Elisabetta Bianchi, Pilario Costagliola, Valentina Rimondi	Biomonitoring of atmospheric Hg indoor pollution: comparison of the accumulation efficiency of three different bioindicators	
Daniela Ciccarelli, Cleusa Bona, Giovanna Wisniewski Peletti, Angelino Carta	Association between leaf and root functional spectra in Mediterranean coastal dune communities	
Marco D'Antraccoli, Leonardo Cocchi, Gemma Giannetti, Pietro Picconi, Davide Borgioli, Luca Francesconi, Dario Besseghini, Lorenzo Peruzzi	<i>U-plant</i> , an online database of the living collections in the Botanic Garden of Pisa	
Emanuela Di Iorio, Olga De Castro, Eleonora Manzo, Monika Marek-Kozaczuk, Wojciech Sokołowski, Sylwia Wdowiak-Wróbel, Michał Kalita	Microbiological characterization of the root nodules of <i>Genista tinctoria</i> of the Mefite of the Ansanto Valley (southern Italy)	
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Anna Geraci, Rosario Schicchi, Luisa Friulla, Elisabetta Oddo	Preliminary investigations of ecophysiological traits in <i>Abies nebrodensis</i> (Lojac.) Mattei (Madonie, Sicilia)	
Gabriele Gheza, Juri Nascimbene, Matteo Barcella, Patrizia Berera, Francesco Bracco, Maura Brusoni, Davide Cavalletti, Alessandro Chiarucci, Michael Maerker, Emanuela Martino, Paola Nola, Luisa Pellegrini, Giovanna Pezzi, Chiara Vallese, Silvia Assini	Life Drylands: a project for the conservation of lowland continental dry habitats	
Emanuele Giordano, Massimo Guarnieri, Andrey Yurkov, Moritz Mittelbach, Pietro Buzzini, Benedetta Turchetti, Massimo Nepi	Impact of yeast metabolic activity on the neuro-active properties of nectar	
Luca Giupponi, Davide Pedrali, Valeria Leoni, Alessia Rodari, Annamaria Giorgi	Hilly and sub-mountain areas are rich in plant agrobiodiversity: the case of Italy	
Maurizio Iovane, Luigi Gennaro Izzo, Aurora Cirillo, Leone Ermes Romano, Antonio Bruno, Claudio Di Vaio, Giovanna Aronne	Pollen from 13 cultivars of <i>Prunus armeniaca</i> L. differently reacts to temperatures in a climate change scenario	
Luigi Gennaro Izzo, Giovanna Aronne	Ways to guide root growth orientation on Earth and in space	
Simona Masiero, Sara Forlani, Annamaria Massafra, Chiara Mizzotti	Identification of genes involved in fruit development and senescence	
Francesca Olivieri, Lorenzo Pinzani, Lorenzo Peruzzi, Giovanni Astuti, Gianni Bedini	Monitoring activities of plant species protected by Habitat Directive (92/43/CEE) in Tuscany (Central Italy)	

Loretta Pace, Beatrice Farda, Marika Pellegrini, Rihab Djebaili, Maddalena Del Gallo	Biocontrol of <i>F. oxysporum</i> in <i>Crocus sativus</i> : a case study of “Zafferano dell’Aquila DOP”	
Franco Palla, Francesco M. Raimondo, Filippo Salerno, Giuseppe Venturella, Gianvito Zizzo	Urban green: restoration of unusual historical trees, the case study of coral trees (<i>Erithryna caffra</i>) in the city of Trapani (Sicily)	
Lorenzo Pinzani, Angelino Carta, Francesca Olivieri, Gabriele Casazza, Gianni Bedini	When isolation matters: Relationships among pedoclimatic niches in phylogenetically related species of the genus <i>Aquilegia</i> (Ranunculaceae)	
Francesco Porro, Graziano Rossi	GLORIA ITALIA NETWORK - 20 years of monitoring activities in the Italian mountains	
Alessia Postiglione, Antonello Prigioniero, Maria Tartaglia, Daniela Zuzolo, Pierpaolo Scarano, Maria Antonietta Ranauda, Maria Maisto, Rosaria Sciarrillo, Carmine Guarino	The phyllosphere of <i>Quercus ilex</i> provides an ecosystem service in the abatement of atmospheric pollution in the urban area of Naples: epiphytic microorganism dislodgment protocol for metagenomic analysis	
Sonia Ravera, Claudia Coccozza	Biomonitoring through lichens and tree rings: time exposure and pollutant thresholds	
Chiara Suanno, Iris Aloisi, Luigi Parrotta, Delia Fernández-González, Stefano Del Duca	Allergenic risk assessment of urban parks: towards a standard index	
Chiara Vallese, Luca Di Nuzzo, Gabriele Gheza, Michele Di Musciano, Renato Benesperi, Valter Di Cecco, Luciano Di Martino, Paolo Giordani, Chiara Lelli, Lucia Muggia, Juri Nascimbene	Patterns of diversity and phylogenetic structure of terricolous lichen communities in a Mediterranean Mountain: from the field to the paper	
Giuseppe Venturella, Franco Palla, Donato S. La Mela Veca, Filippo Bartoli, Francesco M. Raimondo	Musealisation of the remains of historic trees: the case study of an old pine (<i>Pinus pinea</i>) in Partinico (Sicily)	
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