



FIRST SYMPOSIUM OF ALPINE LICHENOLOGY

Teatro dell'Oratorio di Pieve,
Viale Guglielmo Marconi 4,
Primiero San Martino di Castrozza (TN) – Italy
July 1–4, 2025

Organizing Committee

Luca Di Nuzzo¹, Luana Francesconi¹, Valentina Gasperoni², Gabriele Gheza¹, Martin Grube³, Juri Nascimbene¹, Piergiovanni Partel², Chiara Pistocchi¹, Maurizio Salvadori², Walter Taufer², Cristiano Trotter², Chiara Vallese⁴, Cristina Zorzi²

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PROGRAMME

July 1

Since 9:30	REGISTRATION
10.00–10.30	OPENING GREETINGS
10.30–11.00	KEYNOTE TALK Juri Nascimbene THE LICHEN BIOTA OF THE PANEVEGGIO-PALE DI SAN MARTINO NATURAL PARK: HISTORICAL AND DISTRIBUTIONAL OVERVIEW
11.00–11.20	BREAK
11.20–12.40	SESSION 1: DIVERSITY AND ECOLOGY OF ALPINE LICHENS Chairperson: Chiara Vallese
11.20–11.40	Luana Francesconi THE DOLICHENS PROJECT: THE LICHENS OF THE DOLOMITES AND THE CHALLENGE OF GLOBAL CHANGE
11.40–12.00	Gesa von Hirschheydt SURVEY DESIGN AND DATA ANALYSIS FOR THE REVISION OF THE SWISS RED LIST OF LICHENS
12.00–12.20	Ulrike Ruprecht LICHEN DIVERSITY IN THE GLACIER FORE-FIELD OF ÖDENWINKELKEES, HOHE TAUERN (AUSTRIA)
12.20–12.40	Mohammad Sohrabi EXPLORING THE DIVERSITY, ECOLOGICAL SIGNIFICANCE, AND BIOTECHNOLOGICAL POTENTIAL OF ALPINE LICHENS IN IRAN
12.40–14.00	LUNCH BREAK
14.00–15.20	SESSION 1: DIVERSITY AND ECOLOGY OF ALPINE LICHENS Chairperson: Luana Francesconi
14.00–14.20	Sebastiano Dose A CONTRIBUTION TO THE LICHEN FLORA OF ARMENIA
14.20–14.40	Chiara Vallese BEDROCK-DEPENDENT EFFECTS OF CLIMATE CHANGE ON TERRICOLOUS LICHENS ALONG ELEVATIONAL GRADIENTS IN THE ALPS
14.40–15.00	Gabriele Gheza PATTERNS OF LICHEN SECONDARY METABOLITES ALONG ALTITUDINAL GRADIENTS ON SILICEOUS VS CARBONATIC SUBSTRATES IN THE SOUTHERN ALPS
15.00–15.20	Dario Nicola Tangredi EPIPHYTIC LICHEN BIODIVERSITY AND SPECIES DISTRIBUTION IN THE AREA OF THE UNIVERSITY CAMPUS OF SALERNO (ITALY)
15.20–15.40	BREAK
15.40–16.25	KEYNOTE TALK Martin Grube COMPOSITIONAL VARIATION AND ADAPTIVITY OF LICHENS
16.25–17.25	SESSION POSTER 1 Chairperson: Luca Di Nuzzo
16.25–16.35	Holger Thüs DERMATOCARPON IN THE ITALIAN ALPS, THE GOOD, THE BAD AND THE UGLY

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16.35–16.45	Mathias Vust FIRST MENTIONS OF LICHENS IN THE ALPS THE SCHEUCHZER'S LICHENS
16.45–16.55	Andreas Beck THE HERBARIUM OF FERDINAND CHRISTIAN GUSTAV ARNOLD
16.55–17.05	Chiara Pistocchi TOWARDS A CHECKLIST OF THE LICHENS OF THE ADAMELLO-BRENTA NATURAL PARK
17.05–17.15	Gabriele Gheza THE OROBIAN MOUNTAINS: A NEGLECTED BUT PROMISING AREA FOR LICHENOLOGICAL RESEARCH
17.15–17.25	Giovanna Potenza PRELIMINARY STUDY ON BOREAL-MONTANE TO ARTIC-ALPINE, CIRCUMPOLAR SPECIES FOUND ON SILICEOUS SUBSTRATA IN SOUTHERN APENNINE

July 3

10.00–10.15	REGISTRATION
10.15– 11.00	KEYNOTE TALK Christoph Scheidegger ALPINE LICHENOLOGY – BIOLOGY AND CONSERVATION OF LICHENS IN EXTREME ENVIRONMENTS
11.00–11.20	BREAK
11.20–12.40	SESSION 2: CONSERVATION OF ALPINE LICHENS IN A CHANGING CLIMATE Chairperson: Gabriele Gheza
11.20–11.40	Sergio Enrico Favero-Longo LICHEN RECOLONIZATION ON THE TOMBSTONES OF THE HISTORICAL WALSER CEMETERY OF GRESSONEY-LA-TRINITÉ TWELVE YEARS AFTER THEIR RESTORATION (WESTERN ITALIAN ALPS)
11.40–12.00	Luca Di Nuzzo RESPONSES OF THREE LICHENS TO WARMING IN AN ALPINE ECOSYSTEM
12.00–12.20	Carolina Stringa Basile THE PROJECT ACCLIMATE – ACCLIMATION TO CLIMATE CHANGE OF LICHENS IN MOUNTAIN ALPINE TERRICOLOUS ENVIRONMENTS
12.20–12.40	Sara Ribotta FORECASTING THE FUTURE: CLIMATE CHANGE AND ALPINE LICHEN DISTRIBUTION
12.40–14.00	LUNCH BREAK
14.00–15.20	SESSION 3: LICHEN BIOLOGY AND CHEMISTRY Chairperson: Sergio Enrico Favero-Longo
14.00–14.20	Lucia Muggia THE DIVERSITY OF THE LICHEN MYCOBIOTA
14.20–14.40	Nathan Chrismas THE EUKARYOME OF MONTANE HEATH CLADONIACEAE AND PARMELIACEAE

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14.40–15.00	Anna Götz MYCO-, PHOTOBIONT AND MICROBIOME ASSOCIATIONS ALONG AN ELEVATIONAL GRADIENT (HOHE TAUERN, AUSTRIA)
15.00–15.20	Henrique Valim CLIMATE DRIVES VARIATION IN GENE EXPRESSION PATTERNS FOR BOTH MYCO - AND PHOTOBIONTS OF <i>UMBILICARIA PUSTULATA</i> AT TWO ELEVATION EXTREMES
15.20–15.40	Joël Boustie MASS SPECTROSCOPY IMAGING (MSI) OF METABOLITES FROM THE ALPINE LICHEN <i>OPHIOPARMA VENTOSA</i>
15.40–16.00	BREAK
16.00–16.45	KEYNOTE TALK Pier Luigi Nimis THE LICHENS OF THE ALPS: PAST AND FUTURE
16.45–17.35	SESSION POSTER 2 Chairperson: Chiara Pistocchi
16.45–16.55	Jasmin Almer 19TH CENTURY PALACE GROUNDS AS A REFUGIUM FOR RARE EPIPHYTIC LICHENS
16.55–17.05	Luca Paoli LICHEN CONSERVATION IN MOUNTAIN AREAS: TRANSLOCATION EXPERIMENTS WITH <i>LOBARIA PULMONARIA</i>
17.05–17.15	Sarah-Julie Miska MYCO-/PHOTOBIONT ASSOCIATIONS ALONG THE SUCCESSIONAL GRADIENT IN THE GLACIER FOREFIELD OF KRIMMLER KEES, HOHE TAUERN (AUSTRIA)
17.15–17.25	Paula Heinzel FROM HIDDEN LIFE TO MINI-SKYSCRAPER: LICHENIZATION IN <i>CLADONIA GRAYI</i>
17.25–17.35	Sergio Enrico Favero-Longo INSIGHTS ON THE LICHEN DIVERSITY IN THE ALPINE BOTANICAL GARDEN 'REZIA' IN BORMIO (CENTRAL ITALIAN ALPS) TO ADDRESS POSSIBLE EDUCATIONAL ACTIONS
17.35–18.00	BREAK
18.00–18.30	SPECIAL EVENT (IN ITALIAN) Pier Luigi Nimis ALLA SCOPERTA DEL MISTERIOSO MONDO DEI LICHENI
20.00	SOCIAL DINNER



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EXCURSIONS



PROGRAMME

July 2 – Field excursion

High-altitude group

Passo Rolle – Cavallazza – Laghetti di Colbricon – Passo Rolle

Difficulty: **medium**

Length: **7.1 km**

Duration: **2:40 h**

Ascent: **469 m**

Descent: **462 m**

Highest point: **2,287 m a.s.l.**

Lowest point: **1,875 m a.s.l.**

Main habitats: **spruce forest, larch-pine forest, subalpine and alpine heath, subalpine and alpine grassland, siliceous rock outcrops**

Bedrock: **siliceous** (Porphyry)

Low-altitude group

Passo Rolle – Laghetti di Colbricon – Malga Ces – San Martino di Castrozza

Difficulty: **medium**

Distance: **6.5 km**

Duration: **2:00 h**

Ascent: **85 m**

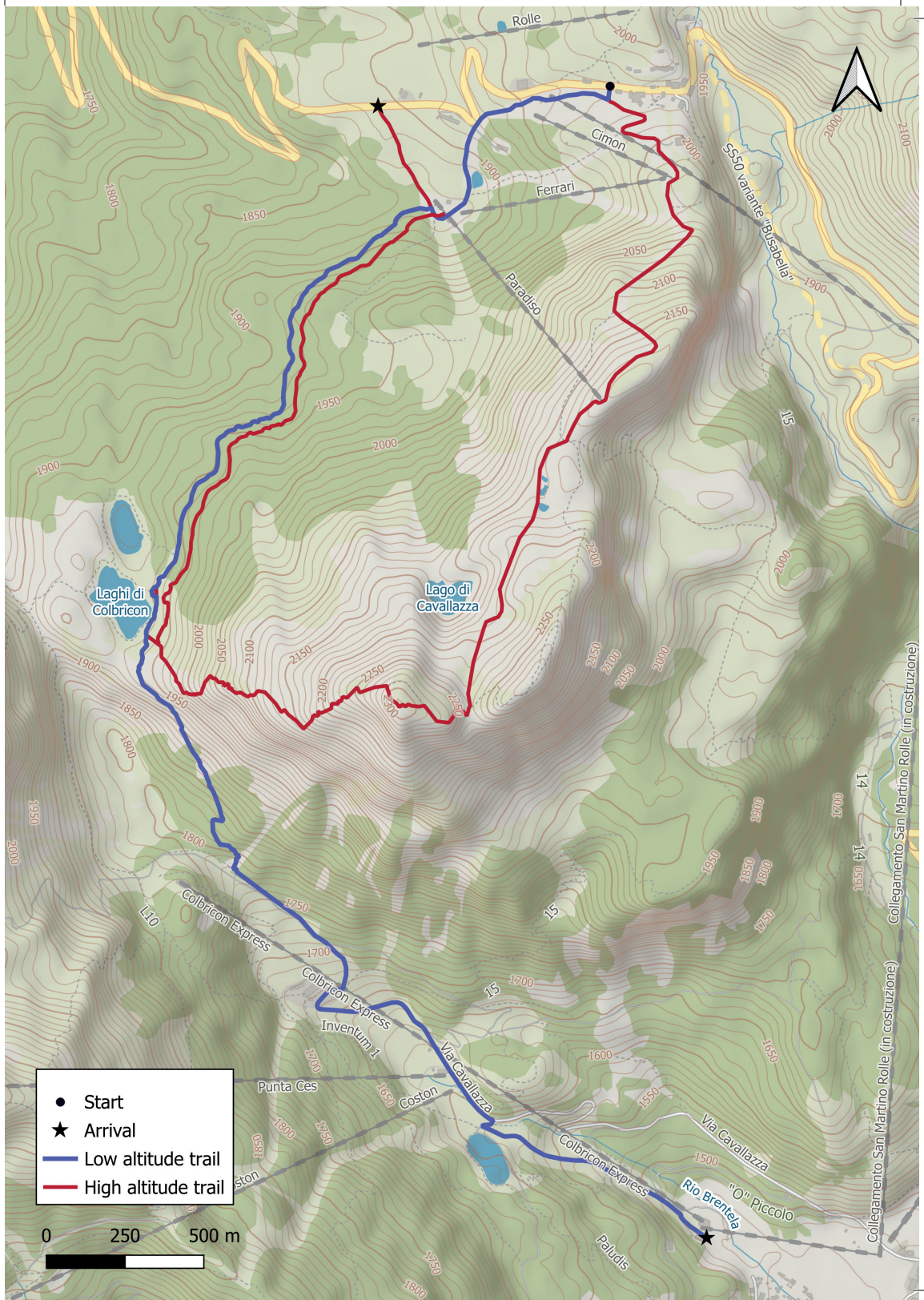
Descent: **574 m**

Highest point: **1,971 m a.s.l.**

Lowest point: **1,478 m a.s.l.**

Main habitats: **spruce forest, larch-pine forest, subalpine heath, subalpine grassland, siliceous rock outcrops**

Bedrock: **siliceous** (Porphyry)



PROGRAMME

July 4 – Field excursion

Single group

Ritonda – Malga Pradidali – Malga Canali – Ritonda

Difficulty: **easy**

Distance: **5,1 km**

Duration: **2:15 h**

Ascent: **265 m**

Descent: **265 m**

Highest point: **1,400 m a.s.l.**

Lowest point: **1,180 m a.s.l.**

Main habitats: **beech forest, spruce forest, hay meadow, carbonate rock outcrops**

Bedrock: **carbonate** (Dolomite)

