

XXIII
CIO

LECCE
8-12 SETTEMBRE 2025



22° CONVEGNO ITALIANO DI ORNITOLOGIA

CONGRESS PROGRAMME

Minor changes might occur in case of unexpected circumstances



MONDAY 8 SEPTEMBER

15:30	REGISTRATION OF PARTICIPANTS
17:00	Visit photographic exhibition: “Cambiamo rotta! Immagini per un percorso di conservazione più efficace” (AFNI / LIPU / CISO)
18:30	Visit Lecce city center
21:00	Free night

TUESDAY 9 SEPTEMBER

8:00	Opening	REGISTRATION OF PARTICIPANTS
8:45	Opening	Congress Opening and Institutional Greetings

PLENARY

9:20	S. Barišić	The Black-headed Bunting: A journey across deserts and through its life history.
------	------------	--

SESSION

Plenary Room - Starts: 10:15
Avifauna of the arid-steppe environments
Chairs: Berlusconi & Morganti

10:20	Catoni	Quick shift in wintering strategy of the Eurasian Stone-curlew <i>Burhinus oedicnemus</i> in Central Italy: From migratory to resident behaviour.
10:40	Calabrò	Avian community dynamics in the Fiumara Trionto river (Calabria, southern Italy): the role of local habitat changes and population trends after 32 years (1992 vs 2024).
11:00	COFFEE BREAK	
11:20	Mastronardi	Photo-trapping technique for studying the reproductive behavior of the European Roller <i>Coracias garrulus</i> .
11:40	Murphy	Drongos maintain provisioning rates to nests on hot days by altering the timing of provisioning.
12:00	Di Vittorio	Factor affecting the coexistence of Golden Eagle and Bonelli's Eagle in Sicily.
12:20	Sammuri	Variation in early life movements of juvenile Montagu's Harriers <i>Circus pygargus</i> from Central Italy.
12:40	Arrondo Floristan	Unraveling the decision making of foraging vultures: insights from a field experiment.
13:00	LUNCH	

SYMPOSIUM

Plenary Room - Starts: 14:15
Advancing Avian Research: Remote Surveillance Technologies for Bird Monitoring and Behavioral Studies
Chairs: Giannerini & Monti

14:20	Masci	Bird Concentration Monitoring System. Leveraging AI for monitoring and managing the risk associated with wildlife.
14:40	Fozzi	Using accelerometer data and machine learning to identify feeding events in Griffon Vultures.
15:00	Giannerini	Camera trapping as a non-invasive tool for the study of bird feeding ecology: lessons from Red-backed Shrike.
15:20	Monti	The dark side of the roost: temporal distribution of nighttime activity of wintering Common Cranes <i>Grus grus</i> using camera traps.

15:40	Albanese	Assessing the effects of Artificial Light at Night (ALAN) on Western Barn Owls' <i>Tyto alba</i> spatial behavior in Western Switzerland.
16:00	Portaccio	ECO-AID: an integrated monitoring framework for bird conservation using Eco-acoustics, Artificial Intelligence, and Satellite Data Transmission.

SPEED TALK POSTERS

16:40	10 speakers (3+1 minutes each): Guglielmi, Kappers, Cerritelli, Scuderi, Tiberti, Nannelli, Brunelli, Pelosi, Forni, Bianchi.	
17:20	Rosati	Supporting the biodiversity research lifecycle with the LifeWatch Italy digital infrastructure

SESSION

Room 2 - Starts: 10:15
Global changes and emerging threats I
Chairs: Bettega & Alba

10:20	Chamberlain	Birds on the move: how elevational shifts challenge the effectiveness of Alpine protected areas.
10:40	Taurozzi	Seabirds from the poles: microplastics pollution sentinels.
11:00	COFFEE BREAK	
11:20	Gaibani	Seabird bycatch in the Pelagie Archipelago, central Mediterranean.
11:40	Anderle	Direct and indirect ecological drivers of bird communities in intensively cultivated landscapes.
12:00	Messina	Genetic diversity analyses revealed silent threat of forest selective logging to tropical understorey birds.
12:20	Granata	The effects of changing climate, landscape and human density on bird population trends.
12:40	Tirozzi	Avian functional diversity in agroecosystems: evidence of long-term clustering and multi-scale land-use impacts.
13:00	LUNCH	

SYMPOSIUM

Room 2 - Starts: 14:15
Studying birds outside the breeding season: new evidence and challenges
Chairs: Ramellini & Assandri

14:20	Alba	Winners and losers in the city: a seasonal perspective.
14:40	Fratricelli	Predictors of the initiation of bird vocal activity at the transition between non-breeding and breeding season.
15:00	Ramellini	Linking non-breeding social behaviour with breeding territoriality: the case of the Superb Fairywren <i>Malurus cyaneus</i> .
15:20	Rubolini	Spatial and temporal variation in the distribution and abundance of birds wintering in Italy: the AIRONE project.
15:40	Catitti	Ontogeny of natal dispersal strategies across the non-breeding period in a long-lived raptor species.
16:00	Vera	Post-breeding habitat selection of the Purple Heron <i>Ardea purpurea</i> in wetlands of southern Europe.

SESSION

Room 3 - Starts: 10:15
New Tools for Ornithology
Chairs: Campioni & Cecere

10:20	Sebastiano	Gene expression as a window into wildlife responses to environmental stress.
10:40	Melchiori	Characterization of a seabird colony in Bona Island, Panama, and evaluation of drivers influencing the productivity during breeding seasons with different El Niño intensities.
11:00	COFFEE BREAK	

11:20	Actis Dato	Estimation of the colony size of <i>Larus michahellis</i> nesting on the island of Bergeggi (Liguria, SV) using the double-observer method.
11:40	Sartirana	Long-term use of bioacoustics to monitor the pre-nuptial migration of the Song Thrush in Liguria.
12:00	Chiatante	The avian community is resilient to forest logging in the Vico Lake Natural Reserve.
12:20	Riello	Drones and Advanced Technologies for Monitoring Scopoli's Shearwater <i>Calonectris diomedea</i> colonies at Ventotene: results and perspectives.
12:40	Di Gangi	The Lampedusa Oceanographic Observatory: A multidisciplinary platform for ocean-climate monitoring and avian ecology.
13:00	LUNCH	

SESSION

Room 3 - Starts: 14:15
Migration I
Chairs: Mellone & Morganti

14:20	Caldarella	Wintering trends of the Common Crane in Northern Apulia from 2000 to 2025.
14:40	Fadda	Changes in fall migration timing of European Honey Buzzard <i>Pernis apivorus</i> in Western Alps.
15:00	Calabretta	Climate conditions drive co-migration fidelity in trans-Saharan birds at a Mediterranean spring stopover site.
15:20	Pastres	Modulation of sleep in relation to ambient temperature during migration in the Garden Warbler <i>Sylvia borin</i> .
15:40	Agostini	Factors affecting route choice in European Honey Buzzards breeding near a migratory divide.
16:00	Gatt	At-sea surveys expose migration of pelagic seabirds through the Central Mediterranean.

ROUND TABLE

Room 4
Nature Restoration Law: roles and opportunities for the ornithological community

14:20/ 16:00	Luoni & Celada (LIPU)	The Nature Restoration Law is a key act to reverse biodiversity loss. To implement it, Member States must draw up a National Restoration Plan containing data on the conservation status and concrete restoration measures. For the plan to be effective, it will be essential that the drafting process is participatory and that all available scientific knowledge are included. The ornithological community can play a key role, both because it is the repository of knowledge on the state of bird conservation and because of it has the knowledge of the necessary environmental restoration measures that should be included in the plan.
16:20	COFFEE BREAK	

17:20	Poster Session	
18:00	Conclusion	
Evening	Free	

WEDNESDAY 10 SEPTEMBER

PLENARY

9:00	A. Santangeli	Global Change and Avian Biodiversity: Threats, Science, and Solution.
-------------	---------------	---

SESSION

Plenary Room - Starts: 09:55
Global changes and emerging threats II
Chairs: Masoero & Rubolini

10:00	Damiani	How to live in the city? Responses of a bird of prey to urbanisation.
10:20	Balestrieri	Birds eat disproportionately more invasive insects in cities than in forests.
10:40	Masoero	Impact of extreme climatic events on an urban nesting insectivorous bird, the Alpine Swift.
11:00	COFFEE BREAK	
11:20	Caprio	Species distribution modeling to support urban biodiversity planning: A study in Turin and Milan (Italy).
11:40	Passarotto	Morph-specific phenotypic changes over time in a colour polymorphic raptor.
12:00	Bondioni	30 Years of Urban Changes: A long-term Analysis of Breeding Bird Communities in the City of Milan.
12:20	Dalla Pieta	Carry-over effects of non-breeding mercury exposure and influence of age on the breeding success of an endangered gadfly petrel.
12:40	Zanettovich	The impact of land-use change and road traffic on bird communities.
13:00	LUNCH	

SYMPOSIUM

Plenary Room - Starts: 14:15

From coasts to oceans: New research frontiers in the behavioral ecology of seabirds

Chairs: Campioni, Balestrieri, Urso

14:20	Vulcano	Seabirds of Europe: current status, main threats and way forward.
14:40	Kalaitzakis	GPS-tracking reveals strong individual heterogeneity in migratory movements of Mediterranean Gulls throughout Europe.
15:00	Bolumar	Exploring the deep blue: foraging habits of the European Storm Petrels.
15:20	Vento	How sex, breeding success, and migration shape the moulting and non-breeding strategies of a threatened seabird.
15:40	Chimienti	Decoding diving species' behaviour and energy with bio-logging and machine learning.
16:00	Terranova	From calls to conservation: using vocal behaviour to monitor African Penguin populations over time.

SPEED TALK POSTERS

16:20	10 speakers (3+1 minutes each): Giordano, Pavesi, Serravalle, Civitarese, Vizzini, Pelliccioni, Scaravelli, Costa, Gomez-Laich, Pecoraro.	
17:00	CISO MEMBERS' ASSEMBLY	

SESSION

Room 2 - Starts: 09:55

Ecology and Behaviour of birds I

Chairs: Chiatante & Ramellini

10:00	Trenta	Kentish Plover and conservation: observation of ringed individuals within the Torre del Cerrano MPA.
10:20	Mermillon	Trophic links in a high elevation bird species: the diet of Northern Wheatear nestlings <i>Oenanthe oenanthe</i> follows arthropod availability in alpine grasslands.
10:40	Alessandrini	Upscaling species-habitat relationships: individual fine-scaled habitat suitability predicts landscape-scale breeding density.
11:00	COFFEE BREAK	
11:20	Lapadula	Within-guild competition affects diet variation among top-predators across the Mediterranean basin.
11:40	Brunet	How post-release movement patterns vary in translocated Griffon Vultures <i>Gyps fulvus</i> under different social and environmental conditions.

12:00	Carrington	Responses of coastal seabirds (European Shag, <i>Gulosus aristotelis</i>) to fine-scale meteorological variation within a dynamic coastal environment.
12:20	Raj Pant	High-altitude flights of Pallid Swifts in the breeding range revealed by GPS trackers.
12:40	Vertua	Individual- and group-level responses of Greylag Geese under threat by a raptor-like robot.
13:00	LUNCH	

SYMPOSIUM

Room 2 - Starts: 14:15
Italian Ornithological Commission: from the routine assessment to the national check-list
Chairs: Liuzzi & Fulco

14:20	Fulco	Approach to the analysis of vagrant reports: three COI case studies.
14:40	Brichetti	Il "Comitato di Omologazione Italiano": a quarter of a century of quiet work.
15:00	Boano	Not dusky skins, but valuable scientific specimens. The revival of bird museum collections.
15:20	Baccetti	From the COI reports to a 'living' national checklist: an endless affair.

SESSION

Room 3 - Starts: 09:55
Monitoring avifauna for conservation policies: Challenges, methods and perspectives in Italy
Chairs: Serra & Celada

10:00	Righini	The Farmland Bird Index: 25 years of monitoring farmland birds in Italy.
10:20	Fasola	Monitoring Italian heronries: methods, results, and limits.
10:40	Pezzo	Italian monitoring of seabirds under the "Marine Strategy" Framework Directive.
11:00	COFFEE BREAK	
11:20	Zenatello	Thirty-five years and (almost) no signs of ageing! The International Waterbird Census project in Italy.
11:40	De Santis	Integrating traditional monitoring techniques and state-of-the-art technologies yields accurate population assessments of protected bird species.
12:00	Bazzi	The COMBI project as a regional module for reporting under Article 12 of the Birds Directive.
12:20	Gustin	Monitoring raptor migration in Italy: current knowledge, main key bottlenecks, and conservation perspectives.
13:00	LUNCH	

SYMPOSIUM

Room 3 - Starts: 14:15
BirdLab: Laboratory studies relating to genetics, parasitology, microbiota, contamination
Chairs: Costanzo & Ramello

14:20	Berardi	Reproductive ageing and age-dependent parental effects on offspring in a long-lived seabird.
14:40	Esposito	Two-year study on swifts as bioindicators of environmental Antimicrobial Resistance (AMR): comparison between Africa and Italy.
15:00	Novelli	Telomere dynamics in relation to sexual selection, longevity and fitness: a case study on a small migratory passerine.
15:20	Mucci	Genetic insights into Osprey <i>Pandion haliaetus</i> migration and population differentiation.
15:40	Borgianni	Genetic diversity and conservation perspectives of the reintroduced Griffon Vulture <i>Gyps fulvus</i> in the central Apennines.
16:00	Ilahiane	Molecular screening of haemosporidian parasites in the vulnerable Italian Sparrows <i>Passer italiae</i> .

ROUND TABLE

Room 4

Invasive Alien Bird Species in Italy: Challenges, Management, and Best Practices

14:20/ 16:00	Caprio (Uni To), Costa (Reg. Piemonte), Volponi (ISPRA)	Invasive Alien Species (IAS) pose an increasing threat to biodiversity and ecosystems in Italy. This round table brings together experts to discuss control strategies, management approaches, and best practices in addressing the impact of invasive bird species. Key topics include monitoring methods, containment measures, and regulatory implications, with a focus on case studies. The discussion will also explore challenges related to public acceptance and coordination between local and national authorities. The goal is to share effective solutions to mitigate the impact of invasive species, promoting an integrated approach to the conservation of native wildlife.
18:00	Conclusion	
20:30	"FLEDGLINGS" EVENT - Officine Cantelmo - Viale Michele de Pietro, 8/a	

THURSDAY 11 SEPTEMBER

PLENARY

9:00	K. Safi	From individuals to populations, how atmospheric dynamics govern flight, migration and even species composition in birds.
-------------	---------	---

SYMPOSIUM

Plenary Room - Starts: 09:55

Movement ecology offers new perspectives on ecological barriers, connectivity and energy trade offs Chairs: Scacco & Cerri

10:00	Cerri	Sea crossings by non-migratory vultures: more common than previously thought?
10:20	Mellone	Changes in wind regimes establish a new route and a new wintering area for a migratory top predator.
10:40	Frisoni	Fine scale flight behaviour of Golden Eagles in a topographically complex region: the use of thermals, orographic uplifts and mountain waves.
11:00	COFFEE BREAK	
11:20	Scacco	What is the currency of route optimisation? An example from migrating waterfowls.
11:40	Perinot	Do birds have knowledge about future environmental conditions in breeding or wintering grounds prior to migration?
12:00	Campioni	Fine-scale movement data of a gadfly petrel highlights primarily surface foraging and greater nocturnal flight activity.
12:20	Cecere	The cost of crowding: How breeding birds modulate foraging behaviour according to colony sizes and environmental conditions.
12:40	Tossani	Effectiveness of Protected Areas Networks in safeguarding colonies and key foraging areas of the Scopoli's Shearwater across its breeding range.

SESSION

Room 2 - Starts: 09:55

Global changes and emerging threats III Chairs: Baccetti & Gustin

10:00	Bettega	A forestry lesson from post-disturbance monitoring of Black Woodpecker <i>Dryocopus martius</i> nests: not everything we lose is a loss, but salvage logging can throw away anything.
10:20	Odicino	Towards a biodiversity-friendly agriculture: parcel-scale ground vegetation management affects densities of avian functional groups in vineyards.

10:40	Puglisi	Rapid expansion of an invasive alien species of European Union concern: the case of the African Sacred Ibis in Tuscany.
11:00	COFFEE BREAK	
11:20	Giovinazzi	Microplastic Ingestion and Diet Analysis in Migratory Shorebirds at Bahía Lomas, Chile.
11:40	Fragomeni	Spring snow melt on ski-pistes shapes foraging opportunities for mountain bird communities.
12:00	Imperio	Context-dependent foraging habitat selection of breeding Kentish Plover in a human-dominated environment.
12:20	De Angelis	A storm of ecological opportunities: European Nightjars <i>Caprimulgus europaeus</i> breeding in wind-disturbed forests.

SESSION

Room 3 - Starts: 09:55 Migration II Chairs: Monti & Mellone

10:00	McKinlay	Global patterns of migratory connectivity in Barn Swallows.
10:20	Cioccarelli	High flexibility in migratory traits of Lesser Kestrels.
10:40	Cevenini	Biotic and abiotic factors drive circadian migration patterns in Northern Pintails across the Eurasian flyway.
11:00	COFFEE BREAK	

SESSION

Room 3 Other topics Chairs: Montemaggiore & Bassi

11:20	Costantino	13 years of change: how wind energy development has transformed raptor habitats in Sardinia.
11:40	Besse	Country-scale shifts in habitat use of 35 bird species due to wind turbines.
12:00	Bassi	Impact assessment of power lines on birds of prey in Northern Italy: risk assessment and solutions applied to reduce the threat.
12:20	Cochis	Who gets to enjoy urban nature? A meta-analysis of socioeconomic disparities in biodiversity access.
12:40	Marcolin	Fine-scale habitat features drive taxonomic diversity and ecosystem service provision in urban bird assemblages.

ROUND TABLE

Room 4 Monitoring and conservation of Kentish Plover in Italy

10:00 / 11:40	Sartori & Tinarelli (Com Naz Cons Fratino)	Il Comitato Nazionale per la Conservazione del Frattino, nato nel 2013 per tutelare il frattino, si prefigge come obiettivi principali il coordinamento delle associazioni che operano sulla specie, la realizzazione di censimenti e l'elaborazione di strategie di conservazione. La popolazione di frattino in Italia ha registrato negli ultimi anni un preoccupante calo in relazione soprattutto all'impatto delle attività antropiche; la tavola rotonda vedrà la partecipazione delle realtà che operano nelle varie regioni e il confronto su diverse tematiche, quali i risultati del censimento 2025, l'andamento della popolazione, le esperienze locali di monitoraggio, le criticità rilevate e le strategie di tutela.
13:00	FIELD VISITS - WWF Le Cesine Nature Reserve (beach access and entry to the reserve) - Packed lunch	
18:30	End of field visits	
20:30	"SOCIAL DINNER" - Le Tagghiate, Via dei Ferrari, 1	

FRIDAY 12 SEPTEMBER

PLENARY

9:00	I. Maggini	Research and conservation of migratory land birds at a flyway scale.
------	------------	--

SYMPOSIUM

Plenary Room - Starts: 09:55 Conservation evidence and measures I Chairs: Battisti & Sarà

10:00	Corregidor-Castro	Shelter or traps? Microclimatic-dependent effectiveness of nest boxes in a raptor of conservation concern.
10:20	De Rosa	Involvement of key stakeholders in long-term concrete conservation actions: the example of the livestock farmers in the sustainable management of supplementary feeding for vultures.
10:40	Scuderi	The evolution of Bonelli's Eagle population in Sicily as a consequence of a nest surveillance programme.
11:00	COFFEE BREAK	
11:20	Battisti	Plover's conservation on coastal dunes: applying project management tools and focus on human dimension make the difference - a case study in central Italy.
11:40	Liuzzi	East is Best: Audouin's Gull as a tool for marine conservation on both sides of the heel of Italy.
12:00	Riga	Ex-situ conservation and reintroduction of the Italian Grey Partridge (LIFE Perdix project): three years of monitoring.
12:20	Costanzo	A tale of tails: Barn Swallows regulate fly activities and reduce fly-induced stress in dairy cows.
12:40	Londi	Restoration of mountain heathlands for breeding bird populations: results from the GRANATHA LIFE Project.
13:00	LUNCH	

SPEED TALK POSTERS

14:20 / 15:40	17 speakers (3+1 minutes each): Nicolosi, Cannarella, Alambiaga, Monros, Cippitelli, De Gaetanis, Bassi, Morganti, Cavaliere, Puddu, Bajno, Biondo, Giunchi, Montemaggiori, Posillico, De Sanctis, D'Errico.	
---------------	--	--

SESSION

Room 2 - Starts: 09:55 Ecology and Behaviour of birds II Chairs: Cecere & Giunchi

10:00	Berlusconi	Sympatric, but not friendly: niche partitioning and interspecific territoriality drive coexistence among Tit species.
10:20	Ferretti	Seasonal habitat use by Kentish Plover <i>Anarhynchus alexandrinus</i> in the Torre del Cerrano Marine Protected Area.
10:40	Ambrosini	Temporal shifts in environmental drivers of Barn Swallow population dynamics revealed by 26-year monitoring.
11:00	COFFEE BREAK	
11:20	Ramello	Diet composition and food hoarding behaviour plasticity in Eurasian Pygmy Owls in the Alps.
11:40	Salvador	Breeders vs. non-breeders: spatial behaviour of a diving seabird across three Baltic Sea coastal colonies.
12:00	Cenzi	Uncovering the role of the energy landscape in shaping nest-site selection in Golden Eagles <i>Aquila chrysaetos</i> .
12:20	Grosso	Habitat selection of <i>Larus michahellis</i> during breeding season in an urban colony.
12:40	Mazzoni	Intermediate levels of urbanization and home farming foster the abundance of the Italian Sparrow <i>Passer italiae</i> in Sondrio Province.
13:00	LUNCH	

SESSION

Room 3 - Starts: 09:55 Conservation evidence and measures II Chairs: Berlusconi & Masoero

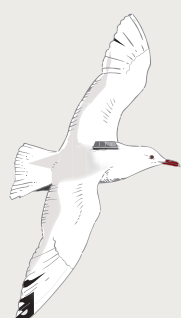
10:00	Tramontana	Towards the conservation of the Rock Partridge <i>Alectoris graeca graeca</i> : preliminary results from a reintroduction pilot action.
10:20	Prioletti	The Role of the Apulian Regional Wildlife Rescue Centre in Lesser Kestrel <i>Falco naumanni</i> Conservation: Insights from Eight Years of Activity.
10:40	Lombardi	Rising Admissions of Common Swift <i>Apus apus</i> at the Puglia Wildlife Rescue Center: A Sign of Increased Human-Wildlife Interaction and Environmental Awareness?
11:00	COFFEE BREAK	
11:20	Cocchi	Bird-Friendly Greenhouse Solutions: the case of the Botanic Garden of the University of Pisa.
11:40	Ingaramo	Biodiversity and coastal wetland planning and management: a case study in the Gulf of Manfredonia.
12:00	Pollo	Biometry and demography of the Common Kingfisher <i>Alcedo atthis</i> in the Brusà Marsh (Verona, Italy): Insights from long-term capture and ringing data (1993–2025).
12:20	Siddi	Bird communities in neophyte-dominated riparian habitats of the Po basin.
13:00	LUNCH	

ROUND TABLE

Room 4 Urban Avifauna: Ornithological atlases and urban ecosystem management

10:00 / 11:40	Dinetti (LIPU)	Lo studio dell'avifauna urbana ha interessi scientifici, culturali e gestionali. In fatto di atlanti ornitologici urbani, l'Italia è al vertice della produzione internazionale. Al Workshop di Cremona, novembre 2024, è stato aggiornato il panorama (a oggi conta 71 indagini per 47 aree urbane) ed è stato deciso di aggiornare le linee guida metodologiche. La tavola rotonda sarà l'occasione per discutere di questa revisione, anche alla luce dell'importanza che i dati sull'avifauna urbana hanno nel contribuire alla definizione di percorsi legislativi quali il piano nazionale della Restoration Law, nonché la gestione del verde urbano e il contrasto al consumo di suolo.
15:45	Poster Session	
16:20	Best poster and talk award ceremony + LIPU "Soldarini" award	
17:00	End of 2025 CIO Congress	

Thank You!



**22° CONVEGNO
ITALIANO DI
ORNITOLOGIA**
LECCE 8-12 SETTEMBRE 2025