



*Simona Bonelli*

# Butterfly Monitoring Scheme Italy

## Butterfly Conservation Europe: Partner meeting

### Laufen 2-5 December 2025

Zoolab – Department of Life Science and Systems Biology - University of Turin, Italy  
National Coordinator EU Butterfly Monitoring Scheme  
Butterfly Conservation Europe - board  
MASE Expert for Pollinator Initiative  
EU Working Group on Pollinators – Co-lead of Task Force on Key Pollinator Areas (KPAs) and Buzz Lines  
ALI (Associazione Lepidotterologica Italiana) – vicepresident  
Accademia Nazionale Italiana di Entomologia

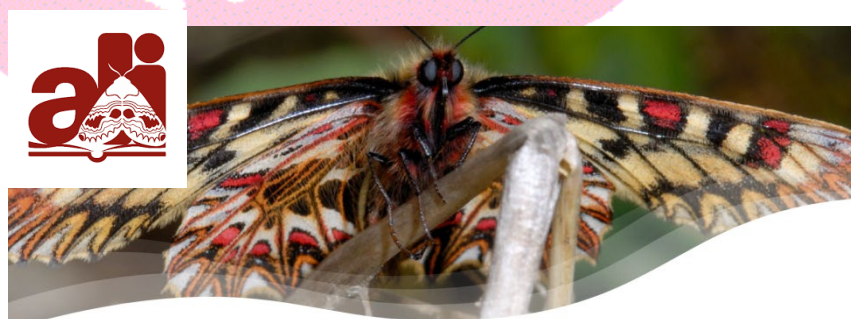




A lot of work is done for butterfly conservation in Italy thanks to this group I joined since the beginning



**Inaugural Meeting on Butterfly Conservation Europe (BCE) - Laufen, 29-31 October 2007**  
**Bavarian Academy for Nature Conservation and Landscape Management (ANL)**



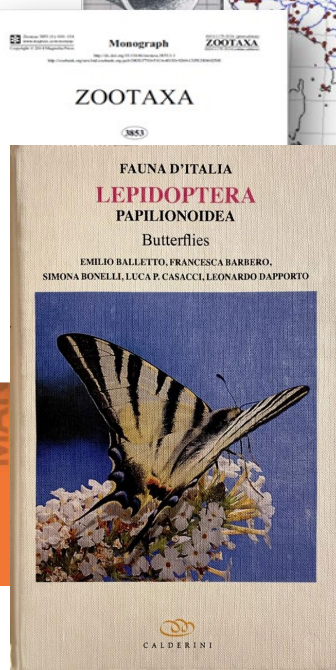
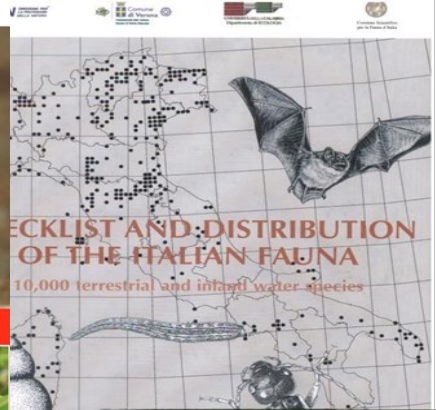
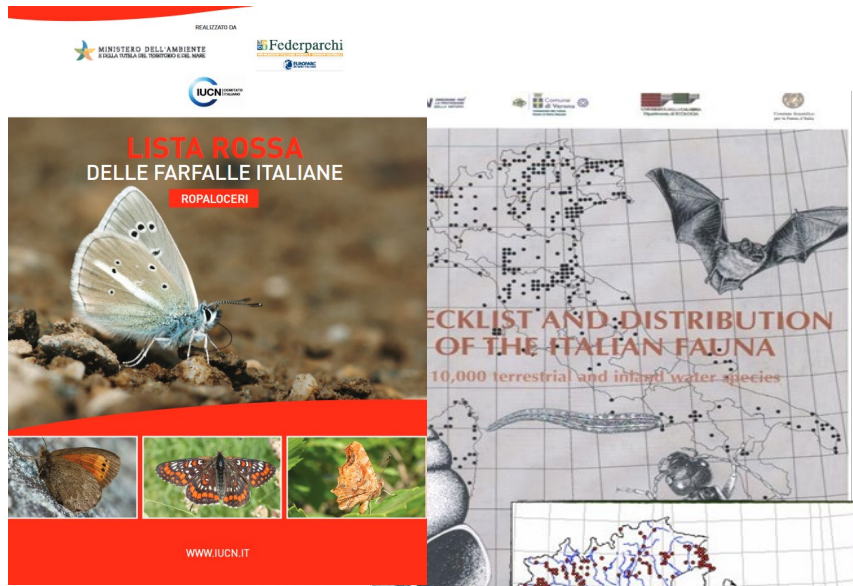
**In 2020 we established ALI Associazione Lepidotterologica Italiana**

<https://www.lepidoptera.life/#>



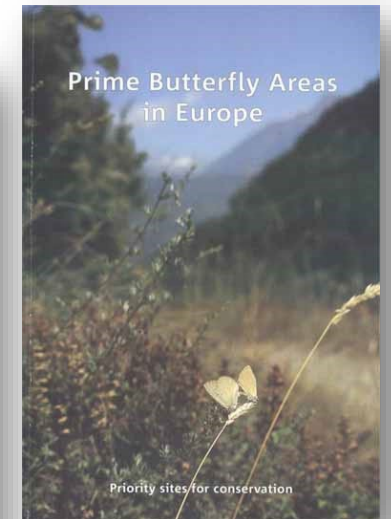


# Italian BMS and the Environmental Ministry a bottom up process



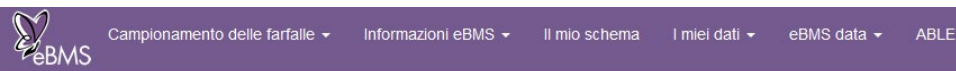
Butterfly Conservation in Italy we have done (partially founded by Environmental Ministry)

- ✿ National Database
- ✿ National Butterfly Checklist
- ✿ National Red List
- ✿ Consultant for III – IV and V Art 17 Habitats Directive Reporting (in the last one BMS data were used)
- ✿ Guide lines for monitoring HD species
- ✿ Connection with European countries thanks to Butterfly Conservation Europe





# In 2019 the Italian BMS started officially



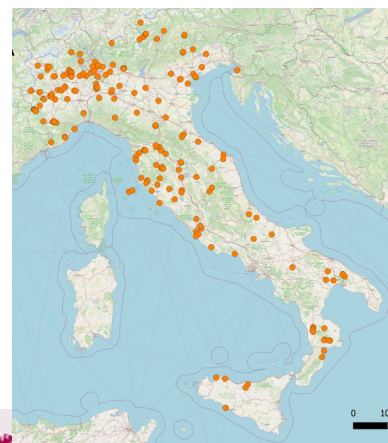
Italia BMS



- 220 permanent transect. Only 30% inside Natura 2000
- 130 Volunteers, NGOs (WWF Oasis), Universities, Natural Parks, farmlands, Municipalities, Botanic gardens, Zoos, Museums.....

**171 species sampled (289 total number Italian species)**

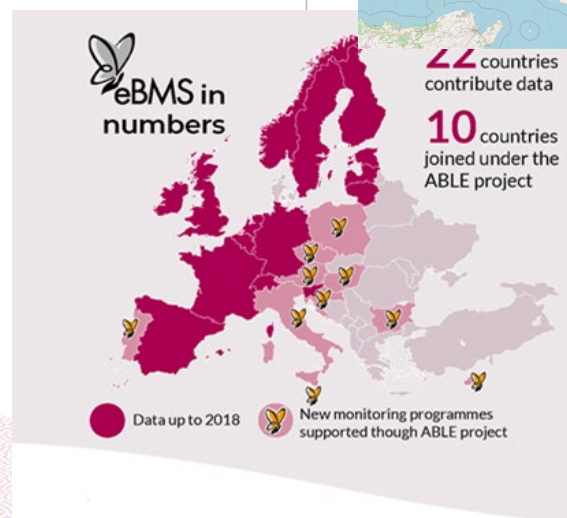
Management and coordination shared with 2 co-coordinators Leonardo Dapporto (centre Italy) and Stefano Scalercio (south Italy)



Stefano (in red) talking in the Sila workshop

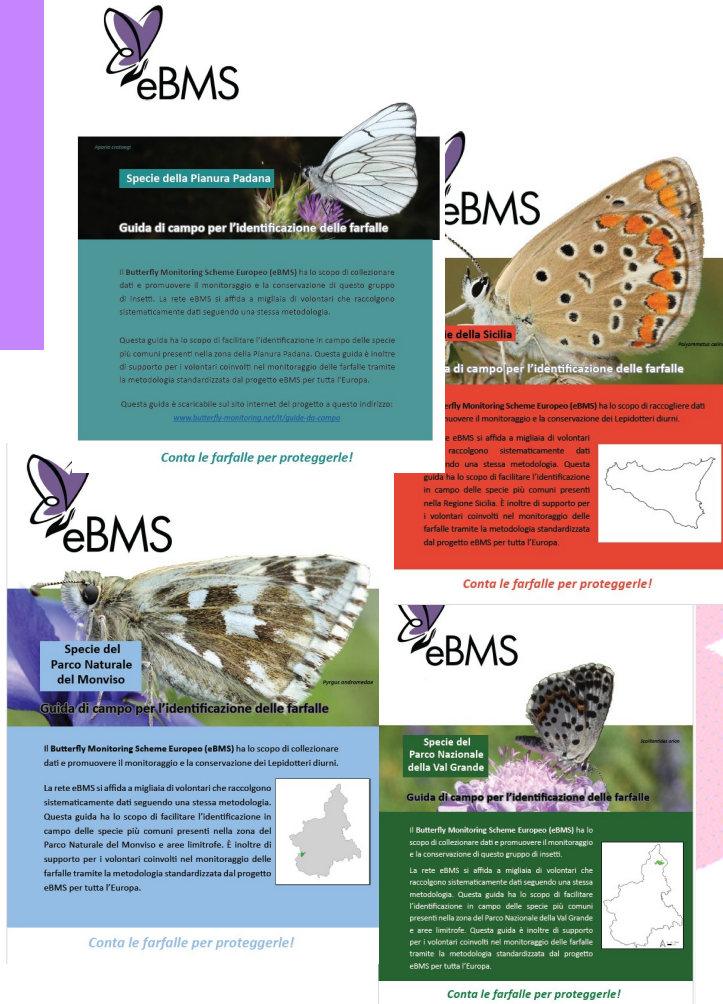


Simona and Leonardo discussing in a workshop





# Butterfly Monitoring Scheme Italy Tools



- ✋ 8 regional field guides
- ✋ 15 workshops to train the use of guides
- ✋ 1 iNaturalist dedicated project to validate identifications
- ✋ 5 regional Facebook groups of experienced volunteers who help the less experienced in identifying
- ✋ 1 tutorial dedicated to identification of all alpine *Erebia* species
- ✋ 2 tutorial dedicated to the application of methods



# Butterfly Monitoring Scheme Italy and Pollinator Initiative



## Italian BMS National Workshop

Italian Butterfly monitoring Scheme started in 2019 with the organization of five Workshops:



1<sup>st</sup> BMS National Workshop on 21<sup>st</sup> June located in Sila National Park.



2<sup>nd</sup> BMS National Workshop on 8<sup>th</sup> August located in Gran Sasso e Monti della Laga National Park.



3<sup>rd</sup> BMS National Workshop on 19<sup>th</sup> July in Gran Paradiso National Park.



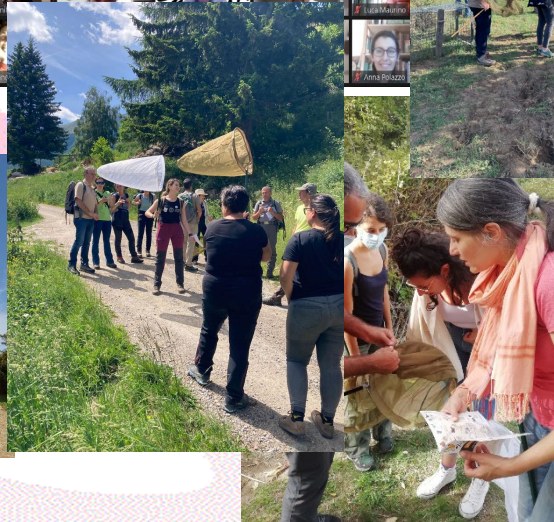
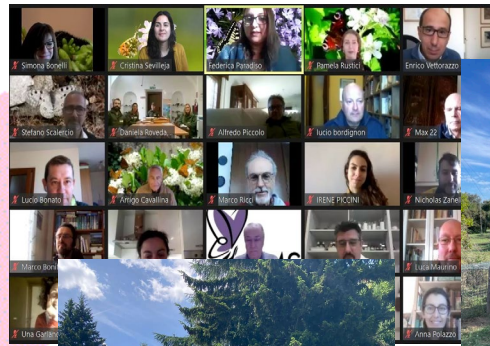
4<sup>th</sup> BMS National Workshop on 7<sup>th</sup> September in Elba Island (Porto Ferraio).



5<sup>th</sup> BMS National Workshop on 10<sup>th</sup> September in Ticino Park.

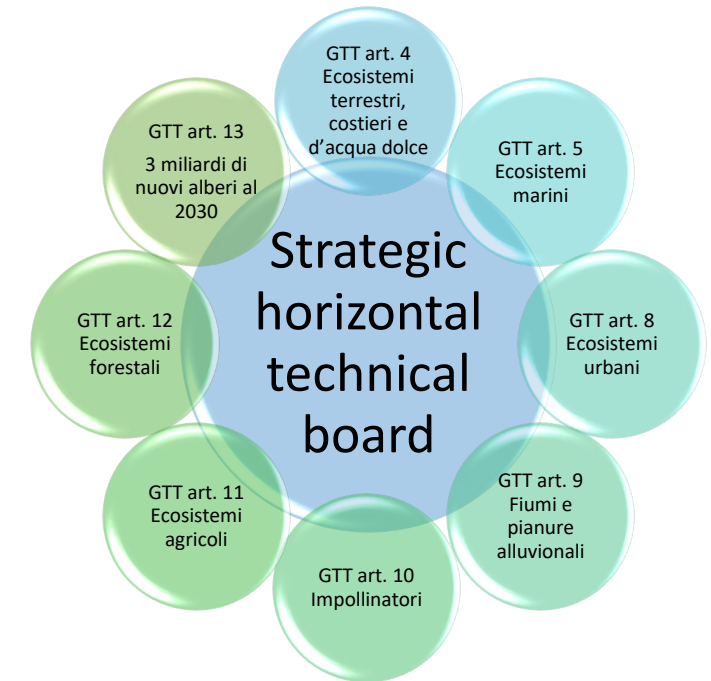
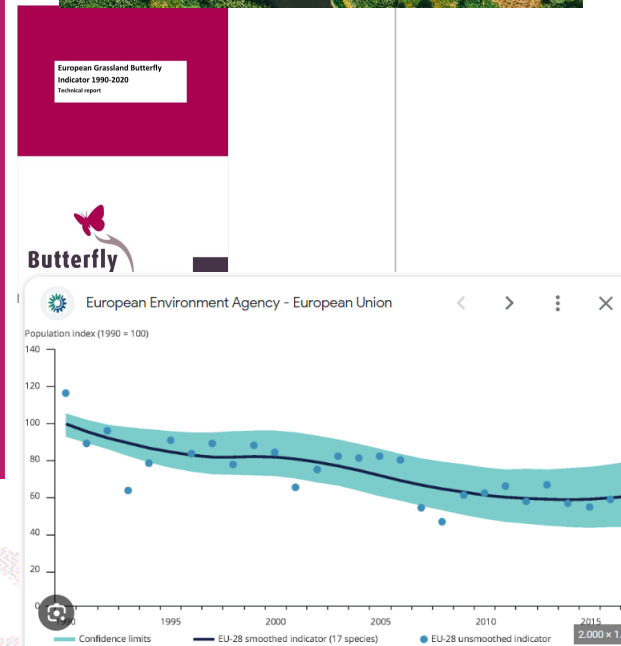
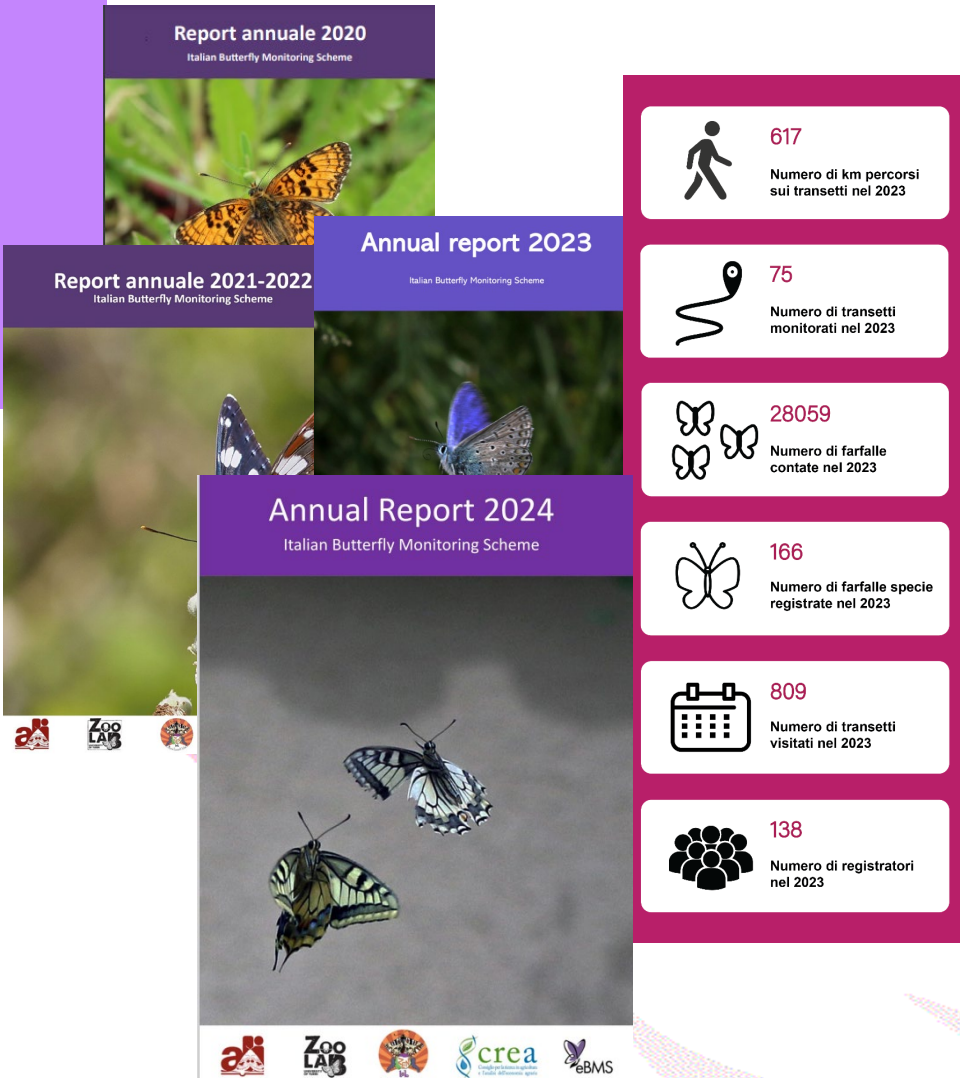


- Ministry founded National Park to monitoring Pollinators (Italian Pilot EuPoms)
- We were responsible for the methodology adopted by national park
- We organised 14 workshop 11 in Parks and 1 Museum (involving more than 700 people)





# Butterfly Monitoring Scheme Italy Nature Restoration Law: the turning point



**Thematic Working Groups (TWGs)**  
**Environmental and Agriculture Ministry together**



Thank you for your attention!

