



## Case of Lithuania

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## Strengths of lepidopterists in Lithuania:

- Three working at universities or research institutes;
- A strong group working with Nepticulidae;
- <10 Macrolepidoptera amateurs.
- Butterfly conservation concern – 3 persons.

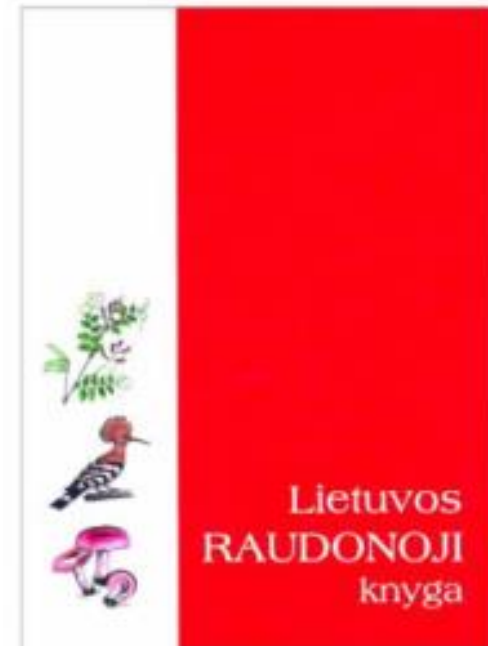


# Studies of butterflies and moths:

- Quite fragmented;
- Moth monitoring – 1995-2002 (sponsored by Finnish Environmental Institute);
- Peat bog butterflies monitoring – 1999-2006; 2011-2013);
- Monitoring of butterflies in other habitats – 2009-2011 (private initiative).

# Protection of butterflies and moths

- Red Data Book of Lithuania:
- 54 butterflies and moths protected;
- Protection in “papers” mainly, no management of habitats is carried





Species that are threatened on national scale are not threatened on European scale (not included into the Red Data Book of European Butterflies)

species that are on the border of their distribution:

- *Hipparchia statilinus*
- *Oeneis jutta*
- *Brenthis daphne*
- *Hamearis lucina* - extinct?






Many species that are threatened on national scale  
are not threatened on European scale:

**species that are distracted from their  
main distribution range:**



➤ *Brenthis hecate*

➤ *Boloria frigga* (only one  
population in LT)



Some species that are threatened on national scale are not threatened on European scale

**Species that inhabit xerothermic habitats, rare in Lithuania:**

- *Erynnis tages*
- *Pyrgus serratulae*
- *Polyommatus dorylas*
- *Polyommatus coridon*



## **The situation concerning butterfly conservation in Lithuania:**

Two entomological preserves established for butterfly conservation,

No officially promoted habitat management has ever taken place, nor any management plan has been prepared.



# EU Habitat Directive and Natura 2000 sites for:

- *Euphydryas aurinia*,
- *Hypodryas maturna*,
- *Lycaena helle*,
- *Lycaena dispar*,
- *Maculinea teleius*.





# EU Habitat Directive and Natura 2000 sites:

- Situation is better;
- Some real management activities are carried out;
- Responsibility for administrations of protected territories;
- Mainly for *Lycaena helle*, *Euphydryas aurinia* and *Maculinea teleius*.









# EU Habitat Directive and Natura 2000 sites:

- Some management plans were prepared.
- Some of them were started for implementation (at *M. teleius* and *L. helle* sites) since 2010,
- Management of meadows (mowing, removing hay, grazing, cutting of bushes) started in some places.





## Some perspectives:

- A legal database on finding localities of species included into the Lithuanian Red Data Book was launched in 2014;
- In 2015, there will be a project to gather data from all respondents and to fill into the database.

