

News of R&T-Area „Strass“ – A remarkable shift in *Phengaris* Populations in Southern Bavaria

Christian Stettmer

ANL



ANL Research Area „Strass“



- 18 Hectars for research, training and courses



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- With high diversity in management new stars are born or have their comeback.

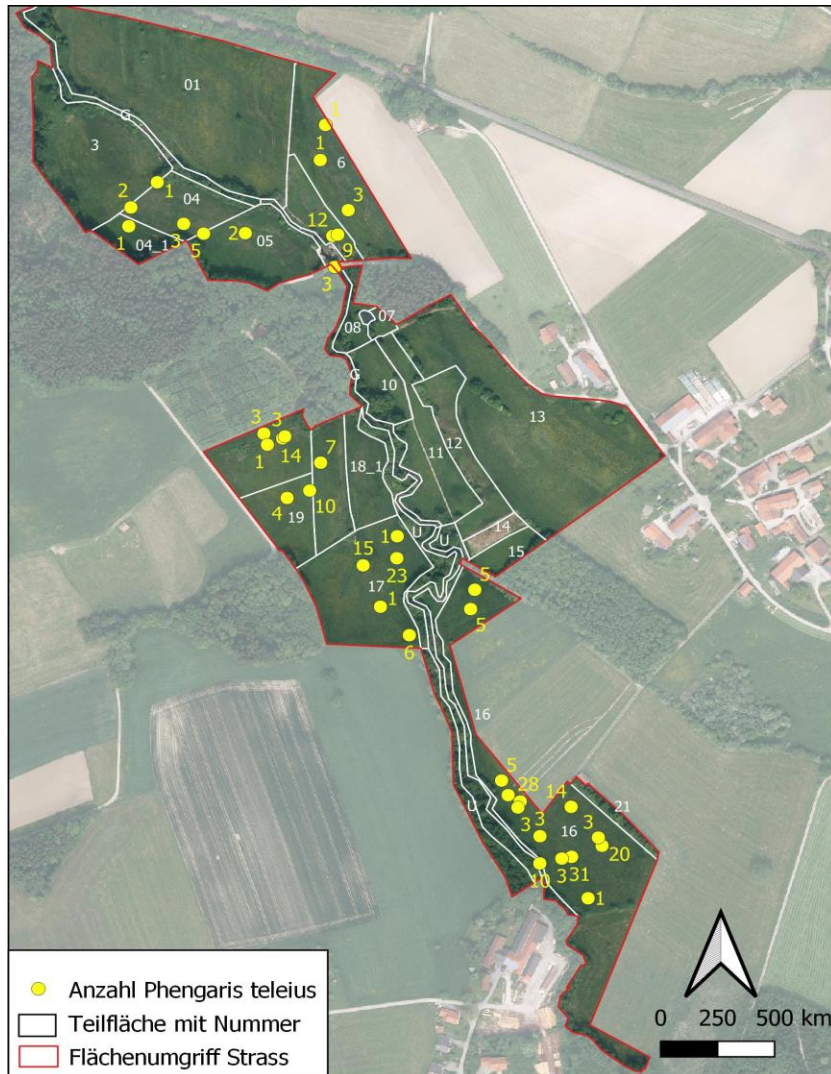
Muschampia floccifera 2022 in Strass



- For the the very first time the Tufted Skipper could be observed in Strass.
- On top the proof of reproduction of this species.



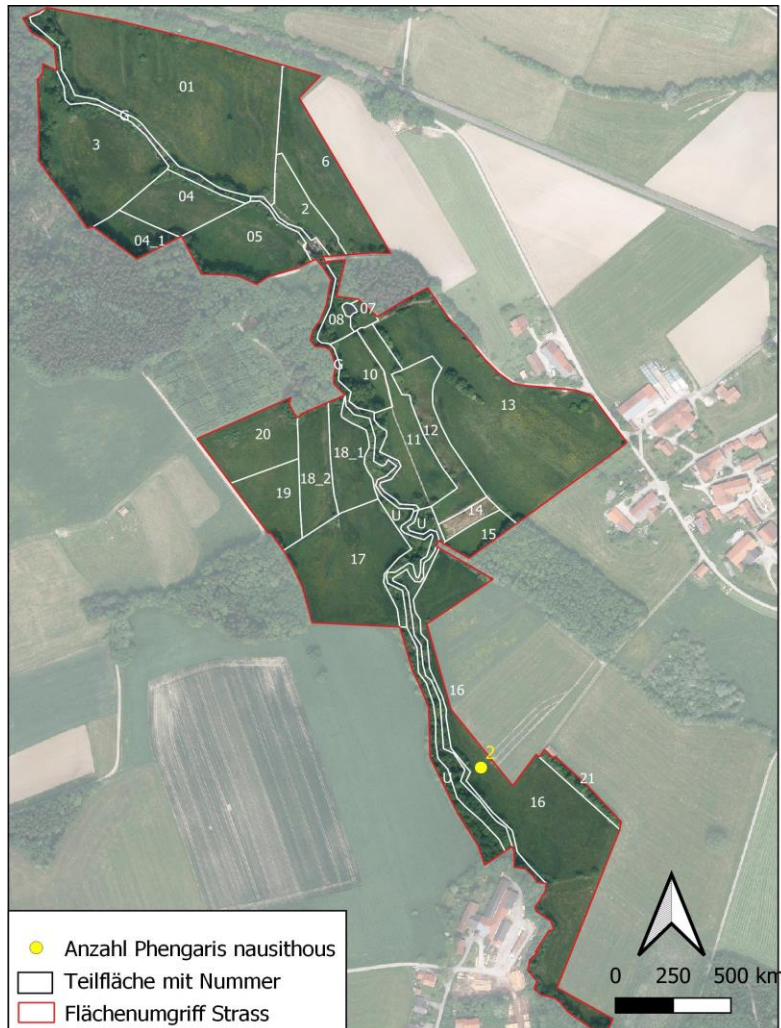
Phengaris teleius 2022 in Strass



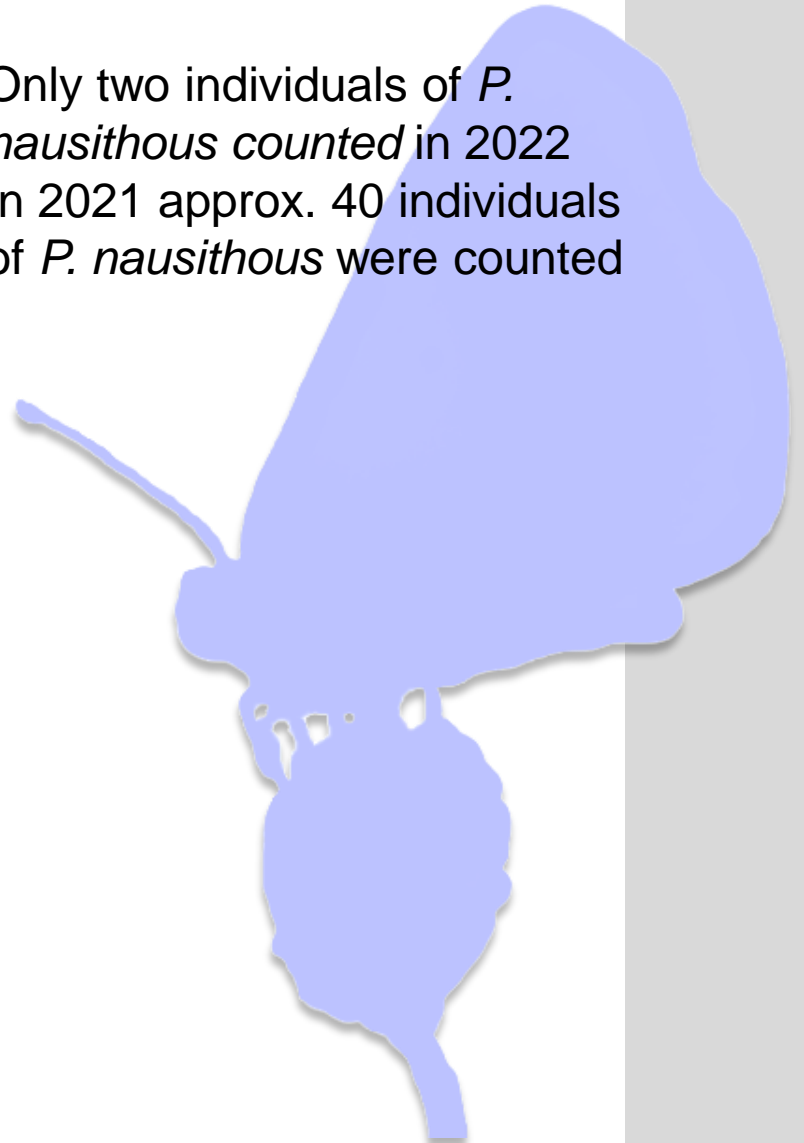
- More than 250 individuals of *P. teleius* counted in 2022
- In 2021 also more than 150 individuals of *P. teleius* were counted



Phengaris nausithous 2022 in Strass



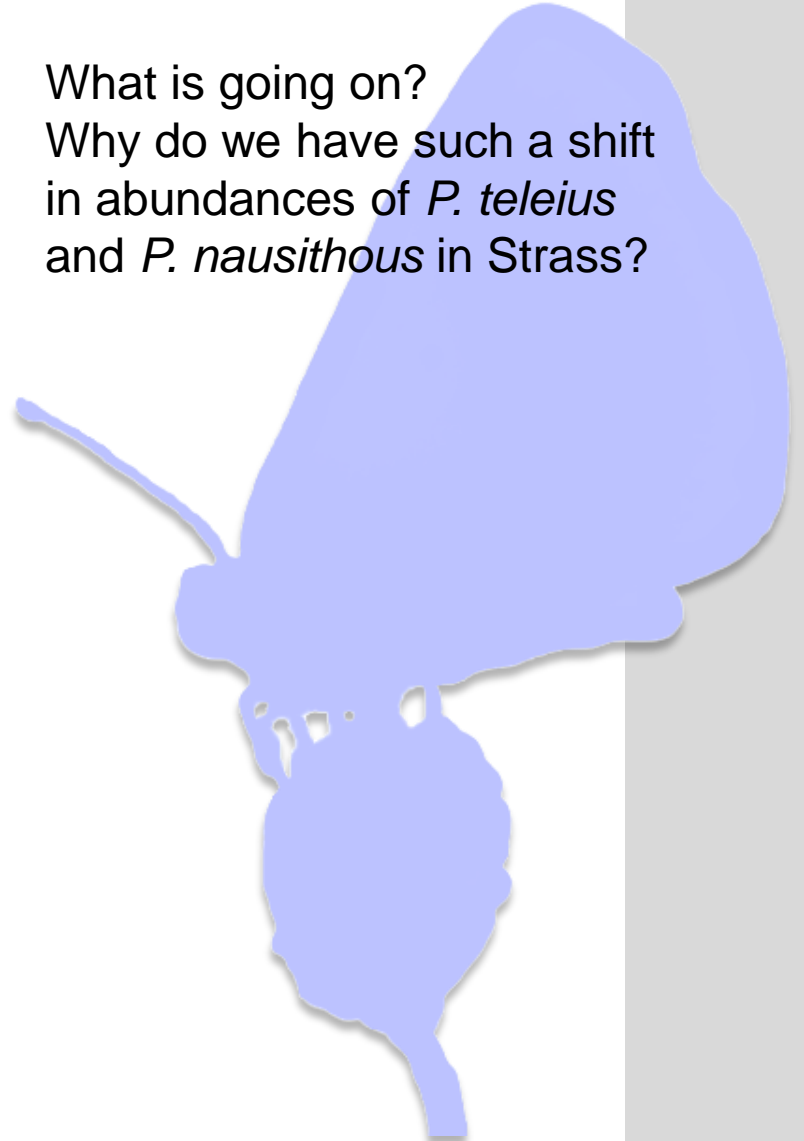
- Only two individuals of *P. nausithous* counted in 2022
- In 2021 approx. 40 individuals of *P. nausithous* were counted



Phengaris teleius 2022 in Strass



- What is going on?
- Why do we have such a shift in abundances of *P. teleius* and *P. nausithous* in Strass?



Phengaris teleius 2022 in Strass



- In 2023 a close look regarding the densities of host ant species.
- Is it a Strass specific phenomenon or a large scale development?

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Pan-European Management of Butterflies of the Habitats' Directive (FFH)



17 th - 19 th October 2001 in Laufen, Germany

With lectures by:

J. Thomas, UK
C. Van Swaay, Netherlands
Z. Varga, Hungary
M. Munguira, Spain
M. Nieminen, Finnland
K. Fiedler, Germany

M. Hochberg, France
H.J. Poethke, Germany
K. Boomsma, Denmark
H. Descimon, France
Z. Witkowski, Poland

and many others ...

Past and Present Situation, EU Policies / Programmes,
Endangered Species, Conservation Strategies, Protected Areas,
Ecology, Habitat, Life History, Case Studies, Monitoring,
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