

Butterfly Monitoring Germany – the first six years



International Symposium; Future of Butterflies in Europe III

29th to 31st of March 2012, Wageningen

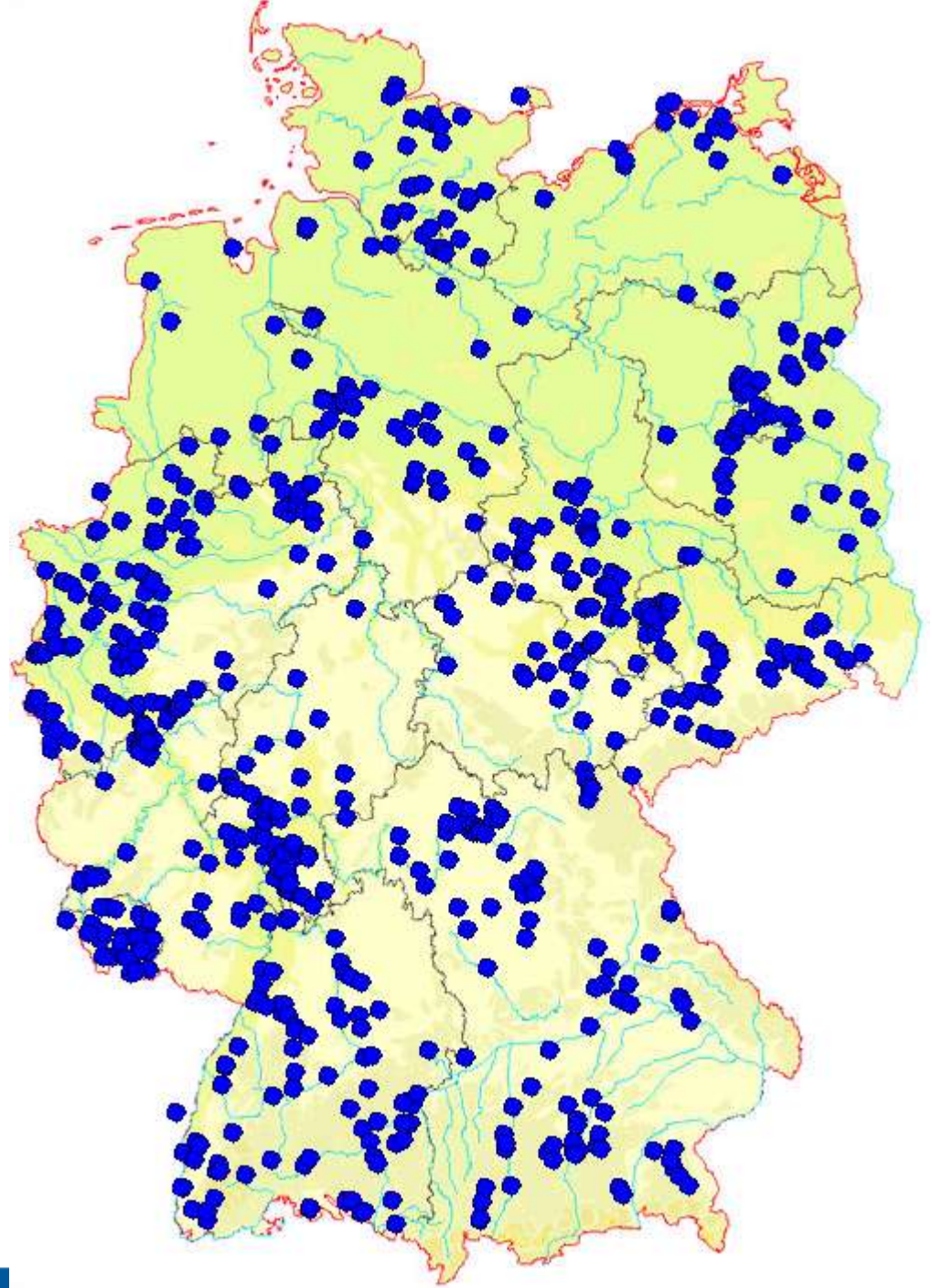
Elisabeth Kühn, Alexander Harpke, Norbert Hirneisen, Reinart Feldmann,
Martin Musche and Josef Settele

Distribution of transects

(February 2012)



Foto: Steffen Zacharias



- About 700 transects set up all over Germany since 2005
- 100 transect from Northrhine-Westphalia (not yet included in the database)
- Data from 300-400 transects per year

Foto: Elisabeth Rieger



Report 2010

Data from...

- 322 transects
on 2.762 sections (50 m)
→ 167.203 individuals
were counted

Jahresbericht 2010

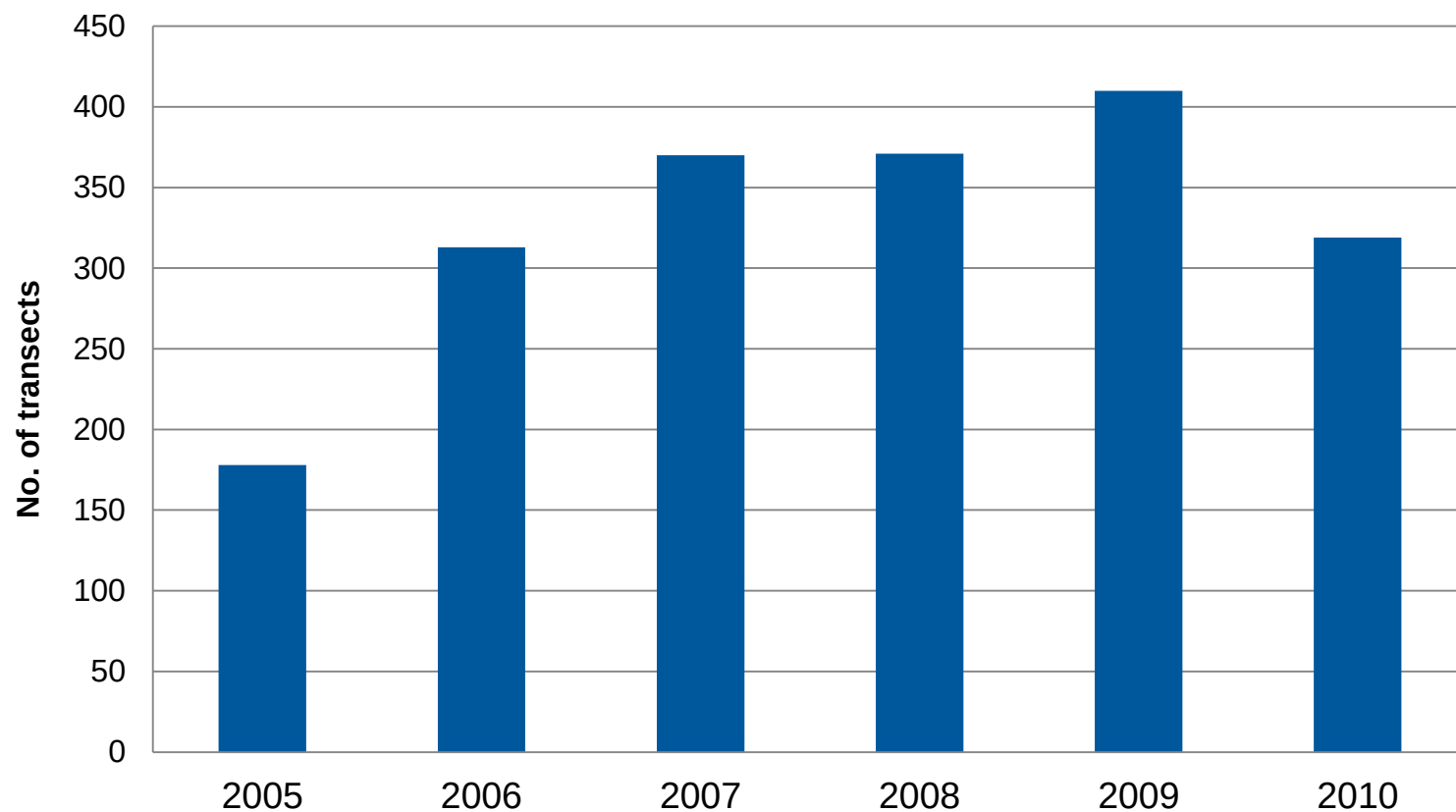
Neuigkeiten 2011

(Bearbeitung: Elisabeth Kühn, Alexander Harpke, Martin Musche, Reinart Feldmann, Norbert Hirneisen)



Foto: C-Falter (*Nymphalis c-album*) von Joachim Müncheberg, Berlin

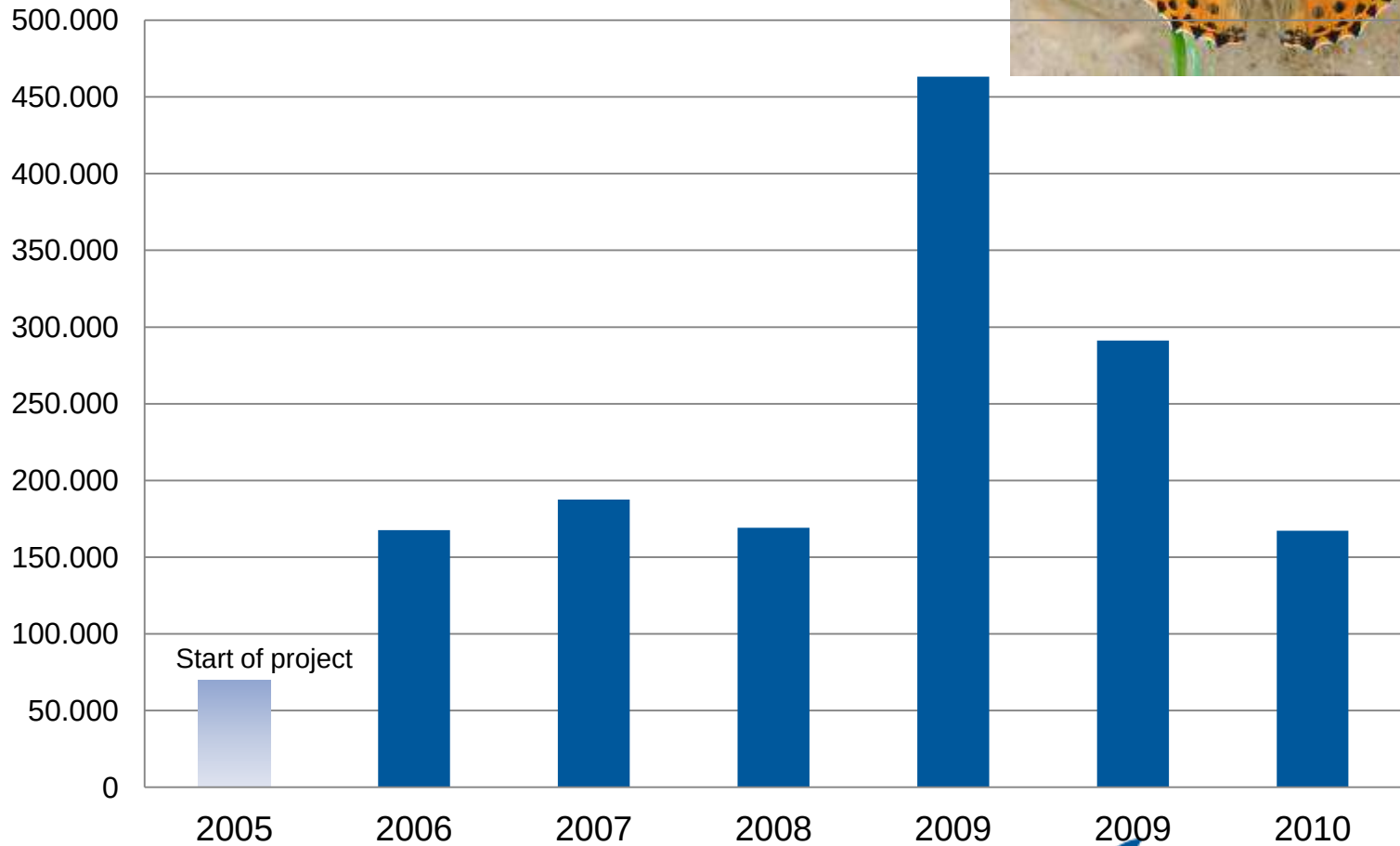
No. of transects per year



No. of individuals counted



No. of individuals



Data entry online

- Only 1/3 of all transect walkers enter their data online
- 2/3 send data to UFZ (via email or on paper)
- 1/3 does not have access to internet

Foto: Aldegund Arenz



Transektgang-Erfassung

Neuen Fund melden

Wer? **Verantwortlicher Melder*** **Elisabeth Kühn**
 Erfasser

Wo? **Transekt*** Bitte wählen Sie hier den besuchten Transekt aus der Liste:

Mit wem ? Beobachter/
 Begleitpersonen

Wann? **Datum*** Uhrzeit von bis
 Begehungsumstände Wind Bewölkung Temperatur
☐ Begehung ohne Faltersichtung (Null-Begehung)

Zusatz Bemerkungen zur Begehung **Bemerkungsfeld einblenden**
 Foto zur Begehung **Fotobelege**

Was? **Falterart***
 ungelistete Falterart

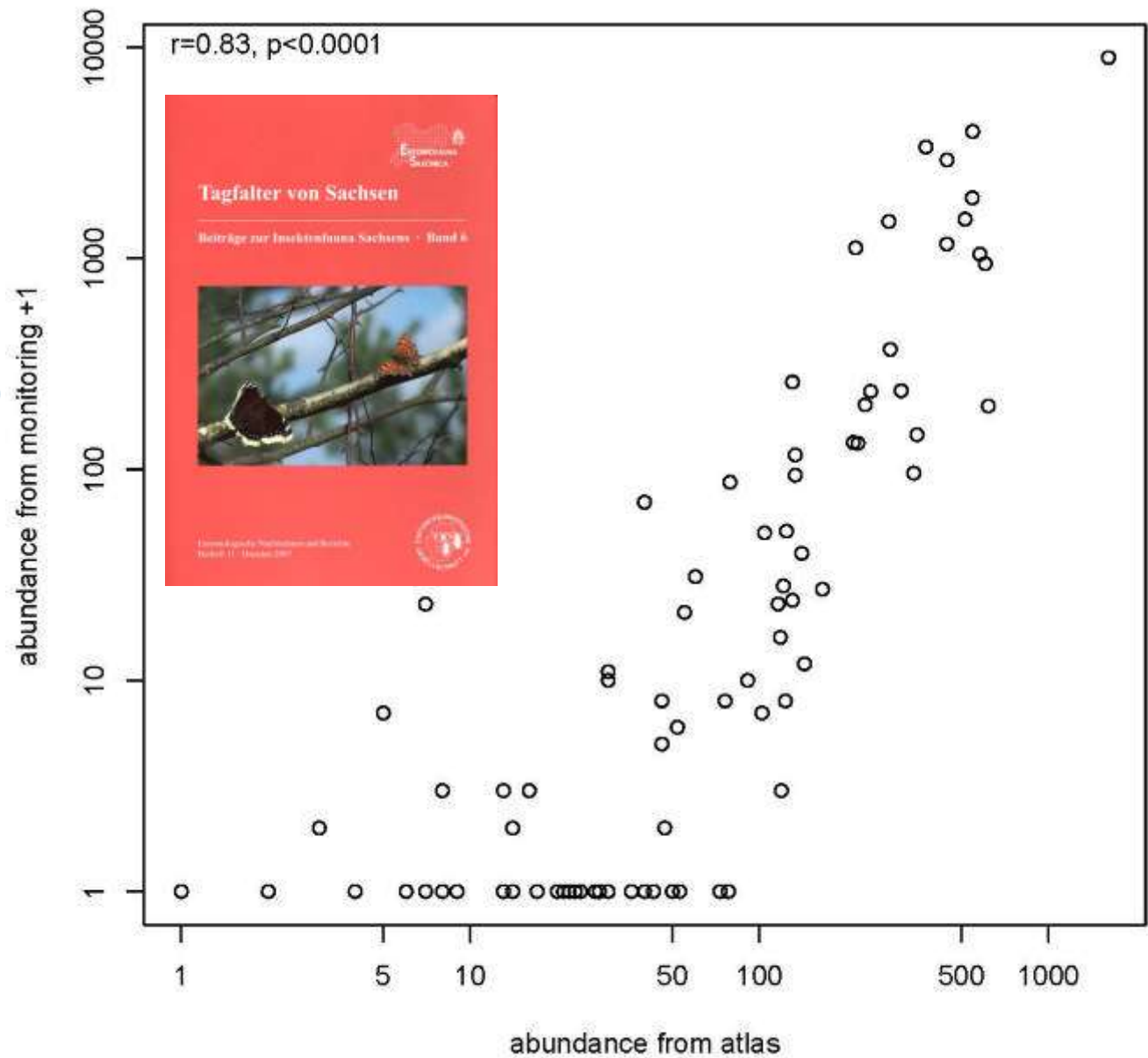
Wieviel? **Erfassungstabelle Transektabschnitte-** Abschnittanzahl: 10

Abschnitt	Tiere ohne Geschlechtsbestimmung	♂	♀	Puppen	Raupen	Eier	Bemerkung/Belegfoto
ausserhalb	0	0	0	0	0	0	[+]
1	0	0	0	0	0	0	[+]
2	0	0	0	0	0	0	[+]
3	0	0	0	0	0	0	[+]
4	0	0	0	0	0	0	[+]
5	0	0	0	0	0	0	[+]
6	0	0	0	0	0	0	[+]
7	0	0	0	0	0	0	[+]
8	0	0	0	0	0	0	[+]
9	0	0	0	0	0	0	[+]
10	0	0	0	0	0	0	[+]

Comparison of butterfly counts for

a) „Tagfalter von
Sachsen“
(Butterflies of Saxony)

b) Tagfalter-
Monitoring
Sachsen
(Butterfly Monitoring
Saxony)

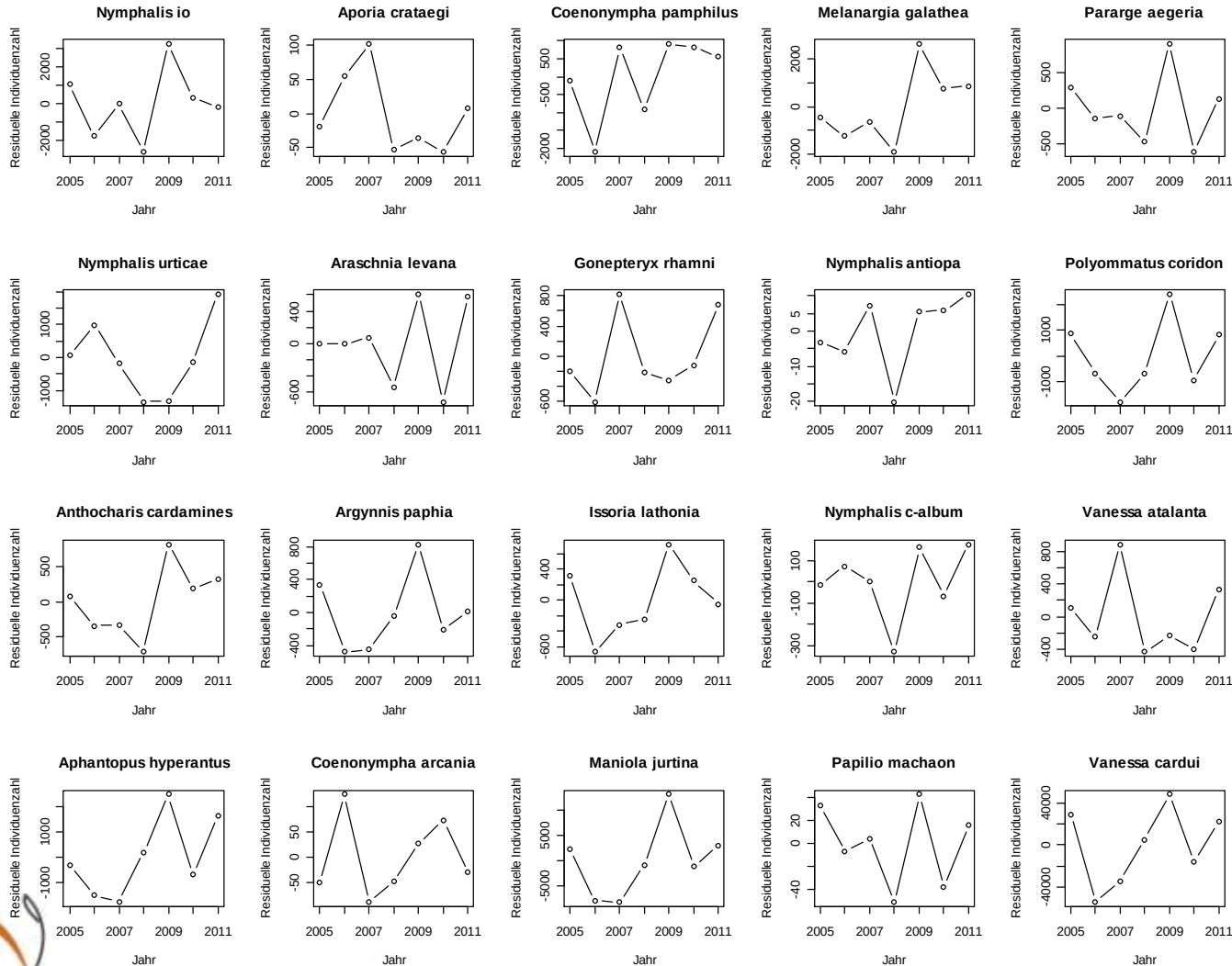


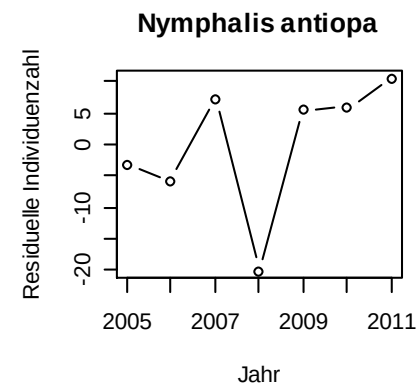
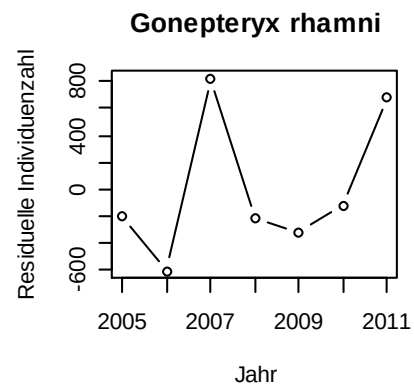
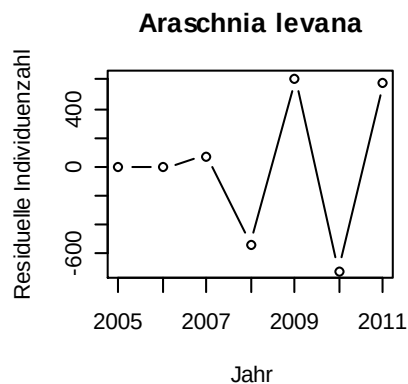
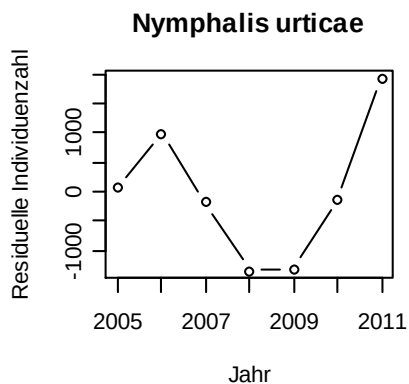
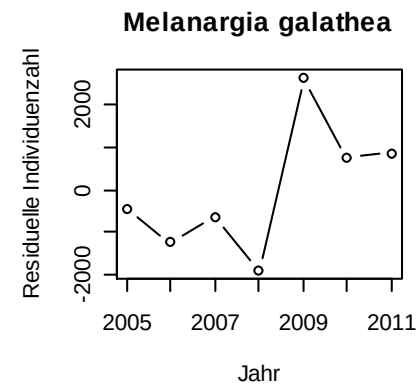
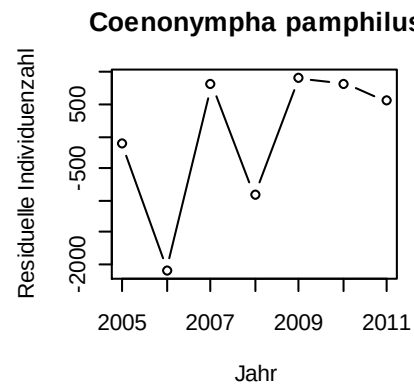
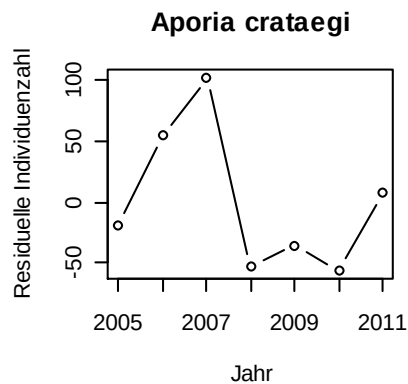
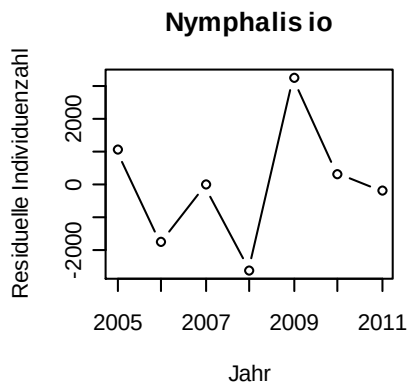
Data quality

- Data entry without quality check
- State coordinators (volunteers!) check data for their state → first set will be finished this year
- Data will be classified (correct, doubtful, incorrect)



First analysis for 20 species that are easy to detect





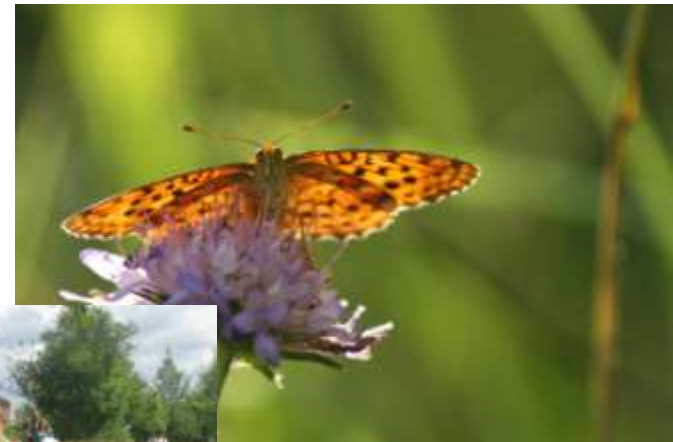
TMD Junior-Camp 2011

Bliesgau



TMD Junior-Camp 2012 in Hormersdorf (Erzgebirge)

29. June - 1. July 2012



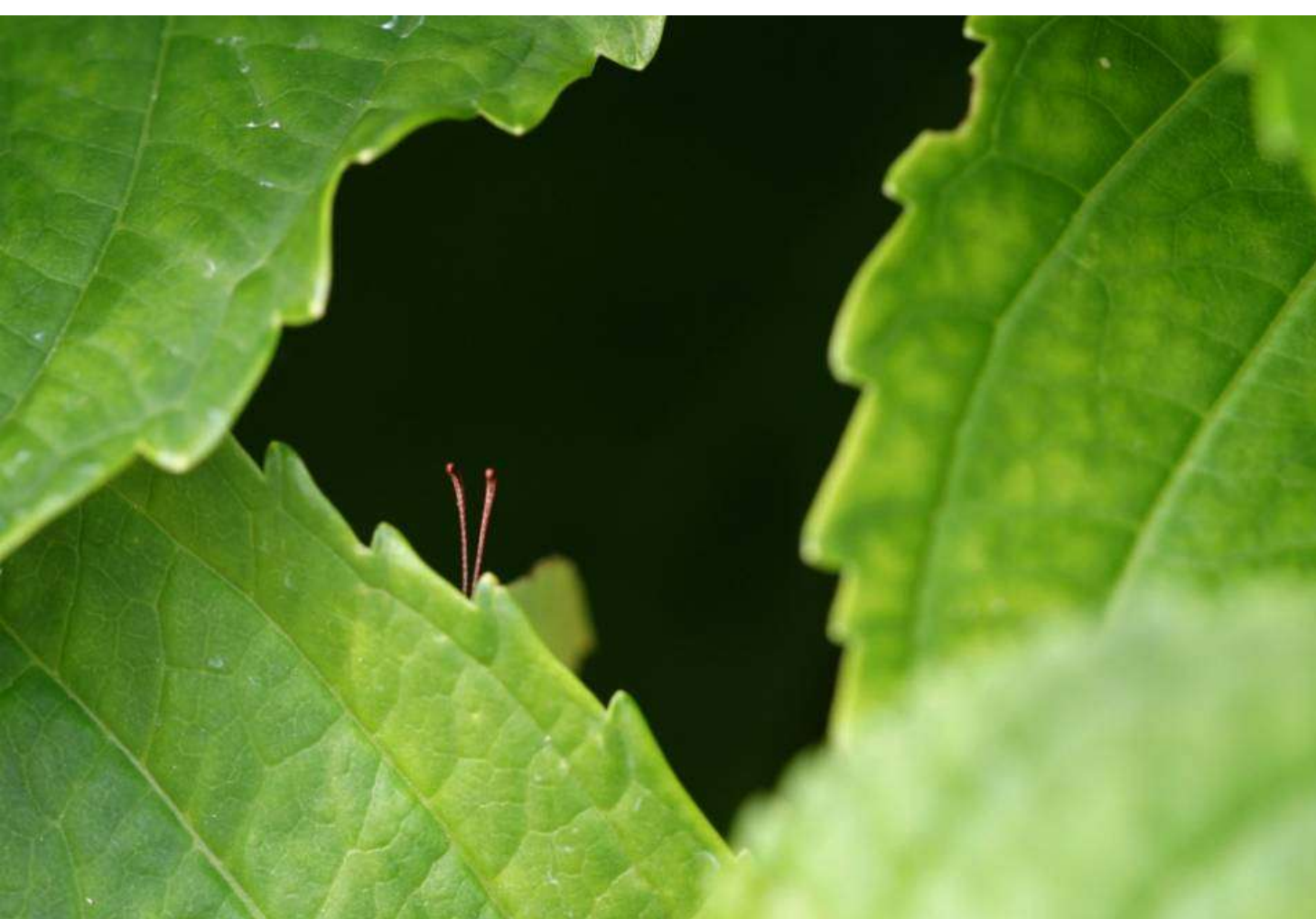


Foto: Jutta Luft

Thank you!

