

## Syrphidae Sweden 2005



- Red List 2005
- Flugfällan = fly trap
- Province catalogue of the century version 2000-2004

Hans Bartsch, Leiden, september 2005

## The Swedish Flora & Fauna Encyclopedia Volume Syrphidae

Third International Symposium  
on the Syrphidae  
Leiden, September 2005  
Hans Bartsch

Hans Bartsch, Leiden, september 2005

## The Swedish Species Projekt

- 50 000 multicellular species in Sweden
- Improve knowledge and handling of Swedish nature
- Decided by the Swedish parliament
- In the footsteps of Carl von Linné
- Project management & publishing by ArtDatabanken (Swedish Species Information Centre)

Hans Bartsch, Leiden, september 2005

## The Swedish Species Projekt

- Inventory project with Malaise traps
- Upgrading Museum collections
- Research project grants & fundings
- More biology students, doctors, appointments

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## National Key



- Volumes 2005
  - Butterflies, 140 species
  - Myriapoda, 94 species
  - Mosses, Bryopocida 1, 280 species

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## Butterflies

- First Published



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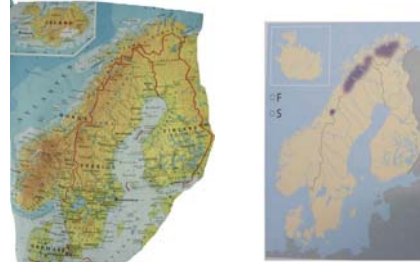
## Butterflies

- Keys in Swedish and English



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## Butterflies-Distribution maps



+ Fåröarna  
+ Svalbard

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## Butterflies - Key facts in English

NAMNGIVNING *Anasimyia contracta* Claussen & Torp, 1980. Mitt. Zool. Mus. Univ. Kiel. 1:4. *Contracta* (lat.) – sammmandragen.

KEY FACTS 7–11 mm. A slender, dark species with paired grey to yellow, hook-shaped markings on the abdomen. Second segment of abdomen slender, forming a “waist”, most prominent in female. Separated from its close relative, the slightly bigger *A. transfuga* only in the 1980's. Placement of pale markings on second tergite differ slightly, and the waist is more prominent than in *A. transfuga*, especially in the female. Male with a small, bladder-shaped projection, not found in *A. transfuga* males. – Found along ditches, ponds and lakes with nutrient rich water.

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## Butterflies

- Price: 280 SEK= ca 27 Euro + postage
- [www.nationalnyckeln.se](http://www.nationalnyckeln.se)



Far from the cost!

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## National Key



- Volumes 2006
  - Mosses, Bryopocida 2, 250 species
  - Micro-moths 380 species
  - Sphingidae etc 140 species

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## National Key



- Volumes 2007++
  - Syrphidae, 400 species
  - Tachinidae 300 species
  - Fungi, 320+400+240 sp.
  - Bees 1, 300 species
  - Beetels, 115 + 400 species
  - Ants, wasps etc 300 species
  - etc etc

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## National Key



- More than 100 volumes
- in 20 years

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## Syrphidae - My scope

### Information & texts

- Syrphidae general
- Species accounts
- Keys
- Maps: information & check
- Illustrations: information & check
- Check list & Province catalogue
- Litterature



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## Syrphidae - My scope



- Interest early 2002
- Started october 2002
- Now
  - 90 % species accounts & keys
  - 90% draft maps
  - key & detail illustration tests

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## Syrphidae - Illustrations



- Habitat illustrations
  - Elizabeth Binkiewicz
  - Torbjörn Östman
- Detail illustrations
  - Anna Nordin
- Key illustrations
  - testing

Hans Bartsch, Leiden, september 2005

## Syrphidae - The year to come



- Questions
- Updating
- Checking
- Remaining illustrations
- Distribution map production
- etc etc etc etc

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## Syrphidae - Reflections so far



- Challenge
- Lot of learning
- Lot of fun
- Hard work
- Problem solving
- Thanks for all support
- A ticket to read nature

Hans Bartsch, Leiden, september 2005