

An annotated checklist of the Dutch tachinid flies (Diptera: Tachinidae)*

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Abstract: A checklist of the Dutch tachinid flies is presented, based on a re-examination of all available material. Altogether 316 species are listed for The Netherlands, of which 111 are recorded here for the first time.

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Introduction

The family of tachinid flies (Diptera: Tachinidae) is a large family of flies whose larvae live as internal parasites in insects and centipedes (Herting, 1960). The species of tachinid flies are often not easily separated and therefore the family has got little attention in The Netherlands. Up till now, the most complete checklist of the Dutch Tachinidae has been published by De Meijere in 1939 as part of his "Naamlijst van Nederlandse Diptera".

Since then, much new material has been collected in The Netherlands, not only by hand, but the last ten years also quite a lot with malaisetraps. The vast majority of this material has remained unpublished. Moreover, a critical revision of the older material was badly wanted, given the progress in tachinid taxonomy due to Mesnil, Herting and others.

In this article I provide a new checklist of the Dutch Tachinidae. This checklist is based on a critical review of all the material present in the major Dutch collections. All the species mentioned in the checklist have actually been seen by me. Altogether 316 species of tachinid flies are listed as Dutch, of which 111 species are new for the Dutch fauna. Species new for The Netherlands have been annotated with information on localities and dates of captures.

History of the study of Tachinidae in The Netherlands

F. M. van der Wulp may be called the first specialist of Dutch tachinid flies. He did study the family in the second half of the 19th century, although his interest in Dutch Tachinidae diminished significantly after 1875. He has collected many tachinid flies, especially around Den Haag. Only part of his collection has been conserved, most of it in rather bad condition. Fortunately, Van der Wulp has left a manuscript in which he has described all species present in his collection. This manuscript is still present in the library of the Nederlandse Entomologische Vereniging in Amsterdam. At the end of his career Van der Wulp published a checklist of Dutch Diptera, together with his student J. C. H. de Meijere (Van der Wulp & De Meijere, 1898).

A fine collection in good shape from the same period is that of J. G. de Man, now in the Zoölogisch Museum, Amsterdam. De Man did work for a short time (1883-1893) but quite intensively on Tachinidae, especially on Walcheren and at Dinther.

In the beginning of this century J. C. H. de Meijere succeeded Van der Wulp as leading dipterologist and published six supplements to the checklist of 1898. His work resulted in a new checklist, the Naamlijst van Nederlandse Diptera (De Meijere, 1939). De Meijere has collected a large number of tachinid flies, especially in the beginning of this century. His

* To Bob van Aartsen and Volkert van der Goot.

material is the basis of the collection of Dutch tachinid flies of the Zoölogisch Museum in Amsterdam.

The checklist of 1939 marks the beginning of thirty years of little work on Tachinidae in The Netherlands. At the Laboratorium voor Entomologie of the former Landbouwhogeschool in Wageningen some host-studies have been carried out, for instance on *Brachyderes* by De Fluiter (1933, 1934), on *Bupalus* by Klomp (1956, 1958) and Herrebout (1969) and on *Diprion* by Franssen (1937) and Donker and Luitjes (1961).

Only in the late sixties W. J. Kabos, a former student of De Meijere, started working integrally on Dutch Tachinidae again. This resulted in a monograph on Dutch Tachinidae (Kabos, 1974), which contained only a few new species. For reasons unclear to me, Kabos omitted many species already correctly included in the list of De Meijere (1939). Kabos listed 156 species, whereas De Meijere (1939) had already listed 187 species as Dutch!

The work of Kabos encouraged a new generation of dipterologists to study tachinid flies. J. Bax worked only a few years (1971-1975) on Tachinidae, but did so very intensively. Most of his material, now in the Zoölogisch Museum, Amsterdam, has been collected around Amsterdam and at Hoog Soeren. W. Verhaak collected tachinids in Noord-Brabant, and Ph. Pronk, J. Delfos and others collected intensively in the dune-area around Wassenaar. But most importantly, Kabos made B. van Aartsen enthusiastic for Tachinidae in the late sixties. Still very active, Mr. Van Aartsen has been collecting Tachinidae all over the country for thirty years, of which the last fifteen years very intensively. On his own, he has collected nearly 40% of all Dutch Tachinidae (more than 8000 specimens), thus contributing in a major way to this new checklist.

In 1982 L. E. N. Sijstermans started to reexamine the Dutch Tachinidae. He did not only find many new species in the recently collected material, but also found some new ones in the old material. Unfortunately, he could not complete this enormous task. Therefore, many of his discoveries remained unpublished.

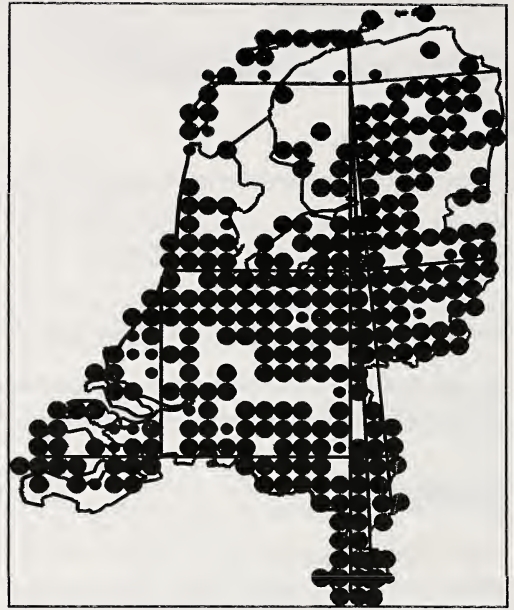


Fig. 1. Distribution of records of Tachinidae in The Netherlands. Small dots: records before 1960 only; large dots: (also) records since 1960.

Ten years later a popular key to the larger tachinid flies of The Netherlands appeared from my hand (Zeegers, 1992). In this key 20 species have been mentioned as Dutch for the first time, mainly based on the collection of the Zoölogisch Museum in Amsterdam. However, no information was given about localities and dates of captures. This key did make some younger dipterologists enthusiastic for the Tachinidae, resulting in much interesting material from the last years. Especially H. de Jong and J. T. Smit jr. caught several new species for the Dutch fauna.

Material and methods

In order to make a critical new checklist, I have reexamined all the material available in the larger Dutch collections, both public and private ones. All material seen before December 31th, 1996, has been included in this survey. The following collections have been seen, introducing the abbreviations used throughout this article.

BvA: B. van Aartsen, 't Harde; HdJ: H. de Jong, Amsterdam; IBN: Instituut voor Bos- en

Natuuronderzoek, both localities Wageningen ("de Dorschkamp") and Arnhem (including the former collection of I.T.B.O.N.); JTS: J.T. Smit jr., Utrecht; LEW: Laboratorium voor Entomologie, Wageningen; MEC: Milieu Educatie Centrum, Eindhoven (coll. Verhaak); NNM: Nationaal Natuurhistorisch Museum, Leiden; PD: Plantenziektenkundige Dienst, Wageningen; SchK: Proefboerderij De Schuilenberg, Kesteren; ThZ: Th. Zeegers, Enschede; ZMA: Zoölogisch Museum, Amsterdam (including the collections of De Man, De Meijere, Kabos and Bax). Also some small private collections have been seen partly or completely.

All the tachinid flies in the above mentioned collections have been determined by the author in 1995 and 1996. The material has been identified using the keys of Tschorsnig & Herting (1994) and Mesnil (1944-1975). Information on locality and date of capture, collector and host (if a specimen has been reared) has been stored in a computerized database (Faunist, developed by M. van Veen). Altogether more than 11,000 records based on more than 20,000 specimens have been stored. The distribution of the records over the country and the years is depicted in fig. 1 and 2.

All specimens seen have been labelled with their name, followed by the line "det Th.

Zeegers, 1995" or "det Th. Zeegers, 1996". However, specimens already correctly labelled by L. E. N. Sijstermans have not been re-labelled.

Information included in the checklist

In this checklist the following information is given for each species:

- Scientific name according to the checklist by Herting (1984);
- Reference to the checklist by De Meijere (1939) or other publications;
- "fauna spec. nov." when the species had not been published correctly as Dutch before;
- Localities, dates and hosts (when reared) of the new Dutch species;
- Notes.

For the names of genera and species in this checklist I have followed Herting (1984). Only in the genus *Siphona* it is necessary to deviate from this checklist and follow the very recent review by Andersen (1996). However, I have only incorporated those changes in names that are inevitable, i.e. which are associated with a change in taxonomic status. In these cases, a reference has been made to the name used by Herting (1984).

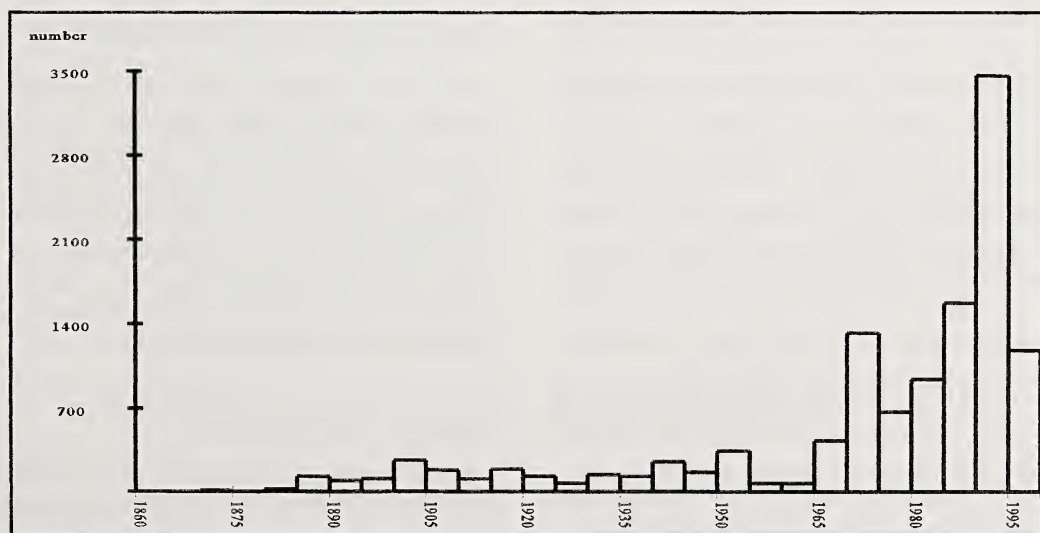


Fig 2. Distribution of records of Dutch Tachinidae over the years 1860 - 1996, per decade.

After the species' name reference has been made to the checklist by De Meijere if the presence of the species on this checklist proved to be correctly. In cases in which the species had been listed by De Meijere (1939) under another specific name, "(syn.)" is added. The reader can find a cross-reference between the checklist of 1939 and this checklist in Appendix 3. If the species has correctly been published as Dutch only in another publication, reference to this other publication is given. Unless otherwise stated, at least part of the material on which these publications were based is checked in this survey. If not, the remark "(not seen)" is added to the reference. Species which have not or only incorrectly been published as Dutch before are indicated with "fauna spec. nov." Finally, species incorrectly published as Dutch by De Meijere (1939) or later authors are listed in Appendix 2.

For all species new for the Dutch fauna the distribution and period of flight is given under "Localities" and "Dates" respectively. The same has been done in the case of species which had been published without any additional information, for instance by Kabos (1974) or Zeegers (1992). If the records in the literature could not be verified, distribution and period of flight are given under "New localities". All records are listed, when the number of records does not exceed ten, and ordered geographically. The province in which a site is located is indicated using the following abbreviations: Gr.: Groningen, Fr.: Friesland, Dr.: Drenthe, Ov.: Overijssel, Ge.: Gelderland, Ut.: Utrecht, Fl.: Flevoland, NH.: Noord-Holland, ZH.: Zuid-Holland, Ze.: Zeeland, NB.: Noord-Brabant, Li.: Limburg and ?: unclear (due to ambiguity of locality name). Reared specimens have been indicated as such and the host has been mentioned when known. Some host records are made for the first time.

For species with more than ten records the distribution and period of flight is summarized. The number of records and caught specimen is given after "Localities."; the period of flight in decades (reared specimen being excluded) and the year of the oldest record after

"Dates:". Hosts are given in cases of reared specimen after "Hosts:".

The collection in which the specimen is located is indicated using the abbreviations introduced above. Also the collector, if known, is given after "leg.", either in full name or using the abbreviation for the collection.

Records doubtfully from The Netherlands

One often encounters incomplete information on labels, such as incomplete dates or unknown or ambiguous names of localities. A special problem are those flies with labels reading only "Nederland" or "Nederland, de Meijere". These specimens have been transferred from the very old collection of the Nederlandse Entomologische Vereniging (N.E.V. collection) to the collection of the museum in Amsterdam by De Meijere (see De Meijere, 1928). However, De Meijere did not tell why he considered these specimens Dutch. Their real origin remains uncertain. Similar problems exist with specimens without labels in the Dutch collection of the museum in Amsterdam. Species only known as Dutch from such incompleted labelled material have not been included as Dutch in this checklist. In Appendix 1 a list of all doubtfully Dutch species is presented.

Type specimens from Dutch origin

Altogether six species of tachinids have been described after Dutch material, all by Van der Wulp (1869). Original material from five of these six species is still present in the Dutch collections. Only the type specimen of *Thryptocera prasinanae* Van der Wulp (= *Bactromyia aurulenta* (Meigen) according to Herting (1984)) could not be traced. A short description of the other type material follows.

Plagia aurifluae Van der Wulp, 1869
(= *Hyleorus elatus* (Meigen))

Holotype present in ZMA, but in very bad condition (only head, legs and left-wing present).

Plagia impressa Van der Wulp, 1869
(= *Athrycia impressa* (Van der Wulp))
Two syntypes in ZMA, 1 ♂ from Beekhuizen in very good condition; 1 ♂ from Den Haag in bad condition (abdomen and legs missing).

Germaria sabolusa Van der Wulp, 1869
(= *Germaria angustata* (Zetterstedt))
One syntype present in ZMA, but in very bad condition (only thorax and wings left). Two other specimens in ZMA may also belong to the type series.

Ammobia glabriventris Van der Wulp, 1869
(= *Chaetogena acuminata* Rondani))
Two probable syntypes in ZMA.

Stylomyia punctulata Van der Wulp, 1869
(= *Rondania dispar* (Dufour))
The holotype (♀) in ZMA (abdomen and right legs missing).

How complete is this checklist?

In this checklist 316 species are listed as Dutch, of which 111 are recorded for the first time. Even in the last year (1996) four new species have been caught. Therefore, still more new species can be expected in the next years.

The Dutch fauna seems to be surprisingly rich, compared with the surrounding countries. Recent checklists for neighbouring regions of similar area are available for Niedersachsen and Nordrhein-Westfalen in Germany (Tschorsnig & Herting, 1994) and the Midlands and South England (Belshaw, 1993). Although these regions are at least as large as The Netherlands and also well studied, the number of species in The Netherlands is much higher (table 1). The situation for Belgium is less clear. The recent checklist by Gosseries & Wyatt (1991) is not based on a critical review of the material. The number of species correctly recorded for Belgium is estimated by me to be 240. The real number of Belgian species is bound to be much higher, even much higher than the Dutch number.

Altogether 68 species occur in one or more

Table 1. Number of species and unique species of Tachnidae for The Neterlands and five neighbouring regions.

Region	Number of species	Number of unique species
Netherlands	316	27
Niedersachsen	185	4
Nordrhein-Westfalen	242	14
Belgium	240	13
England, Midlands	158	2
England, south	232	9

of the five neighbouring regions but not in The Netherlands. Obviously, these species are possibly to be found in The Netherlands in the future. On the other hand, 27 species on the present list have not been found in any of the neighbouring regions. The number of unique species in each region is shown in table 1. Again, it becomes clear that the Dutch fauna is surprisingly rich.

Reading guide to the checklist

In this checklist the species are divided into subfamilies and ordered alphabetically. Following Mesnil (1944-1975) I distinguish the following five subfamilies: Dexiinae, Exoristinae, Goniinae, Phasiinae and Tachininae. The tribe Ethillini has been included in the subfamily Exoristinae, in accordance with the final opinion of Mesnil (l.c., p. 882). For practical reasons I did not follow more recent authors (for instance, Tschornsig & Herting, 1994), who fuse the subfamilies Exoristinae and Goniinae into one large Exoristinae s.l.

The names of the lepidopterous hosts have been taken from Lempke (1976), those of the Coleoptera from Brakman (1966) and those of the Symphyta from Van Ooststroom (1976).

ANNOTATED CHECKLIST OF THE DUTCH TACHINIDAE

Subfamily Dexiinae

- 1. *Athrycia curvinervis* (Zetterstedt): Zeegers (1992)

Localities: 12 records from 10 localities (fig. 3). Dates: Period of flight b.vii - b.ix; oldest record from 19th century. Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898): specimen mentioned belongs to *Athrycia trepida* (coll. ZMA).

**2. *Athrycia impressa* (Van der Wulp):
Van der Wulp & De Meijere (1898)**

Notes: Not published in De Meijere (1939) (omission ?).

**3. *Athrycia trepida* (Meigen): De Meijere
(1939)**

**4. *Billaea irrorata* (Meigen): fauna spec.
nov.**

Localities: Ge.: Ede, reared ex *Saperda populnea* (Linnaeus), 1 ♂, 1 ♀, 14.vi.1965; 1 ♂, 24.vi.1965, leg. I.T.B.O.N. (coll. IBN).

**5. *Blepharomyia angustifrons* Herting:
De Meijere (1939) (syn.)**

**6. *Blepharomyia pagana* (Meigen): fauna
spec. nov.**

Localities: 19 records from 9 localities (fig. 4). Dates: Period of flight e.iv - e.v, once b.vii; oldest record from 1984.

Notes: Incorrectly published as Dutch by De Meijere (1907): specimens belong to *Blepharomyia angustifrons* (coll. ZMA); see also De Meijere (1935).

**7. *Blepharomyia piliceps* (Zetterstedt):
fauna spec. nov.**

Localities: Ge.: Hoog Soeren, 1 ♂, 7.v.1972, leg. Bax (coll. ZMA); Tongeren, 1 ♀, 5.v.1995, leg. BvA (coll. BvA).

**8. *Campylochaeta inepta* (Meigen): fauna
spec. nov.**

Localities: 17 records from 9 localities (fig. 5). Dates: Period of flight e.v - e.viii, possibly two generations yearly; oldest record from 1955.

Notes: Record by Herrebout (1962) seems unreliable since it has been based on larvae that did not pupate. Moreover, the given host (*Hyloicus pinastri* (Linnaeus)) is not typical for *C. inepta*.

**9. *Campylochaeta praecox* (Meigen): De
Meijere (1939)**

**10. *Cyrtophleba ruricola* (Meigen): Zeegers
(1992)**

Localities: Dr.: Papenvoort, 1 ♂ 30.iv.1993, leg. Witmond (coll. ThZ); Ge.: Nunspeet, 1 ♂, 31.vii.1984, leg. Simon Thomas (coll. ZMA); 't Harde, 1 ♂, 1.v.1993; 1 ♂, 6.v.1993, leg. BvA (coll. BvA); 1 ♂, 1.v.1993, leg. BvA (coll. ThZ).

**11. *Dexia rustica* (Fabricius): De Meijere
(1939)**

**12. *Dexia vacua* (Fallén): De Meijere
(1939)**

**13. *Dinera carinifrons* (Fallén): De Meijere
(1939)**

14. *Dinera ferina* (Fallén): De Meijere (1939)

**15. *Dinera grisescens* (Fallén): De Meijere
(1939)**

**16. *Dufouria chalybeata* (Meigen): De
Meijere (1939)**

**17. *Eriothrix argyreata* (Meigen): fauna
spec. nov.**

Localities: ZH.: Wassenaarse Slag near Wassenaar, 1 ♀, 21.ix.1965, leg. Pronk (coll. NNM).

**18. *Eriothrix prolixa* (Meigen): De Meijere
(1939)**

**19. *Eriothrix rufomaculata* (DeGeer): De
Meijere (1939)**

**20. *Estheria bohemani* (Rondani): Zeegers
(1992)**

Localities: NH.: Kortenhoef, 1 ♂, 2.vii.1917, leg. De Meijere; Castricum, 1 ♂, 1 ♀, 2.viii.1975, leg. Bax (coll. ZMA); Overveen, Middenduin, 3 ♀, 12.vii.1993, on *Heracleum spodylium* L., leg. ThZ; Kennemerduinen near Bloemendaal, 1 ♀, 3.viii.1996, leg. ThZ (coll. ThZ); ? : "Nederland", 2 ♂ (coll. ZMA).

Notes: Incorrectly published as Dutch by Kabos (1974): specimens mentioned belong to *Estheria cristata* (coll. ZMA).

21. *Estheria cristata* (Meigen): De Meijere (1939)

22. *Estheria petiolata* (Bonsdorff): Zeegers (1992)

Localities: Li.: Cadier, 1 ♀, 29.vii.1980, leg. BvA (coll. BvA).

23. *Estheria picta* (Meigen): fauna spec. nov.

Localities: Ge.: Rheden, Stikke Trui, 1 ♂, 10.viii.1996, leg. JTS (coll. JTS); Berg en Dal (near Nijmegen), 1 ♂ 3.viii.1967, leg. BvA; NH.: Bussum, 1 ♀, 3.viii.1919 (coll. ZMA); NB.: Cranendonk, 2 ♀, 2.ix.1987, leg. Langohr (coll. NNM); Li.: Venlo, 1 ♂, 25.vii.1994, leg. J. Smit sr.; Venlo, Grote Heide, 3 ♂, 18.viii.1996, leg. JTS (coll. JTS).

24. *Freraea gagatea* Robineau-Desvoidy: De Meijere (1939) (syn.)

25. *Hyleorus elatus* (Meigen): De Meijere (1939)

26. *Microsoma exiguum* (Meigen): De Meijere (1939)

27. *Periscepsia carbonaria* (Panzer): De Meijere (1939)

Notes: In De Meijere (1939) published as *Wagneria carbonaria* Panz. (not seen) and as *Wagneria nigrans* Mg. (coll. ZMA).

28. *Peteina erinaceus* (Fabricius): De Meijere (1939) (not seen)

New localities: NH.: Hilversum, 1 ♂, 1901; 1 ♀,

.vii.1901; 1 ♀, 7.vii.1928, leg. De Meijere; 1 ♂, 20.vii.1939, leg. Kabos; ? : "Nederland", 1 ♀, reared 4.vi.1901, leg. te Winkeldam, no indication of host (coll. ZMA).

Notes: The specimen mentioned by Van der Wulp & De Meijere (1898), from De Bilt, leg. Six, has been destroyed (only pin present in ZMA).

29. *Phyllomyia volvulus* (Fabricius): De Meijere (1939)

30. *Prosenia siberita* (Fabricius): De Meijere (1939)

31. *Ramonda latifrons* (Zetterstedt): De Meijere (1939)

32. *Ramonda prunaria* (Rondani): fauna spec. nov.

Localities: NH.: Santpoort, 1 ♂, 16.vi.1974, leg. Bax (coll. ZMA); ZH.: Kijfhoek near Wassenaar, 1 ♀, 2.ix.1958, leg. Van der Vecht; Oostvoorne, 1 ♂, 30.iv.1956 (coll. NNM); Li.: Venlo, 1 ♀, 15.ix.1982, leg. BvA; Sint Pietersberg, 1 ♀, 29.ix.1996, leg. BvA (coll. BvA).

33. *Ramonda prunicia* (Herting): fauna spec. nov.

Localities: Ge.: 't Harde, 1 ♀, 17.v.1989; 1 ♂, 15.v.1992, leg. BvA; Otterlo, 1 ♂, 22.iv.1977, leg. BvA; Nunspeet, 1 ♀, 15.v.1977; 1 ♀, 23.vii.1977; 2 ♂, 22.viii.1977 (coll. BvA); 1 ♀, 15.v.1989, leg. BvA (coll. ThZ).

34. *Ramonda spathulata* (Fallén): fauna spec. nov.

Localities: 32 records from 13 localities (fig. 6). Dates: Period of flight b.v - e.vi & b.viii - e.x; oldest record from 1974. Host: *Phlogophora meticulosa* (Linnaeus) (coll. JTS).

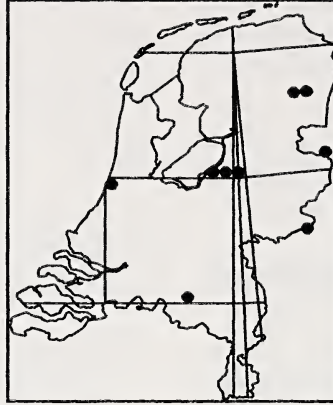
35. *Rondania dispar* (Dufour): De Meijere (1939)

36. *Rondania fasciata* (Macquart): fauna spec. nov.

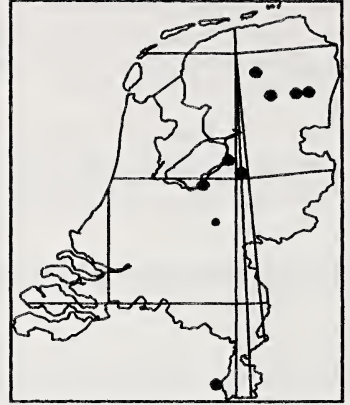
3. *Athrycia curvinervis*



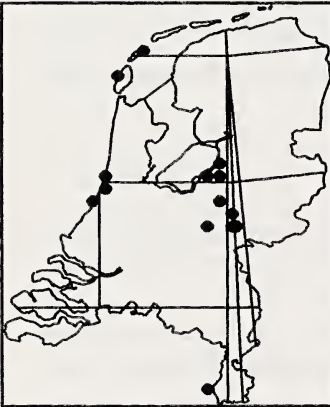
4. *Blepharomyia pagana*



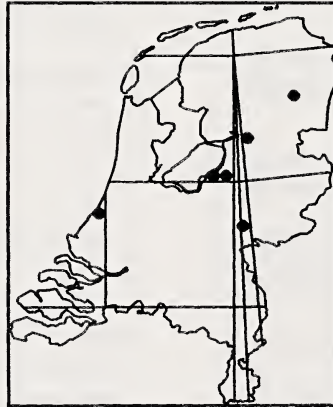
5. *Campylochaeta inepta*



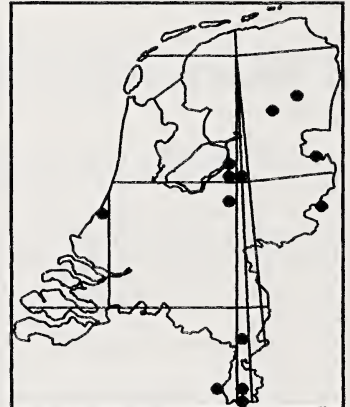
6. *Ramonda spathulata*



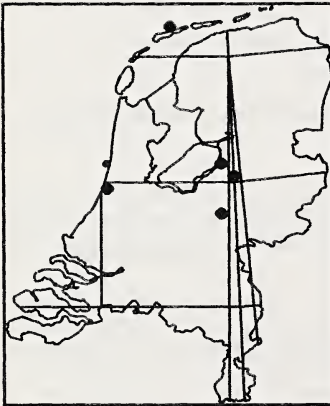
7. *Admontia grandicornis*



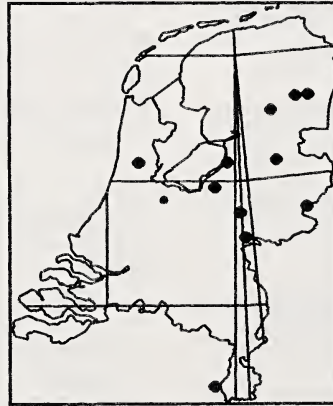
8. *Chaetogena fasciata*



9. *Chaetogena obliquata*



10. *Medina luctuosa*



11. *Bothria frontosa*

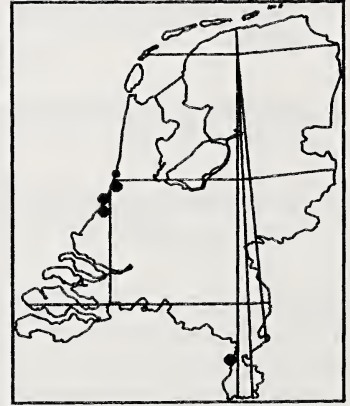


Fig. 3-11. Distribution of Tachinidae in The Netherlands. Small dots: records before 1960 only; large dots: (also) records since 1960.

Localities: Dr.: Borger, 2 ♂, 13.iv.1993; 1 ♂, 20.v.1993, leg. BvA (coll. BvA); 1 ♂, 2.v.1993, leg. BvA (coll. ThZ); Ge.: Kemperberg on Hoge Veluwe, 2 ♂, .v.1967 (coll. LEW); Tongeren, 1 ♂, 8.v.1995, leg. BvA; Li.: Sint Pietersberg, 1 ♂, 4.vi.1994, leg. BvA (coll. BvA).

**37. *Thelaira nigripes* (Fabricius):
De Meijere (1939)**

38. *Thelaira solivaga* (Harris): fauna spec. nov.

Localities: Ze.: Domburg, 1 ♂, .vi.1885, leg. De Man (coll. ZMA); Li.: Venlo, 1 ♂, 20.vii.1982, leg. BvA; Sint Pietersberg, 1 ♂, 5.viii.1986; 1 ♂, 8.viii.1986; 1 ♀, 4.viii.1988; 1 ♀, 11.viii.1988, leg. BvA; Vijlen, 1 ♂, 24.v.1995, leg. BvA (coll. BvA); Heerlen, 1 ♂, leg. Br. Arnoud (coll. ZMA).

**39. *Trixa caerulescens* Meigen:
De Meijere (1939) (syn.)**

Notes: Probably incorrectly published as *Trixa alpina* Meigen by Theowald (1953): not seen but *Trixa caerulescens* has been caught repeatedly at given locality (Li: Vijlen).

**40. *Trixa conspersa* (Harris): Zeegers
(1992)**

Trixa oestroidea (Robineau-Desvoidy): Verhaak (1972).

**41. *Voria ruralis* (Fallén): De Meijere
(1939)**

**42. *Wagneria gagatea* Robineau-Desvoidy:
fauna spec. nov.**

Localities: Li.: Cadier, 1 ♀, 21.v.1969 (coll. ZMA); 1 ♂, 1 ♀, 19.v.1977, leg. BvA; Terziet, 1 ♀, 29.v.1989, leg. BvA (coll. BvA); Savelsbos, 1 ♀, 25.v.1970, leg. Verhaak (coll. MEC).

Subfamily Exoristinae

**43. *Acemyia acuticornis* (Meigen):
De Meijere (1939)**

**44. *Admontia blanda* (Fallén): De Meijere
(1939)**

**45. *Admontia grandicornis* (Zetterstedt):
fauna spec. nov.**

Localities: 21 records from 6 localities (fig. 7). Dates: Period of flight b.vii - e.viii; oldest record from 1982.

**46. *Admontia maculisquama* (Zetterstedt):
fauna spec. nov.**

Localities: Ge.: Wichmond, 1 ♂, 3.vi.1985, leg. BvA; Tongeren, 1 ♀, 3.viii.1986, leg. BvA (coll. BvA); Rheden, Stikke Trui, 1 ♂, 23.vi.1994, leg. JTS (coll. JTS); Kotten near Winterswijk, 1 ♀, 30.vii.1987, leg. Blommers (coll. ZMA); Ut.: Amelisweerd near Utrecht, 1 ♀, 18.vi.1996, leg. JTS (coll. JTS); Grebbeberg, 1 ♀, 20.vi.1993, leg. ThZ (coll. ThZ); NH.: Heemstede, Leyduin, 1 ♀, 26.vi.1989, leg. HdJ; Overveen, Middenduin, 1 ♀, 5.vii.1995, leg. HdJ (coll. HdJ); Li.: Arcen, 1 ♀, 21.vii.1985, leg. BvA (coll. BvA).

**47. *Admontia seria* (Meigen): De Meijere
(1939)**

Trichoparia decorata (Zetterstedt): De Meijere (1939)

Notes: *Trichoparia decorata* has been first mentioned as Dutch by Stein (1924). Apparently De Meijere was not aware that his *seria* was identical with Stein's *decorata*.

**48. *Bessa parallela* (Meigen): Van der
Wulp & De Meijere (1898)**

Notes: Not published in De Meijere (1939) since incorrectly considered to be synonymous with *Bessa selecta* by De Meijere (1907).

**49. *Bessa selecta* (Meigen): De Meijere
(1939)**

50. *Blondelia inclusa* (Hartig): fauna spec. nov.

Localities: Ge.: Hoge Veluwe, 1 ♂, reared 16.xi.1970 ex *Diprion* spec.; NB.: Ospelse Peel, 1 ♂, reared 31.iii.1969 ex *Diprion pini* (Linnaeus), leg. I.T.B.O.N. (coll. IBN).

**51. *Blondelia nigripes* (Fallén): De Meijere
(1939)**

**52. *Blondelia piniariae* (Hartig):
Herrebout (1962)**

53. *Chaetogena acuminata* Rondani: De Meijere (1939)

Localities: Ge.: Tongeren, 1 ♂, 11.v.1989; 1 ♂, 15.v.1995, leg. BvA; Otterlo, 1 ♂, 9.v.1975, leg. BvA (coll. BvA).

54. *Chaetogena fasciata* (Egger): Zeegers (1992)

Localities: 66 records from 14 localities (fig. 8). Dates: Period of flight e.v - e.vi; oldest record from 1967.

55. *Chaetogena obliquata* (Fallén): Zeegers (1992)

Localities: 11 records from 7 localities (fig. 9). Dates: Period of flight e.v - e.vi; oldest record from 1933. Host: *Lasiocampa trifolii* (Denis & Schiffermüller) (coll. ZMA).

56. *Compsilura concinnata* (Meigen): De Meijere (1939)

57. *Diplostichus janitrix* (Hartig): De Meijere (1939)

58. *Exorista fasciata* (Fallén)

Tachina vidua Meig. of Van der Wulp & De Meijere (1898).

Notes: Not in De Meijere (1939), while incorrectly considered to be synonymous with *Exorista larvarum* by De Meijere (1916).

59. *Exorista grandis* (Zetterstedt): De Meijere (1939) (syn.)

60. *Exorista larvarum* (Linnaeus): De Meijere (1939)

61. *Exorista mimula* (Meigen): fauna spec. nov.

Localities: Li.: Pietersberg, Wijngaard (noordhelling), 1 ♂, 15.ix.1950, leg. Leidse Biologen (coll. NNM).

62. *Exorista rustica* (Fallén): De Meijere (1939)

63. *Gastrolepta anthracina* (Meigen): De Meijere (1939)

64. *Hemimacquartia paradoxa* Brauer & Bergenstamm: fauna spec. nov.

65. *Ligeria angusticornis* (Loew): De Meijere (1939) (syn.)

66. *Medina collaris* (Fallén): De Meijere (1939)

Notes: a few specimens are exceptional in having two strong posterior bristles on the front tibiae. Since these specimens occur in populations of normal *Medina collaris*, they are nothing but a variety of this species.

67. *Medina luctuosa* (Meigen): fauna spec. nov.

Localities: 24 records from 12 localities (fig. 10). Dates: Period of flight m.v - e.viii, possibly two generations yearly; oldest record from 1900. Host: *Haltica quercetorum* Foudras (coll. LEW).

Notes: Incorrectly published as Dutch by De Meijere (1939): specimens belong to *Medina separata* (coll. ZMA).

68. *Medina separata* (Meigen): De Meijere (1939) (syn.)

Notes: In De Meijere (1939) published as *Arrhinomyia innoxia* Mg. (due to the confusion with *Arrhinomyia separata* Brauer & Bergenstamm nec Meigen = *Leiophora innoxia* (Meigen)) and as *Degeeria luctuosa* Mg. (coll. ZMA).

69. *Meigenia dorsalis* (Meigen): fauna spec. nov.

Localities (only specimens with genitalia examined have been mentioned):

Ge.: Hoog Soeren, 1 ♂, 2.ix.1972, leg. Bax; NH.: Amsterdam Oost, 1 ♂, 16.v.1973; 2 ♂, 5.vi.1973; 1 ♂, 6.vi.1973; 1 ♂, 7.vi.1973, leg. Bax; Santpoort, 1 ♂, 16.vi.1974, leg. Bax; ZH.: Den Haag, 1 ♂, 17.v. (coll. ZMA); 1 ♂, .v. (coll. LEW); Li.: Maastricht, 1 ♂, .vii.1887, leg. De Man (coll. ZMA).

70. *Meigenia mutabilis* (Fallén): De Meijere (1939)**71. *Meigenia uncinata* Mesnil: fauna spec. nov.**

Localities (only specimens with genitalia examined have been mentioned):

NH.: Badhoevedorp, 1 ♂, 31.viii.1972, leg. Bax (coll. ZMA); ZH.: Den Haag, 1 ♂, .vi., leg. Van der Wulp (coll. NNM); Li.: Nuth, 1 ♂, 26.viii.1973, leg. BvA (coll. BvA); ?: 3 ♂, reared ex *Crioceris asparagi* (Linnaeus), leg. S. Leefmans (coll. ZMA).

72. *Neophryxe vallina* (Rondani): fauna spec. nov.

Localities: ZH.: Duinrel near Wassenaar, 1 ♀, 27.vi.1967, leg. Pronk (coll. NNM).

73. *Oswaldia muscaria* (Fallén): De Meijere (1939) (syn.)**74. *Oswaldia spectabilis* (Meigen): fauna spec. nov.**

Localities: Dr.: Beilen, 1 ♂, 27.vi.1983; Uffelte, 1 ♂, 3.vii.1991, leg. BvA (coll. BvA).

75. *Paracraspedothrix montivaga* Villeneuve: fauna spec. nov.

Localities: Li.: Pietersberg, 1 ♂, 8.vii.1994, leg. BvA (coll. BvA).

76. *Parasetigena silvestris* (Robineau-Desvoidy): De Meijere (1939) (syn.)**77. *Perichaeta unicolor* (Fallén): De Meijere (1939)**

Notes: Only remnants are left in ZMA, but the identification as *P. unicolor* is still highly probable. Therefore this species is retained on the Dutch list.

78. *Picconia incurva* (Zetterstedt): De Meijere (1939)**79. *Phorinia aurifrons* Robineau-Desvoidy: De Meijere (1939) (not seen)**

New localities: Dr.: Borger, 1 ♀, 26-30.viii.1996, leg. Witmond (coll. BvA); Ge.: Wageningen, 1 ♂, 15.viii.1955, leg. de Goede (coll. LEW); NH.: Bussum, 1 ♂, 1 ♀, 20.viii.1966, leg. Kabos; Li.: Swalmen, 1 ♂, 26.vii.1961, leg. Meuffels (coll. ZMA).

Notes: In De Meijere (1939) possibly incorrectly published as Dutch (not seen): only specimens of *Bessa selecta* from given locality could be found (a misidentification?).

80. *Phorocera assimilis* (Fallén): De Meijere (1939)**81. *Phorocera grandis* (Rondani): fauna spec. nov.**

Localities: Fr.: Hoornse Bos on Terschelling, 1 ♂, 31.v.1996, leg. JTS (coll. JTS); Boschplaat on Terschelling, 1 ♂, 1.vi.1996, leg. Zwakhals (coll. BvA); NH.: De Koog on Texel, 2 ♂, 19.v.1974, leg. Bax; Santpoort, 1 ♂, 4.v.1939, leg. Kabos; Amsterdamse Waterleiding Duinen, Oosterveld, 1 ♀, 14.v.1949, leg. Barendrecht (coll. ZMA); Vogelenzang, Vinkenveld, 1 ♂, 16.v.1989; 1 ♂, 30.v.1991, leg. HdJ (coll. HdJ); ZH.: Meijndel near Wassenaar, 1 ♂, 13.v.1965, leg. Delfos (coll. NNM); Den Haag, 1 ♂, 15.iv., leg. De Meijere (coll. ZMA).

82. *Phorocera obscura* (Fallén): De Meijere (1939) (syn.)**83. *Prosethilla kramerella* (Stein): fauna spec. nov.**

Localities: Li.: Sint Pietersberg, 1 ♀, 21.v.1987 (coll. BvA); 1 ♀, 23.v.1994, leg. BvA (coll. ThZ).

84. *Staurochaeta albocingulata* (Fallén): Donker & Luitjes (1961)

Notes: Specimens still present in National History Museum, London.

85. *Vibrissina turrata* (Meigen): De Meijere (1939)

86. *Zaira cinerea* (Fallén): De Meijere (1939) (not seen), Kabos (1974)

Notes: Kabos (1974) describes this species as common in June and July. However, only one specimen proved to be correct: Ov.: Oldenzaal, 1 ♀, .vii.1968, leg. Kabos (coll. ZMA).

Subfamily Goniinae

87. *Aplomyia confinis* (Fallén): De Meijere (1939)

88. *Bactromyia aurulenta* (Meigen): De Meijere (1939)

89. *Baumhaueria goniaeformis* (Meigen): De Meijere (1939) (not seen)

New localities: Fr.: Rijsplak on Terschelling, 1 ♂, 1 ♀, 2.vi.1969, leg. Pronk & Van Heijningen (coll. NNM); Boschplaat on Terschelling, 1 ♀, 1.vi.1996, leg. Zwakhals; Ge.: 't Harde, 1 ♀, 30.v.1985; 1 ♀, 13.v.1993; 1 ♀, 31.v.1993, leg. BvA (coll. BvA); NH.: Santpoort, 1 ♀, .vii.1938, leg. Kabos (coll. ZMA); ? : "Nederland", 1 ♂ (coll. ZMA).

90. *Blepharipa pratensis* (Meigen): De Meijere (1939) (syn.)

91. *Blepharipa schineri* (Mesnil): fauna spec. nov.

Localities: Ge.: Filosofendal, Beek bij Nijmegen, 1 ♂, 21.v.1996, leg. JTS (coll. JTS); Li.: Sint Pietersberg, 1 ♀, 28.vi.1996, leg. BvA (coll. BvA).

92. *Bothria frontosa* (Meigen): De Meijere (1939) (not seen)

New localities: 26 records from 5 localities (fig. 11). Dates: Period of flight m.iii-e.v; oldest record from 1917.

93. *Bothria subalpina* Villeneuve: Zeegers (1992)

Localities: 20 records from 4 localities (fig. 12). Dates: Period of flight b.iv - e.v; oldest record from 1973.

94. *Brachychaeta strigata* (Meigen): Kabos (1974) (not seen)

Localities: Ge.: Otterlo, 1 ♀, 6.vi.1980, leg. BvA (coll. BvA); Rheden, Stikke Trui, 1 ♀, 2.v.1995, leg. JTS, on light (coll. JTS); NH.: Amsterdam, Westelijk Havengebied, 1 ♂, 19.iv.1982; 1 ♀, 4.v.1982, leg. HdJ (coll. HdJ); Amsterdamse Waterleidingduinen near Zandvoort, 1 ♀, 25.iv.1993, leg. Peeters (coll. ThZ); Li.: Venlo, 1 ♀, 14.iv.1988, leg. BvA (coll. BvA); Melick, 1 ♀, 8.iv.1950, leg. Gravenstein (coll. ZMA); Schrieversheide near Brunssum, 1 ♀, 22.iv.1987, leg. Delfos (coll. NNM); Maastricht, 1 ♂, 8.iv.1953, leg. Br. Arnoud (coll. ZMA).

95. *Cadurciella tritaeniata* (Rondani): fauna spec. nov.

Localities: 31 records from 11 localities (fig. 13). Dates: Period of flight e.v - b.viii; oldest record from 1965.

96. *Carcelia atricosta* Herting: fauna spec. nov.

Localities: Ge.: Assel, 1 ♀, 27.vi.1969, leg. BvA (coll. BvA); NH.: Schoten near Haarlem, 1 ♀, without date, reared ex *Orgyia antiqua* (Linnaeus), leg. Ritsema (coll. ZMA).

Notes: Incorrectly published as *Carcelia lucorum* Mg. from locality Haarlem by Van der Wulp & De Meijere (1898) (coll. ZMA).

97. *Carcelia bombylans* Robineau-Desvoidy: fauna spec. nov.

Localities: Dr.: Borger, 1 ♂, 7.viii.1996, leg. Witmond (coll. ZMA); Ge.: Hoog Soeren, 1 ♂, 16.vii.1972, leg. Bax; NH.: Hilversum, 1 ♂, reared 1909, leg. De Meijere (coll. ZMA); Li.: Elslloo, 1 ♂, 17.vii.1969, leg. Meuffels; Vilt, 1 ♀, 21.vi.1974, leg. Meuffels (coll. BvA); Eys, 1 ♀, 21.vi.1968, leg. Verhaak (coll. MEC).

98. *Carcelia gnava* (Meigen): De Meijere (1939)

99. *Carcelia iliaca* (Ratzeburg): Zeegers (1997)

= *Carcelia processionae* auct. nec. (Ratzeburg).

100. *Carcelia laxifrons* Villeneuve: fauna spec. nov.

Localities: 14 records from 12 localities (fig. 14). Dates:

Period of flight b.v - b.vi; oldest record from 19th century. Hosts: *Leucoma salicis* (Linnaeus) (coll. IBN); *Malacosoma castrensis* (Linnaeus) (coll. ZMA) and *Nematus* larva (coll. NNM), but last host record seems quite unlikely.

**101. *Carcelia lucorum* (Meigen):
De Meijere (1939)**

**102. *Carcelia puberula* Mesnil: fauna spec.
nov.**

Localities: 21 records from 13 localities (fig. 15). Dates: Period of flight e.iv - b.vi; oldest record from 1902.

**103. *Carcelia rasa* (Macquart): fauna spec.
nov.**

Localities: 27 records from 15 localities (fig. 16). Dates: Period of flight e.v - e.vii, records of reared specimens indicate two generations yearly; oldest record from 19th century. Hosts: *Dasychira pudibunda* (Linnaeus) (5x), *Orgyia gonostigma* (Scopoli) (3x) and *Euproctis similis* (Fuessly) (1x) (coll. ZMA).

**104. *Carcelia rasella* Baranov: fauna spec.
nov.**

Localities: ZH.: Den Haag, 1 ♀, .v.1902; 1 ♂, 31.v; 1 ♂, .v., leg. De Meijere; ?: Vangede (unknown locality), 1 ♂, .vi.1912; "Nederland", 1 ♀, leg. De Meijere (coll. ZMA).

**105. *Carcelia tibialis* (Robineau-Desvoidy):
De Meijere (1939) (syn.)**

**106. *Catagonia aberrans* (Rondani): fauna
spec. nov.**

Localities: Li.: Wijlre, 1 ♀, 28.vii.1994, leg. JTS (coll. JTS); Bemelen, 1 ♀, 21-29.vi.1993, leg. Lefeber, ex malaisetrapp (coll. ZMA).

**107. *Cyzenis albicans* (Fallén): De Meijere
(1939)**

Notes: In De Meijere (1939) also incorrectly published as *Bavaria jucunda* Mg. The specimen published as *Cyzenis albicans* is a male (in coll. ZMA) (though published as female) which has been correctly identified by Stein, whereas the specimen published as *Bavaria jucunda* is a female (also in coll. ZMA) which

has been identified, incorrectly, by De Meijere himself. Apparently De Meijere did not realize that his *Bavaria jucunda* and Stein's *Cyzenis albicans* belonged to the same species.

**108. *Cyzenis jucunda* (Meigen): fauna
spec. nov.**

Localities: 40 records from 5 localities (fig. 17). Dates: Period of flight b.iv - b.vi; oldest record from 1977.

Notes: Incorrectly published as Dutch in De Meijere (1939): specimen belongs to *albicans*, see above.

**109. *Drino galii* (Brauer & Bergenstamm):
fauna spec. nov.**

Localities: Ge.: Wezep, 2 ♀, reared 26.vi.1952 ex *Hyles galii* (Rottemburg), leg. Van der Meulen (coll. ZMA).

110. *Drino gilva* (Hartig): Herting (1984)

Localities: Ge.: Putten, 1 ♀, reared .vii.1905 ex Diprionidae; 1 ♂, reared 5.viii.1905 ex same host, leg. Oudemans (coll. ZMA); Deelen, 1 ♂, reared .vii.1874 ex Diprionidae, leg. Ritsema (coll. NNM); Hoge Veluwe, 1 ♀, reared .viii.1970 ex *Diprion pini*, leg. I.T.B.O.N.; NB.: Ospel, 1 ♀, reared 30.x.1970 ex *Diprion pini*, leg. I.T.B.O.N. (coll. PD); 1 ♀, reared 16.xi.1970 ex *Diprion pini*, leg. I.T.B.O.N. (coll. IBN); ?: "Nederland", 2 ♀, reared (coll. ZMA).

Notes: Not in De Meijere (1939), since considered to be only a variety of *Drino inconspicua*. Published by De Meijere (1919) as variety of *Sturmia inconspicua* Mg. with *Sturmia ruficornis* Macq. as synonym, probably incorrectly (see below). Published as *Ceromasia ruficornis* Macq. by Van der Wulp & De Meijere (1898) (not seen), description in manuscript by Van der Wulp fits female of *Drino inconspicua*.

**111. *Drino inconspicua* (Meigen):
De Meijere (1939)**

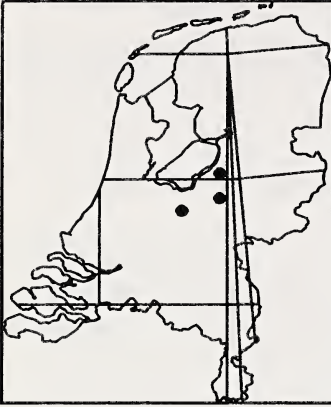
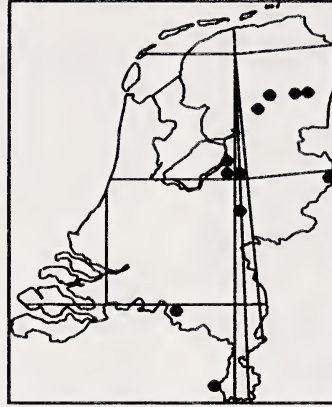
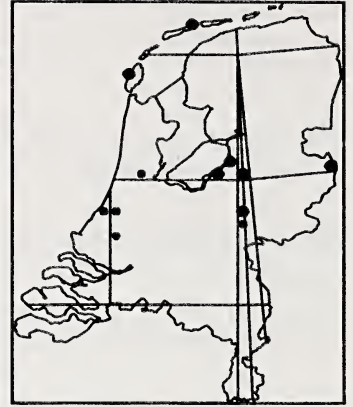
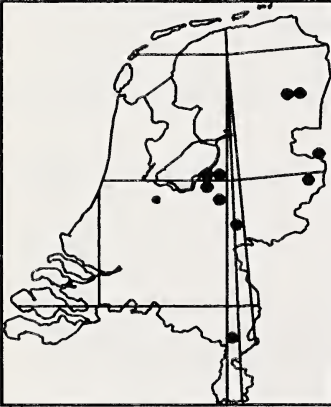
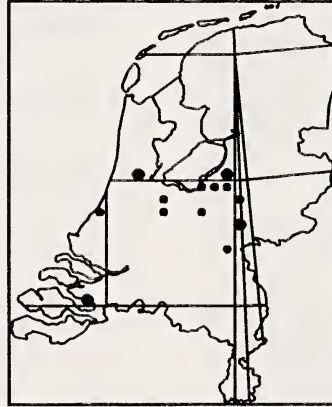
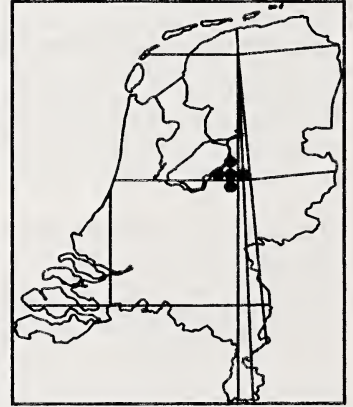
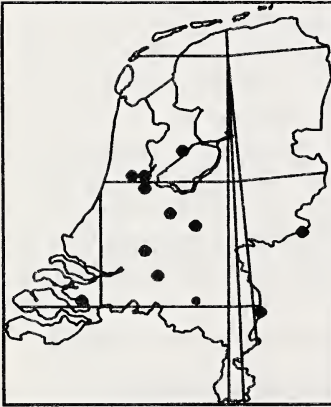
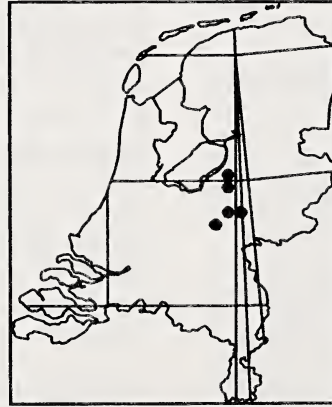
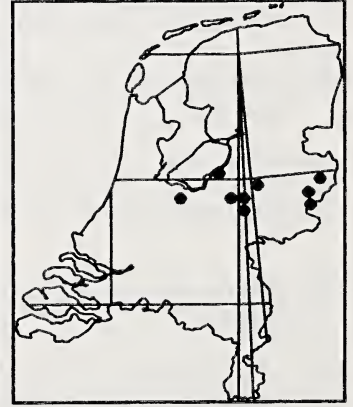
12. *Bothria subalpina*13. *Cadurciella tritaeniata*14. *Carcelia laxifrons*15. *Carcelia puberula*16. *Carcelia rasa*17. *Cyzenis jucunda*18. *Lydella thompsoni*19. *Masicera pavoniae*20. *Myxexoristops blondeli*

Fig. 12-20. Distribution of Tachinidae in The Netherlands. Small dots: records before 1960 only; large dots: (also) records since 1960.

112. *Drino lota* (Meigen): Verhaak (1972)

Notes: Incorrectly published as Dutch by De Meijere (1939): all specimens found belong to *Nilea hortulana* (coll. ZMA, NNM).

**113. *Elodia ambulatoria* (Meigen):
De Meijere (1939) (syn.)**

Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898): specimens belong to *Medina*, the one seen to *M. separata* (coll. ZMA).

**114. *Elodia morio* (Fallén): fauna spec.
nov.**

Localities: NB.: Brabantsche Biesbosch (on label only as "Br.B"), 1 ♂, 1.vii.1970 (coll. ZMA).

Notes: In De Meijere (1939) incorrectly published as Dutch as *Elodia* (*Arrhinomyia*) *tragica* Mg. (= *E. morio*). Not seen, but description given by De Meijere (1928) does not fit *Elodia morio*, real identity remains unclear (possibly *Leiophora innoxia* (Meigen)). In the unpublished manuscript by Van der Wulp as *Scopolia morio*, 1 ♀, Breda (NB.) reared by Heylaerts ex *Acleris hastiana* (Linnaeus). Not seen, but description is quite convincing.

**115. *Epicampocera succincta* (Meigen):
De Meijere (1939)****116. *Erycilla ferruginea* (Meigen):
Herrebout (1962)****117. *Erynnia ocypterata* (Fallén):
De Meijere (1939) (syn., not seen)**

New localities: Dr.: Borger, 1 ♀, 24.iv.1993, leg. BvA (coll. BvA); Ov.: Haaksbergen, Haaksbergerveen, 1 ♂, 29.vii.1992 on *Angelica sylvestris* L., 3 more seen, leg. ThZ (coll. ThZ); Ge.: 't Harde, 1 ♀, 2.vi.1984; 2 ♀, 8.viii.1984; 2 ♀, 26.vii.1985; 1 ♀, 14.v.1993, leg. BvA (coll. BvA); NH.: Hilversum, 1 ♂, 11.vii.1909, leg. De Meijere; Beverwijk, 1 ♂, reared 1907 ex *Sparganothis pilleriana* (Denis & Schiffermüller), leg. Schroevers (coll. ZMA); ZH.: Meyendel near Wassenaar, 1 ♀, 8.v.1969, leg. Delfos (coll. NNM).

Notes: The reared specimen ex *S. pilleriana*

from Beverwijk is not the same as the ones mentioned by De Meijere (1919): these belong to *Pseudoperichaeta nigrolineata* (coll. ZMA).

**118. *Eumea linearicornis* (Zetterstedt):
De Meijere (1939) (syn.)****119. *Eumea mitis* (Meigen): De Meijere
(1939)****120. *Eurysthaea scutellaris* (Robineau-
Desvoidy): De Meijere (1939)****121. *Frontina laeta* (Meigen): De Meijere
(1939)****122. *Gaedia connexa* (Meigen): De Meijere
(1939)**

Notes: In ZMA only the remnants of the one Dutch specimen are present: only thorax and one wing are left. This is still sufficient to recognize it as *Gaedia*, but it is impossible to recognize the species. However, the same specimen has been described by Van der Wulp his unpublished manuscript. From this description it becomes clear that the Dutch specimen belongs to *G. connexa*.

**123. *Gonia distinguenda* Herting: fauna
spec. nov.**

Localities: Ge.: Otterlo, 1 ♂, 11.v.1972, leg. BvA (coll. BvA); Bennekom, 1 ♀, 6.v.1948; Heumensoord (near Nijmegen), 1 ♂, .iv.1959; NH.: Hilversum, 1 ♀, 29.v.1906, leg. De Meijere; Laren, 1 ♂, 15.iv.1943, leg. Piet; Huizen, 1 ♀, 20.iv.1950, leg. Theowald; ZH.: Rotterdam, 1 ♂, leg. Franssen (coll. ZMA); NB.: Drunense Duinen near Waalwijk, 1 ♂, 3.v.1994, leg. Peeters (coll. ThZ); Bergen op Zoom, 1 ♂, 1901; Li.: Epen, 1 ♀, 8.vi.1949, leg. Br. Arnoud (coll. ZMA).

**124. *Gonia divisa* Meigen: De Meijere
(1939)****125. *Gonia ornata* Meigen: De Meijere
(1939)**

**126. *Gonia picea* (Robineau-Desvoidy):
De Meijere (1939) (syn.)**

**127. *Hebia flavipes* Robineau-Desvoidy:
Verhaak (1972)**

**128. *Huebneria affinis* (Fallén):
De Meijere (1939)**

**129. *Lydella grisescens* Robineau-
Desvoidy: De Meijere (1939)**

**130. *Lydella stabulans* (Meigen):
De Meijere (1939)**

**131. *Lydella thompsoni* Herting: Zeegers
(1992)**

Localities: 26 records from 13 localities (fig. 18). Dates: Period of flight m.v - e.viii, reared specimen suggest two generations yearly; oldest record from 1951. Hosts: *Archanara geminipuncta* (Haworth) (coll. ZMA); caterpillar from stem *Artimisia* (coll. LEW) and reared ex stem of *Rubus*, leg. Van der Zanden (coll. ZMA).

**132. *Masicera pavoniae* (Robineau-
Desvoidy): Zeegers (1992)**

Localities: 18 records from 5 localities (fig. 19). Dates: Period of flight b.vi - e.vii; oldest record from 1897. Hosts: *Saturnia pavonia* (Linnaeus) (4x) (coll. ZMA, NNM); *Saturnia pyri* (Denis & Schiffermüller) (2x). The specimens reared from *Saturnia pyri* are probably not from Dutch origin, since this host occurs only adventitiously in The Netherlands (Lempke, 1976).

**133. *Masicera silvatica* (Fallén):
De Meijere (1939)**

**134. *Masicera sphingivora* (Robineau-
Desvoidy): fauna spec. nov.**

Localities: NH.: Diemen, 2 ♂, 1 ♀, reared 20.viii.1952 ex *Deilephila elpenor* (Linnaeus), leg. Piet; Insectarium of Artis Zoo, Amsterdam, 1 ♂, 1 ♀, reared 1915 ex *Deilephila*; ZH.: Rotterdam, 1 ♀, reared .iii., leg. Fransen (coll. ZMA); ?; also in Dutch collection of ZMA without locality, 1 ♂, reared 1915 ex *Deilephila*; 1 ♂, reared 28.vi.1924 ex *Smerinthus ocellata* (Linnaeus).

**135. *Myxexoristops abietis* Herting: fauna
spec. nov.**

Localities: Dr.: Papenvoort, 1 ♀, 28.vii.1993, leg. BvA (coll. ThZ); 1 ♂, 17-19.viii.1996, leg. Witmond (coll. ZMA); Ge.: Tongeren, 1 ♂, 8.viii.1986, leg. BvA (coll. BvA); 1 ♂, 7-13.vii.1992. leg. BvA ex malaisetrapp (coll. ZMA).

**136. *Myxexoristops blondeli* (Robineau-
Desvoidy): fauna spec. nov.**

Localities: 15 records from 9 localities (fig. 20). Dates: Period of flight b.v - m.vii; oldest record from 1972.

Notes: Incorrectly published as Dutch by Kabos (1974) as *Exorista pexops* B & B. (= *M. blondeli*): description fits *Myxexoristops stolidi* and not *M. blondeli*.

**137. *Myxexoristops bonsdorffi*
(Zetterstedt): De Meijere (1939)**

**138. *Myxexoristops hertingi* Mesnil: fauna
spec. nov.**

Localities: Ge.: 't Harde, 1 ♀, 24.vi.1982, leg. BvA (coll. BvA).

**139. *Myxexoristops stolidi* (Stein): Zeegers
(1996)**

Zenillia stulta Pand. nec Zett.: De Meijere (1919).
Exorista pexops B & B. of Kabos (1974).

Notes: Erroneously not in De Meijere (1939) due to confusion between *Aetylia stulta* Pand. nec Zett. = *Myxexoristops stolidi* (Meigen) and *Zenillia stulta* Zett. = *Phebellia stulta* (Zetterstedt).

**140. *Nemorilla floralis* (Fallén):
De Meijere (1939)**

**141. *Nemorilla maculosa* (Meigen):
Van der Wulp & De Meijere (1898)**

Notes: In De Meijere (1939) incorrectly only as synonym of *Nemorilla floralis* Fall. (coll. ZMA).

142. *Nilea hortulana* (Meigen): De Meijere (1939)

Notes: In De Meijere (1939) also incorrectly published as *Aetylia lota* Mg. (see *Drino lota*).

143. *Ocytata pallipes* (Fallén): De Meijere (1939) (syn.)**144. *Pales pavida* (Meigen): De Meijere (1939)****145. *Pales processioneae* (Ratzeburg): Zeegers (1997)**

= *Pales opulenta* Herting.

146. *Phebellia glauca* (Meigen): De Meijere (1939)

Notes: In De Meijere (1939) *Aetylia stulta* Zett. Pand. has incorrectly been given as synonym (see *Phebellia stulta* and *Myxexoristops stolidus*).

147. *Phebellia glaucoides* Herting: fauna spec. nov.

Localities: Ge.: Terlet, 1 ♀ 18.vi.1984, leg. BvA (coll. BvA).

148. *Phebellia glirina* (Rondani): fauna spec. nov.

Localities: ZH.: Nieuwkoop, 11.vii.1946, 1 ♂, leg. Vervoort (coll. NNM).

149. *Phebellia nigripalpis* (Robineau-Desvoidy): Herting (1984)

Localities: Ge.: Heteren, 1 ♂, 17.ix.1984, leg. BvA (coll. BvA); NB.: Udenhout, De Brand, 1 ♀, 19.vi.1990; 2 ♀, 10.vii.1990, leg. KNNV Tilburg (coll. ThZ); Reusel, Reuselse Moeren, 1 ♀, 4.vi.1994, leg. BvA (coll. BvA); Li.: Meinweg near Herkenbosch, 1 ♀, 20.vi.1994, leg. ThZ (coll. ThZ).

Notes: In De Meijere (1939) incorrectly published as Dutch as *Aetylia agnata* Rond. (=

Ph. nigripalpis): all records refer to *Phryxe nemea* (coll. ZMA, NNM).

150. *Phebellia pauciseta* (Villeneuve): fauna spec. nov.

Localities: Ov.: Ootmarsum, Springendal, 1 ♂, 1-10.vi.1995, leg. BvA ex malaisetrapp (coll. BvA).

151. *Phebellia stulta* (Zetterstedt): fauna spec. nov.

Localities: FL.: Oostelijk Flevoland, Biddinghuizen, Bremerbergbos, 1 ♀, 24.viii.1977, leg. BvA; Ge.: Nunspeet, 1 ♂, 30.viii.1977, leg. BvA; Hulshorst, 1 ♀, 31.viii.1977, leg. BvA (coll. BvA); Hoog Soeren, 1 ♀, 8.ix.1973, leg. Bax; NH.: Bloemendaal, 1 ♀, 18.viii.1919, leg. De Meijere; Overveen, 1 ♀, .viii., leg. De Meijere (coll. ZMA).

Notes: De Meijere (1939) incorrectly published *Zenillia stulta* Zett. Pand. as synonym of *glauca*: misquotation of *Exorista stulta* Pand. nec Zett. in De Meijere (1919) (= *Myxexoristops stolidus* (coll. ZMA)).

152. *Phebellia triseta* (Pandellé): fauna spec. nov.

Localities: Ov.: Oldenzaal, Tankenberg, 1 ♀, 21.vii.1994, leg. ThZ (coll. ThZ); Ge.: Elburg, Schouwenburg, 1 ♂, 5-11.vi.1993, leg. BvA ex malaisetrapp (coll. ZMA).

153. *Phebellia vicina* (Wainwright): fauna spec. nov.

Localities: FL.: Oostelijk Flevoland, Biddinghuizen, Bremerbergbos, 1 ♂, 15.viii.1977, leg. BvA (coll. BvA).

154. *Phebellia villica* (Zetterstedt): fauna spec. nov.

Localities: Dr.: Borger, 1 ♂, 15-20.vii.1996, leg. Witmond, ex malaise trap (coll. BvA); Ov.: Haaksbergen, Haaksbergervveen, 1 ♂, 4.vii.1993, leg. ThZ (coll. ThZ); NH.: Hilversum, 1 ♀, .vi.1901, leg. De Meijere (coll. ZMA).

155. *Phryno vetula* (Meigen): Zeegers (1992)

Localities: 89 records from 29 localities (fig. 21). Dates: Period of flight b.iv - e.vi; oldest record from 1972.

**156. *Phryxe erythrostoma* (Hartig):
Herrebout (1962)**

**157. *Phryxe heraclei* (Meigen): fauna spec.
nov.**

Localities (only specimens with male genitalia examined and those reared from typical hosts have been mentioned): 17 records from 10 localities (fig. 22). Dates: Period of flight b.vi - m.viii, possibly two generations yearly; oldest record from 19th century. Hosts: *Philudoria potatoria* (Linnaeus) (5x) (coll. ZMA, NNM); *Malacosoma neustria* (Linnaeus) (1x) (coll. ThZ).

**158. *Phryxe magnicornis* (Zetterstedt):
fauna spec. nov.**

Localities (only specimens with male genitalia examined and those reared from typical hosts have been mentioned): Ge.: Tongeren, 1 ♂, 18.vii.1986; 1 ♂, 30.vi.1992; 1 ♂, 14.vii.1994, leg. BvA (coll. BvA); Wageningen, 1 ♂, reared ix.1995 ex *Evergestis extimalis* (Scopoli) on *Brassica rapa* L., leg. M. Vos (coll. LEW); Li.: Sint Pietersberg, 1 ♂, reared 2.ix.1956 and 1 ♂, reared 7.ix.1956 ex *Zygaena filipendulae* (Linnaeus), leg. Van der Meulen jr. (coll. ZMA).

**159. *Phryxe nemea* (Meigen): De Meijere
(1939)**

Notes: In De Meijere (1939) also incorrectly published as *Aetylia agnata* Rond. (see *Phebellia nigripalpis*) and as *Aetylia fimbriata* Mg. (see *Platymyia fimbriata*).

**160. *Phryxe vulgaris* (Fallén): De Meijere
(1939)**

**161. *Platymyia fimbriata* (Meigen): Kabos
(1974)**

Notes: First correctly published as Dutch by Kabos (1974) from locality Middelburg (coll. ZMA). Incorrectly published as Dutch by De Meijere (1939): all records refer to *Phryxe nemea*.

**162. *Pseudoperichaeta nigrolineata*
(Walker): De Meijere (1939) (syn.)**

Notes: In De Meijere (1939) published as *Anoxycampa hirta* Big. and also incorrect-

ly as *Staurochaeta vibrissata* Rond. (coll. ZMA).

**163. *Rhaphiochaeta breviseta* (Zetterstedt):
De Meijere (1939) (not seen,
considered lost)**

New localities: Dr.: Papenvoort, 1 ♂, 1 ♀, 8.vi.1975; 1 ♂, 7.viii.1975, leg. Timmer (coll. ZMA); Borger, 1 ♂, 22.v.1993, leg. BvA (coll. BvA).

**164. *Senometopia excisa* (Fallén): fauna
spec. nov.**

Localities (only specimens with genitalia studied have been mentioned):

Ov.: Enschede, Witbreuk, 1 ♂, 13.vii.1996, leg. ThZ (coll. ThZ).

Notes: Incorrectly published as Dutch by Verhaak (1972): specimen belongs to *Carcelia bombylans* (coll. MEC). The record of *Carcelia excisa* Fall. in De Meijere (1939) remains unclear. The only specimen mentioned that I have seen (from Ossendrecht) belongs to *Senometopia pollinosa*. However, the record by De Meijere (1939) is based on the one by Van der Wulp & De Meijere (1898) and in his unpublished manuscript Van der Wulp described *Carcelia excisa* as golden yellow without any trace of discal setae. Therefore, the original record of *C. excisa* by Van der Wulp from Den Haag is likely to refer to either *Senometopia excisa* or *S. lena*.

**165. *Senometopia lena* (Richter): fauna
spec. nov.**

Localities: ?: Beek (no other information to determine which Beek), 26.vii., leg. Van der Wulp (coll. ZMA).

**166. *Senometopia pollinosa* (Mesnil):
De Meijere (1939) (syn.)**

= *Carcelia rutilla* B.B.: Klomp (1956, 1958), Van Doesburg (1956) and Herrebout (1962).

**167. *Senometopia separata* (Rondani):
fauna spec. nov.**

Localities: Ge.: Putten, 1 ♂, 1 ♀, reared .v.1890; 3 ♀,

reared ix.1920, all reared ex *Endromis versicolora* (Linnaeus), leg. Oudemans (coll. ZMA); Hulshorst, 3 ♂, 1 ♀, reared 15.iv.1943; 1 ♀, reared 16.iv.1943; 2 ♂, 2 ♀, reared 1942, leg. J. Bremer (coll. NNM); Terlet, 1 ♀, 28.vi.1984, leg. BvA (coll. BvA); ?; "Nederland", 1 ♀, reared, leg. De Meijere (coll. ZMA).

168. *Smidtia conspersa* (Meigen): De Meijere (1939) (not seen)

Notes: Specimen mentioned by Verhaak (1972) seen (coll. MEC).

169. *Sturmia bella* (Meigen): Zeegers (1992)

Localities: Li.: Sint Pietersberg, 1 ♀, 20.ix.1992, leg. BvA (coll. BvA); Heerlen, 1 ♂, reared 23.x.1953; 1 ♀, idem reared 25.x.1953, leg. Br. Arnoud; ?; "U." (locality unclear, possibly Utrecht), 1 ♀, .vii.1911 (coll. ZMA); in Dutch collection of ZMA, locality unknown, 1 ♂, 1 ♀, reared ex *Nymphalis polychloros* (Linnaeus).

Notes: Van der Wulp gives in his unpublished manuscript also the following record: Rotterdam, 1 ♂, reared ex *Aglais urticae* (Linnaeus), leg. Fransen (not seen, but undoubtedly correct).

170. *Thelymorpha marmorata* (Fabricius): De Meijere (1939)

171. *Thelymyia saltuum* (Meigen): fauna spec. nov.

Localities: NH.: De Muy on Texel, 1 specimen, 25.vii.1938, leg. Kabos (coll. ZMA). This specimen is in bad condition, the abdomen is partly missing (and therefore the gender remains undetermined).

172. *Tlephusa cincinna* (Rondani): Zeegers (1992)

Localities: Ge.: Lochem, 1 ♀, .viii.1900, leg. Oudemans; ?; "Nederland", 1 ♀, leg. De Meijere (coll. ZMA).

173. *Timavia amoena* (Meigen): De Meijere (1939)

174. *Townsendiellomyia nidicola* (Townsend): fauna spec. nov.

Localities: Ge.: Wageningen, 1 ♂, reared 17.vi.1968;

1 ♂, reared 18.vi.1968 both ex *Euproctis chrysorrhoea* (Linnaeus) (coll. LEW); NH.: Amsterdam, 1 ♀, reared 2.viii.1930 ex *Euproctis chrysorrhoea*, leg. Van der Meulen, incorrectly published by De Meijere (1935) as *Zenillia libatrix* (coll. ZMA); Li.: Limburg, 1 ♂, reared .vii.1927 ex *Euproctis chrysorrhoea* (coll. LEW).

175. *Winthemia bohemani* (Zetterstedt): De Meijere (1939) (syn.)

176. *Winthemia cruentata* (Rondani): fauna spec. nov.

Localities: Li.: Heerlen, 1 ♂, 27.v.1949, leg. Br. Arnoud (coll. ZMA).

177. *Winthemia erythrura* (Meigen): Zeegers (1992)

Localities: Ut.: De Vuursche, 1 ♀, .vii; NH.: Badhoevedorp, 1 ♂, 3.vi.1974, leg. Bax; Li.: Mook, 1 ♀, 23.vi.1912, leg. De Meijere (coll. ZMA). (The identity of the females cannot be assured with certainty).

178. *Winthemia quadripustulata* (Fabricius): De Meijere (1939)

179. *Winthemia speciosa* (Egger): fauna spec. nov.

Localities: Ge.: Hoog Soeren, 2 ♀, 8.ix.1973, leg. Bax (coll. ZMA).

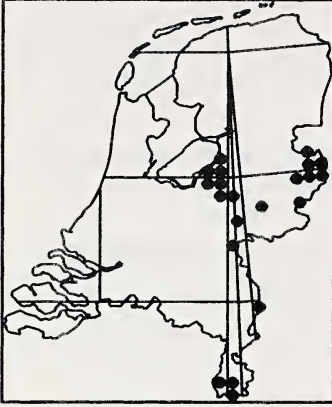
180. *Winthemia variegata* (Meigen): Zeegers (1992)

Localities: Ge.: Vorden, Kranenburg, 1 ♂, 15.v.1985, leg. BvA; Ugchelen, 2 ♀, 6.vi.1983, leg. BvA (coll. BvA); Willink's Weust near Winterswijk, 1 ♀, 12.vi.1993, leg. Hermes (coll. ThZ); Rheden, Stikke Trui, 1 ♀, 13.vi.1995, leg. JTS (coll. JTS); Li.: Limbricht, 1 ♂, 1 ♀, 20.v.1972, leg. BvA; Cadier, 1 ♂, 18.v.1972, leg. BvA (coll. BvA).

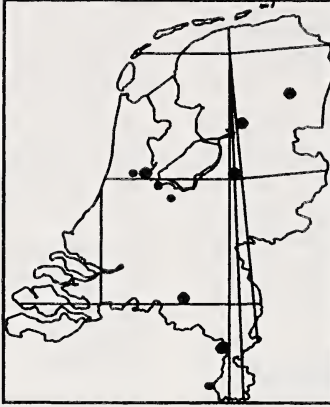
181. *Zenillia dolosa* (Meigen): fauna spec. nov.

Localities (♀ have only been mentioned if clearly associated with ♂): Ov.: Hengelo, 2 ♂, 1 ♀, reared 23.vi.1965 (coll. LEW); Ge.: Apeldoorn, 1 ♂ 25.vii; 1 ♀, 29.vii., leg. Vos (coll. ZMA); Ut.: Amersfoort, 1 ♂, reared 12.vii.1916 ex *Malacosoma neustria*; NH.: Hilversum, 1 ♂, .v.1901, leg. De Meijere (coll. ZMA); ?; "Nederland", 1 ♂ (coll. LEW).

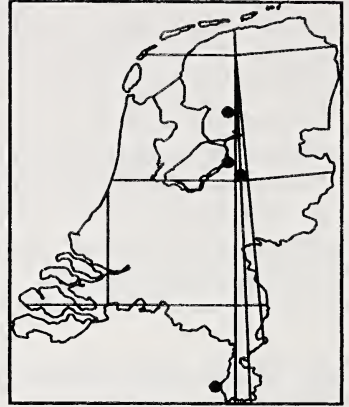
21. *Phryno vetula*



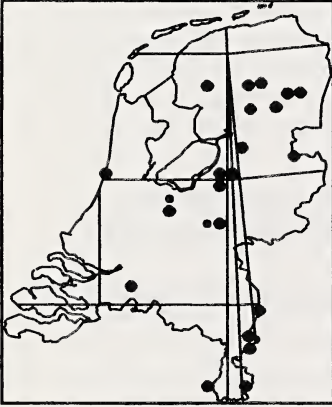
22. *Phryxe heraclei*



23. *Catharosia pygmaea*



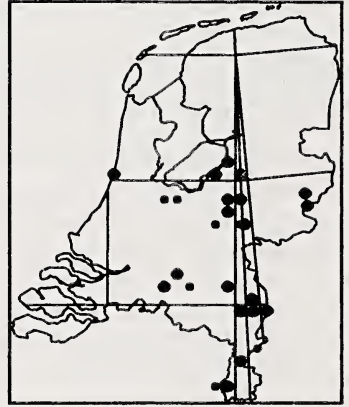
24. *Cylindromyia interrupta*



25. *Gymnosoma costatum*



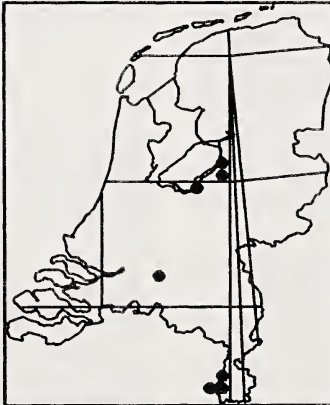
26. *Gymnosoma nudifrons*



27. *Labigaster forcipata*



28. *Lophosia fasciata*



29. *Phasia barbifrons*

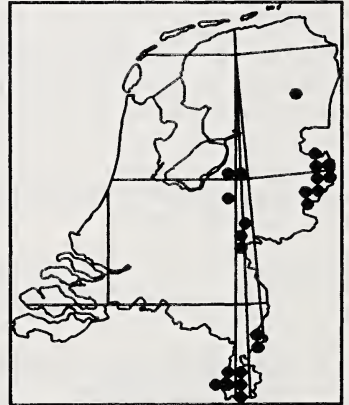


Fig. 21-29. Distribution of Tachinidae in The Netherlands. Small dots: records before 1960 only; large dots: (also) records since 1960.

182. *Zenillia libatrix* (Panzer): De Meijere (1939)**Subfamily Phasiinae****183. *Catharosia albisquama* (Villeneuve): De Meijere (1939) (syn.)**

Notes: In his unpublished manuscript Van der Wulp already doubts whether his *Catharosia* really is *Catharosia pygmaea* and he notes the difference in colouration of the calyptrae.

184. *Catharosia pygmaea* (Fallén): fauna spec. nov.

Localities: 16 records from 4 localities (fig. 23). Dates: Period of flight b.v - e.v & b.vii - b.ix & once m.x; oldest record from 1984.

Notes: Incorrectly published as Dutch by De Meijere (1939): specimen belongs to *Catharosia albisquama* (coll. ZMA).

185. *Cinochira atra* Zetterstedt: De Meijere (1939)**186. *Cistogaster globosa* (Fabricius): De Meijere (1939)****187. *Clytiomyia continua* (Panzer): De Meijere (1939)****188. *Cylindromyia brassicaria* (Fabricius): De Meijere (1939)****189. *Cylindromyia brevicornis* (Loew): fauna spec. nov.**

Localities: Ge.: Putten, 1 ♀, 30.viii.1922, leg. Oudemans (coll. ZMA); Li.: Schinveld, 1 ♂, 5.viii.1974, leg. BvA (coll. BvA).

190. *Cylindromyia intermedia* (Meigen): fauna spec. nov.

Localities: Li.: Cadier, 1 ♂, 14.viii.1968, leg. BvA (coll. ZMA).

191. *Cylindromyia interrupta* (Meigen): fauna spec. nov.

Localities: 54 records from 23 localities (fig. 24). Dates: Period of flight m.v - b.ix, possibly two generations yearly; oldest record from 1944.

192. *Cylindromyia pusilla* (Meigen): De Meijere (1939)**193. *Cylindromyia rufifrons* (Loew): Van Aartsen (1983)****194. *Ectophasia crassipennis* (Fabricius): fauna spec. nov.**

Localities: Ge.: Rheden, Stikke Trui, 1 ♂, 19.vii.1996, leg. J. Smit sr. on *Heracleum mantegazzianum* Somm. & Lev. (coll. JTS); NB.: Bostel, 1 ♂, 22.vii.1942, leg. Kabos (coll. ZMA).

195. *Gymnosoma clavatum* (Rohdendorf): fauna spec. nov.

Localities: Ge.: Empe, 1 ♂, 6.viii. (coll. ZMA); Groesbeek, 1 ♀, 30.vii.1948 (coll. LEW); NB.: Bostel, 1 ♂, 22.vii.1942, leg. Kabos; Li.: Venlo, 2 ♀, leg. Van der Brandt (coll. ZMA); Wrakelberg, 1 ♂, 16.vii.1992, leg. BvA; Maastricht, 1 ♂, 21.ix.1994, leg. BvA (coll. BvA); Sint Pietersberg, 1 ♂, 28.viii.1994, leg. JTS (coll. JTS).

196. *Gymnosoma costatum* (Panzer): fauna spec. nov.

Localities: 20 records from 15 localities (fig. 25); 7 records refer to the var. *intermedium* Loew. Dates: Period of flight m.v - m.ix, possibly two generations yearly; oldest record from 1884.

Notes: The males of *Gymnosoma costatum* and *G. inornatum* cannot be separated by me. Since several records of males are accompanied by females of *G. costatum*, I have included the males in *G. costatum*.

197. *Gymnosoma dolycoridis* Dupuis: fauna spec. nov.

Localities: Li.: Sint Pietersberg, 1 ♂, 10.viii.1992, leg. BvA (coll. BvA); Cadier, 1 ♂, 28.viii.1994, leg. ThZ (coll. ThZ); Vijlen, 1 ♀, 21.viii.1987, leg. BvA (coll. BvA).

198. *Gymnosoma inornatum* Zimin: fauna spec. nov.

Localities: Li.: Gulpen, 1 ♀, 28.vii.1907, leg. De Meijere (coll. NNM).

Notes: since the males cannot be separated from the typical *Gymnosoma costatum* (at least not by me), only records of females are presented.

Gymnosoma "intermedium" see *G. costatum*.

199. *Gymnosoma nitens* Meigen: De Meijere (1939)

200. *Gymnosoma nudifrons* Herting: fauna spec. nov.

Localities: 66 records from 30 localities (fig. 26). Dates: Period of flight m.vi - m.ix; oldest record from 19th century.

201. *Gymnosoma rotundatum* (Linnaeus): De Meijere (1939)

202. *Heliozeta pellucens* (Fallén): De Meijere (1939)

203. *Hemyda obscuripennis* (Meigen): fauna spec. nov.

Localities: Li.: Sint Pietersberg, 1 ♀, 24.viii.1994, leg. BvA (coll. BvA).

204. *Hemyda vittata* (Meigen): De Meijere (1939)

205. *Labigaster forcipata* (Meigen): fauna spec. nov.

Localities: 36 records from 2 localities (fig. 27). Dates: Period of flight b.v - e.viii; oldest record from 1984.

206. *Leucostoma simplex* (Fallén): De Meijere (1939)

207. *Litophasia hyalipennis* (Fallén): fauna spec. nov.

Localities: Ge.: Wageningen, 1 ♂, 28.vii.1948, leg. Van der Bunt (coll. PD).

Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898) as *Hyalomyia hyalinipennis* Fall. (misspelling) (not seen): already corrected by De Meijere (1928) to *Phasia pusilla*.

208. *Lophosia fasciata* Meigen: Kabos (1974)

Localities: 17 records from 9 localities (fig. 28). Dates: Period of flight b.vi - e.viii; oldest record from 1966.

209. *Phania curvicauda* (Fallén): fauna spec. nov.

Localities: Ge.: Montferland (just west of Zeddam), 1 ♀, 3.vii.1977, leg. BvA (coll. BvA).

Notes: In De Meijere (1939) incorrectly published as synonym of *Weberia pseudofunesta*: all specimens belong to *Phania funesta*.

210. *Phania funesta* (Meigen): De Meijere (1939) (syn.)

211. *Phania incrassata* Pandellé: fauna spec. nov.

Localities: Li.: Venlo, 1 ♂, 15.vi.1967, leg. BvA (coll. ZMA).

212. *Phasia aurulans* Meigen: fauna spec. nov.

Localities: Ge.: Radio Kootwijk, 1 ♀, 27.vii.1947, leg. van Rossum (coll. ZMA); Rheden, 1 ♂, 16.ix.1987, leg. A. Stoel; 1 ♂, 26.vi.1994, leg. JTS (coll. JTS); Li.: Venlo, 1 ♂, 17.vii.1979, leg. BvA; Vijlen, 1 ♂, 20.viii.1987; 1 ♂, 1 ♀, 21.viii.1987, leg. BvA (coll. BvA).

Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898): already corrected by De Meijere (1907) to *Phasia obesa*.

213. *Phasia barbifrons* (Grischner): fauna spec. nov.

Localities: 67 records from 31 localities (fig. 29). Dates: Period of flight m.v - m.ix, possibly two generations yearly; oldest record from 1972.

214. *Phasia hemiptera* (Fabricius): Kabos (1974)**215. *Phasia obesa* (Fabricius): De Meijere (1939)****216. *Phasia pusilla* Meigen: De Meijere (1939)****217. *Subclytia rotundiventris* (Fallén): fauna spec. nov.**

Localities: 19 records from 15 localities (fig. 30). Dates: Period of flight m.vi - b.ix; oldest record from 1964.

218. *Weberia digramma* (Meigen): De Meijere (1939)**Subfamily Tachininae****219. *Actia crassicornis* (Meigen): De Meijere (1939)****220. *Actia infantula* (Zetterstedt): fauna spec. nov.**

Localities: Li.: Cadier en Keer, Skiepersberg, 1 ♀, 27.viii.1994, leg. JTS (coll. JTS); Bemelen, 1 ♀, 26.vi-8.vii.1996, 2 ♀, 15-25.vii.1996, 1 ♀, 25-31.vii.1996, leg. Lefeber (coll. ZMA).

Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898): already corrected by De Meijere (1928) to *Peribaea fissicornis*.

221. *Actia lamia* (Meigen): De Meijere (1939)**222. *Actia nudibasis* Stein: De Meijere (1939)****223. *Actia pilipennis* (Fallén): De Meijere (1939)****224. *Anthomyiopsis nigrisquamata* (Zetterstedt): fauna spec. nov.**

Localities: Ge.: Voorst, 1 specimen reared ex "*Chrysomela* op wilgen (= on willows)", leg. Wttewaal (coll. ZMA);

Wageningen, 2 ♂, reared 17.v.1990 ex *Phyllodecta*; 1 ♀, idem but emerged 21.v.1990 (coll. IBN); idem, 1 ♀, reared 7.vi.1990 ex *Phyllodecta*, leg. I.T.B.O.N. (coll. BvA).

Notes: The old specimen from Voorst is in bad condition: only thorax and one wing are left. It had been put below the (probably original) label "*hirticornis* Zett." indicating that the arista had been shortly-plumose.

225. *Anthomyiopsis plagioderae* Mesnil: De Meijere (1939) (syn.)

Notes: Specimen, 1 ♀ from Voorst, is still present in coll. NNM. The host, *Plagiodera armoraciae* Laicharting according to Van der Wulp (1863), is not indicated on the label. N.B.: This is not the specimen from Voorst mentioned above. Curiously and confusingly enough, both *Anthomyiopsis* species have been reared by Wttewaal from willows at Voorst !

226. *Aphria longilingua* Rondani: De Meijere (1939) (syn.)**227. *Aphria longirostris* (Meigen): fauna spec. nov.**

Localities: NH.: Hilversum, 2 ♀, .vi.1901, leg. De Meijere (coll. ZMA).

Notes: Incorrectly published as Dutch by De Meijere (1939): specimens mentioned belong to *Aphria longilingua* (see above).

228. *Appendicia truncata* (Zetterstedt): Zeegers (1992)

Localities: 92 records from 24 localities (fig. 31). Dates: Period of flight e.iv - e.vi, once b.iv; oldest record from 1966. Host: *Cerapteryx graminis* (Linnaeus) (coll. LEW).

229. *Atylostoma tricolor* (Mik): fauna spec. nov.

Localities: NB.: Best, 1 ♀, 30.vii.1973; 2 ♂, 17.vii.1975; 1 ♀, 23.viii.1975, leg. BvA (coll. BvA).

230. *Bithia spreta* (Meigen): De Meijere (1939)

231. *Ceranthia abdominalis* Robineau-Desvoidy: Zeegers (1996)

Localities: 21 records from 5 localities (fig. 32). Dates: Period of flight m.vii - m.ix, once b.vi; oldest record from 1934. Host: Geometridae (coll. LEW).

232. *Ceranthia lichtwardtiana* (Villeneuve): fauna spec. nov.

Localities: Dr.: Papenvoort, 1 ♂, 24.vii.1993, leg. BvA; Ge.: 't Harde, 1 ♂, 28.vii.1990, leg. BvA (coll. BvA).

233. *Ceranthia samarensis* (Villeneuve): Zeegers (1996)

Localities: NB.: Udenhout, De Brand, 1 ♂, 2.v.1990; 2 ♂, 16.v.1990; 1 ♀, 29.v.1990; 1 ♀, 19.vi.1990; 1 ♀, 10.vii.1990; 3 ♂, 31.vii.1990; 1 ♂, 7.viii.1990, leg. KNNV Tilburg (coll. ThZ).

234. *Ceromyia bicolor* (Meigen): De Meijere (1939) (not seen)

New localities: 12 records from 6 localities (fig. 33). Dates: Period of flight m.v - m.vi; oldest record from 1916.

235. *Ceromyia monstrosicornis* (Stein): fauna spec. nov.

Localities: NB.: Best, 1 ♀, 30.iv.1983, leg. BvA (coll. BvA).

Notes: This specimen is aberrant in the fact that the parafacialia are almost completely bare.

236. *Ceromyia silacea* (Meigen): De Meijere (1939)

237. *Cleonice callida* (Meigen): De Meijere (1946)

238. *Demoticus plebejus* (Fallén): De Meijere (1939)

239. *Dexiosoma caninum* (Fabricius): De Meijere (1939)

240. *Elfia cingulata* (Robineau-Desvoidy): fauna spec. nov.

Localities: Fl.: Kuinre, Kuinderbos, 1 ♂, 8.vi.1996, leg. BvA (coll. BvA); ZH.: Voorschoten, 1 ♀, 5.x.1993, leg. Beuk (coll. ThZ).

241. *Elfia minutissima* (Zetterstedt): fauna spec. nov.

Localities: Ge.: 't Harde, 1 ♀, 4.viii.1984; 1 ♀, 6.viii.1984; 2 ♀, 10.viii.1984; 1 ♀, 12.viii.1984; 1 ♀, 25.vii.1989; 1 ♀, 28.vii.1990; 2 ♀, 31.v.1993, leg. BvA; Tongeren, 1 ♀, 25.vii.1989; 1 ♀, 10.viii.1989, leg. BvA; De Dellen, 1 ♀, 15.ix.1994, leg. BvA (coll. BvA).

242. *Eloceria delecta* (Meigen): De Meijere (1939) (not seen)

New localities: 69 records from 13 localities (fig. 34). Dates: Period of flight e.vi - e.viii; oldest record seen from 1968.

Notes: Specimen seen by De Meijere considered lost by De Meijere (1928).

243. *Entomophaga nigrohalterata* (Villeneuve): fauna spec. nov.

Localities: NH.: Bentveld, Naaldenveld, 1 ♀, 13.v.1984, leg. HdJ (coll. HdJ).

244. *Ernestia laevigata* (Meigen): Zeegers (1992)

Localities: 27 records from 19 localities (fig. 35). Dates: Period of flight e.iv - b.vi; oldest record from 19th century.

245. *Ernestia puparum* (Fabricius): De Meijere (1939)

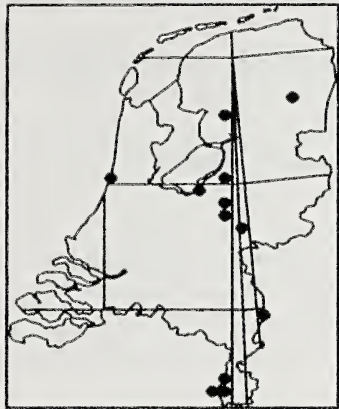
246. *Ernestia rudis* (Fallén): De Meijere (1939)

247. *Ernestia vagans* (Meigen): Van der Wulp & De Meijere (1898) (not seen)

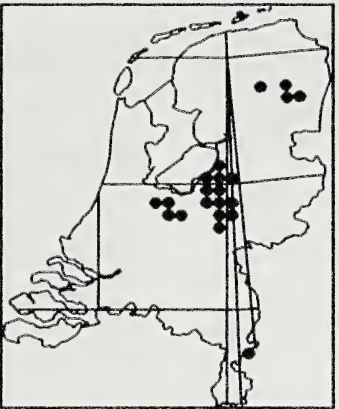
New localities: Ov.: Ootmarsum, Springendal, 1 ♂, 22-27.v.1995, leg. BvA (coll. ThZ); Ge.: Elburg, Schouwenburg, 1 ♀, 12.v.1993, leg. BvA (coll. BvA); Hoog Soeren, 1 ♂, 27.v.1973, leg. Bax (coll. ZMA); NB.: Nuenen, 1 ♀, 22.vi.1971, leg. Verhaak (coll. MEC).

Notes: Record by Van der Wulp & De Meijere (1898) not seen but probably correct. The description by Van der Wulp in unpublished manuscript is quite convincing.

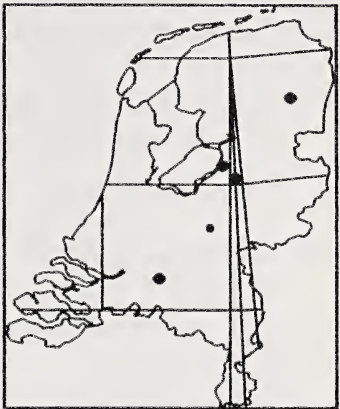
30. *Subclytia rotundiventris*



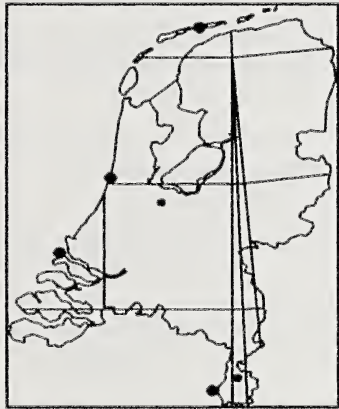
31. *Appendicia truncata*



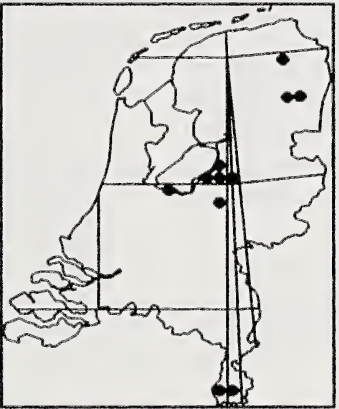
32. *Ceranthia abdominalis*



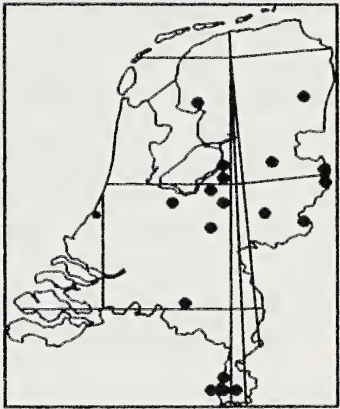
33. *Ceromyia bicolor*



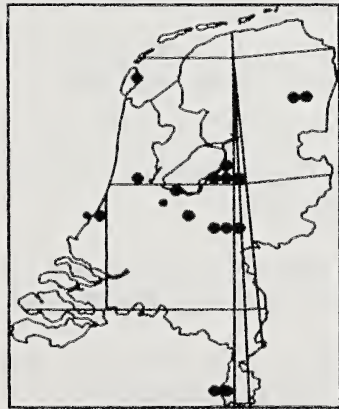
34. *Eloceria delecta*



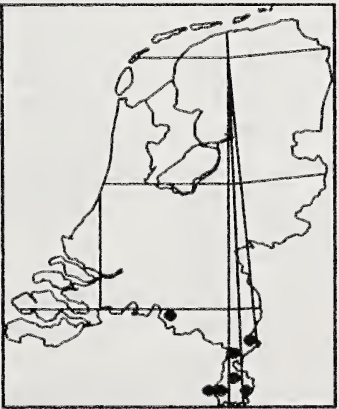
35. *Ernestia laevigata*



36. *Loewia foeda*



37. *Peribaea tibialis*



38. *Siphona paludosa*

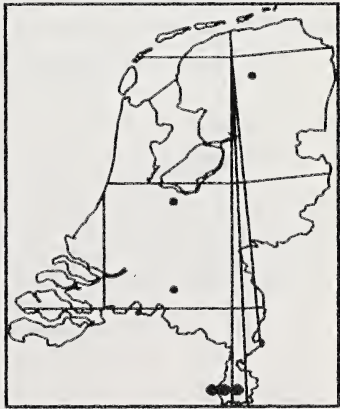


Fig. 30-38. Distribution of Tachinidae in The Netherlands. Small dots: records before 1960 only; large dots: (also) records since 1960.

Not in De Meijere (1939), since incorrectly considered to be synonymous with *Ernestia rudis* (see De Meijere, 1916).

248. *Eurithia anthophila* (Robineau-Desvoidy): De Meijere (1939) (syn.)

249. *Eurithia caesia* (Fallén): fauna spec. nov.

Localities: Li.: Terziet, 1 ♀, 28.v.1987; 2 ♂, 29.v.1987, leg. BvA (coll. BvA); idem, 1 ♂, 29.v.1987, leg. BvA (coll. ThZ).

Notes: Incorrectly published as Dutch by De Meijere (1939): specimens found (from Dinther) belong to *Eurithia consobrina* (coll. ZMA). Incorrectly published as Dutch by Verhaak (1972): specimen belongs to *Eurithia anthophila* (coll. MEC). Incorrectly published as Dutch by Kabos (1974): misidentifications of *Eurithia anthophila* (see above) or *Appendicia truncata* (coll. ZMA).

250. *Eurithia connivens* (Zetterstedt): De Meijere (1939)

251. *Eurithia consobrina* (Meigen): De Meijere (1939)

252. *Eurithia intermedia* (Zetterstedt): De Meijere (1939) (syn.)

253. *Eurithia vivida* (Zetterstedt): fauna spec. nov.

Localities: NB.: Ginneken, 1 ♂, 2.vii., leg. Van der Wulp (coll. ZMA). Locality published by Van der Wulp & De Meijere (1898) as Breda, Mastbosch (specimen incorrectly recorded as *Nemora ruda* Fall.).

Notes: Incorrectly published as Dutch by Kabos (1974): all specimens belong to *E. consobrina*.

254. *Fausta nemorum* (Meigen): Zeegers (1992)

Localities: Ge.: Laag Soeren, 1 ♂, 19.viii.1898; 1 ♂, 1 ♀,

22.viii.1898, leg. Oudemans; "Nederland", 1 ♀, leg. De Meijere (coll. ZMA).

255. *Germania angustata* (Zetterstedt): De Meijere (1939)

256. *Germania ruficeps* (Fallén): De Meijere (1939)

257. *Goniocera schistacea* Brauer & Bergenstamm: fauna spec. nov.

Localities: Ge.: 't Harde, 1 ♀, 6.v.1993, leg. BvA (coll. BvA); De Dellen, 1 ♀, 14.v.1994, leg. BvA (coll. ThZ).

258. *Goniocera versicolor* (Fallén): fauna spec. nov.

Localities: Ov.: Ootmarsum, Springendal, 1 ♂, 18.v.1995, leg. BvA (coll. BvA); NH.: Amsterdam Zuid, 1 ♀, 19.v.1941, leg. De Meijere (coll. ZMA).

259. *Graphogaster brunnescens* Villeneuve: fauna spec. nov.

Localities: Dr.: Borger, 1 ♂, 4-7.viii.1996; Papenvoort, 1 ♂, 7-11.viii.1996; 1 ♀, 17-19.viii.1996, leg. Witmond (coll. BvA); Ge.: Nunspeet, 1 ♂, 1 ♀, 31.vii.1984, leg. Simon Thomas (coll. ZMA); idem, 1 ♂, 31.vii.1984 (coll. ThZ); 't Harde 1 ♂, 14.vii.1985, leg. BvA (coll. BvA).

260. *Gymnochaeta viridis* (Fallén): De Meijere (1939)

261. *Leskia aurea* (Fallén): De Meijere (1939)

262. *Linnaemyia comta* (Fallén): De Meijere (1939)

263. *Linnaemyia olsuffjevi* Zimin: Mosman (1974)

264. *Linnaemyia picta* (Meigen): De Meijere (1939) (syn.)

265. *Linnaemyia tessellans* (Robineau-Desvoidy): De Meijere (1939) (syn.)

266. *Linnaemyia vulpina* (Fallén): De Meijere (1939)**267. *Loewia foeda* (Meigen): De Meijere (1939) (not seen)**

New localities: 64 records from 18 localities (fig. 36).
Dates: Period of flight b.vii - e.ix, once b.vi; oldest record from 1900.

Notes: Probably incorrectly published as Dutch by De Meijere (1939) (not seen). In his unpublished manuscript Van der Wulp describes the ♂ as having the eyes naked, which does not fit *Loewia foeda*.

268. *Loewia phaeoptera* (Meigen): fauna spec. nov.

Localities: NH.: Loosdrecht, 1 ♀, .vi.1936, leg. Kabos; Hilversum, 1 ♀, .vii., leg. De Meijere (coll. ZMA).

269. *Loewia submetallica* (Macquart): De Meijere (1939) (syn.)**270. *Lydina aenea* (Meigen): De Meijere (1939)****271. *Lypha dubia* (Fallén): De Meijere (1939)****272. *Lypha ruficauda* (Zetterstedt): De Meijere (1939)****273. *Macquartia chalconota* (Meigen): fauna spec. nov.**

Localities: Li.: Canne near Maastricht, 1 ♀, 7.viii.1950, leg. Theowald (coll. LEW); Wijlre, 1 ♂, 12.vii.1992 (coll. JTS); idem, 1 ♂, 12.vii.1992, leg. JTS (coll. ThZ).

274. *Macquartia dispar* (Fallén): De Meijere (1939)**275. *Macquartia grisea* (Fallén): De Meijere (1939)****276. *Macquartia praefica* (Meigen): fauna spec. nov.**

Localities: Li.: Cadier, 1 ♀, 15.vi.1971, leg. BvA (coll. ZMA).

277. *Macquartia pubiceps* (Zetterstedt): fauna spec. nov.

Localities: Li.: Sint Pietersberg, 1 ♀, 14.x.1986, leg. BvA (coll. BvA); 1 ♀, 20.vi.1993, leg. Lefeber (coll. ThZ); 1 ♂, 21.viii.1993, leg. BvA; Bemelen, 1 ♂, 13.vii.1994, leg. BvA (coll. BvA).

278. *Macquartia tenebricosa* (Meigen): De Meijere (1939) (syn.)**279. *Macquartia tessellum* (Meigen): De Meijere (1939) (syn.)****280. *Macquartia viridana* Robineau-Desvoidy: fauna spec. nov.**

Localities: ZH.: Hillegom, 1 ♂, .v.1867, leg. Kinker; Li.: Venlo, 1 ♀, leg. Van der Brandt (coll. ZMA).

281. *Macroprosopa atrata* (Fallén): fauna spec. nov.

Localities: Li.: Sint Pietersberg, 1 ♀, 17.vii.1984, leg. BvA (coll. BvA).

Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898): already corrected by De Meijere (1907) to *Zophomyia temula* Scop.

282. *Mintho rufiventris* (Fallén): De Meijere (1939)**283. *Nemoraea pellucida* (Meigen): De Meijere (1939)****284. *Nowickia atripalpis* (Robineau-Desvoidy): Zeegers (1992)**

Localities: Dr.: Surroundings of Assen, 1 ♂, 27.vi.1930, leg. De Meijere (coll. ZMA); Ge.: Apeldoorn, 2 ♂, 27.vii.1911, leg. Koornneef (coll. LEW); Laag Soeren, 1 ♂, 30.vi.1894, leg. Oudemans (coll. ZMA).

Notes: Since the females of *Nowickia atripalpis* and *N. ferox* cannot be separated satisfactorily, only males of *Nowickia atripalpis* have been recorded.

285. *Nowickia ferox* (Panzer): De Meijere (1939)

286. *Pelatachina tibialis* (Fallén): De Meijere (1939)

287. *Peleteria rubescens* (Robineau-Desvoidy): De Meijere (1939) (syn.)

288. *Peleteria ruficornis* (Macquart): De Meijere (1939)

289. *Peribaea fissicornis* (Strobl): De Meijere (1939)

290. *Peribaea hertingi* Andersen: fauna spec. nov.

Localities: Ge.: Hoge Veluwe, 3 ♂, 1 ♀, reared .iii.1967 ex *Bupalus piniaria* (Linnaeus) (coll. ThZ); 2 ♂, 2 ♀, idem, leg. I.T.B.O.N. (coll. LEW).

Notes: not all material previously determined as *Peribaea fissicornis* could be reexamined. Considering the host records above, it seems likely that all so-called *P. fissicornis* reared from *Bupalus* will prove to be *P. hertingi*. The males are not easily separated (the characters given by Andersen (1996) are subject to quite some variation), but the difference between the females is clearcut.

291. *Peribaea longirostris* Andersen: fauna spec. nov.

Localities: Ge.: Tongeren, 1 ♂, 11.vi.1996, leg. BvA (coll. BvA).

292. *Peribaea tibialis* (Robineau-Desvoidy): fauna spec. nov.

Localities: 49 records from 9 localities (fig. 37). Dates: Period of flight m.v - e.vi & m.vii - m.x; oldest record from 1975.

293. *Phytomyptera nigrina* (Meigen): De Meijere (1939)

294. *Pseudopachystylum gonioides* (Zetterstedt): De Meijere (1939)

295. *Siphona boreata* Mesnil: fauna spec. nov.

Localities: Dr.: Borger, 1 ♀, 1-5.vi.1993; Papenvoort, 1 ♀, 4-7.vi.1993; 1 ♂, 28.vii-2.viii.1993; 1 ♂, 1-5.viii.1993; 1 ♂, 14-17.viii.1996, leg. Witmond (coll. BvA); Ov.: Losser, 't Teusink, 1 ♂, 7.viii.1996, leg. BvA; Ge.: Tongeren, 1 ♀, 9.ix.1993, leg. BvA (coll. BvA).

***Siphona confusa* Andersen nec Mesnil, see *Siphona variata* Andersen**

296. *Siphona confusa* Mesnil: fauna spec. nov.

= *Siphona mesnili* Andersen

Localities: Dr.: Borger, 1 ♀, 1.v.1993, leg. BvA; Ge.: 't Harde, 1 ♂, 25.iv.1993, leg. BvA (coll. BvA); NH.: Overveen, 1 ♂, 8.v.1975, leg. BvA; Ze.: Schelphoek, Schouwen, 1 ♂, 22.v.1996, leg. BvA (coll. ThZ).

Notes: The genitalia of some males have been examined to confirm the identity.

297. *Siphona cristata* (Fabricius): De Meijere (1939)

298. *Siphona flavifrons* Staeger: fauna spec. nov.

Localities: Li.: Sint Pietersberg, 2 ♂, 27.vii.1986; 1 ♂, 5.viii.1986, leg. BvA; Onderste Bos near Epen, 1 ♀, 26.vii.1965, leg. Meuffels (coll. BvA).

Notes: Incorrectly published as Dutch by Van der Wulp & De Meijere (1898): specimens seen belong to *S. geniculata* (coll. ZMA).

299. *Siphona geniculata* auct. nec (DeGeer): De Meijere (1939)

300. *Siphona hokkaidensis* Mesnil: fauna spec. nov.

= *Siphona nigricans* sensu Herting

Localities: Dr.: Borger, 1 ♂, 11-14.viii.1996, leg. Witmond (coll. ZMA).

301. *Siphona ingerae* Andersen: fauna spec. nov.

Localities: NH.: Overveen, 1 ♀, 8.v.1974 (coll. ZMA); 1 ♀, 3.vi.1974, leg. BvA (coll. BvA); ZH.: Den Haag, 1 ♀, .v., leg. Van der Wulp (coll. NNM).

302. *Siphona maculata* Staeger: De Meijere (1939)**303. *Siphona paludosa* Mesnil: fauna spec. nov.**

Localities: 23 records from 6 localities (fig. 38). Dates: Period of flight b.v - e.ix, two or three generation yearly; oldest record from 1895.

304. *Siphona pauciseta* Rondani: fauna spec. nov.

Localities: 42 records from 26 localities (fig. 39). Dates: Period of flight m.iv - b.ix, possibly two generations yearly; oldest record from 1951. Host: *Mythimna straminea* (Treitschke) (coll. ZMA).

305. *Siphona setosa* Mesnil: fauna spec. nov.

Localities: Fr.: Fochtelo, 1 ♂, 21.viii.1973; 1 ♂, 7. viii.1974, leg. BvA; Schoonebeek, 2 ♀, 5.ix.1974, leg. BvA; Ge.: 't Harde, 1 ♂, 15.viii.1984; 1 ♂, 7.ix.1984; 1 ♂, 28.viii.1989; 1 ♂, 6.viii.1992, leg. BvA; Tongeren, 1 ♂, 9.ix.1993, leg. BvA (coll. BvA); NH.: Santpoort, 1 ♀, 26.vii.1940, leg. Kabos (coll. ZMA).

306. *Siphona variata* Andersen: fauna spec. nov.

= *Siphona confusa* sensu Andersen (nec Mesnil)

Localities: Ge.: 't Harde, 1 ♂, 17.viii.1993; 1 ♂, 1 ♀, 25.viii.1985, leg. BvA; NH.: Vogelenzang, 1 ♀, 21.v.1993, leg. BvA (coll. BvA); ZH.: Bierlap near Wassenaar, 1 ♀, 30.v.1966, leg. Delfos; Duinrel near Wassenaar, 1 ♂, 1 ♀, 5.v.1967; 1 ♂, 22.v.1967; 1 ♀, 4. viii.1967, leg. Pronk (coll. NNM); Ze.: Haamstede, 1 ♂, 11.v.1994, leg. BvA (coll. BvA).

Notes: Most Dutch specimen resemble f. *confusa* Andersen, but some are intermediate between f. *confusa* and f. *variata*.

307. *Solieria fenestrata* (Meigen): fauna spec. nov.

Localities: 45 records from 5 localities (fig. 40). Dates: Period of flight m.v - m.vi & m.vii - e.viii, once e.ix; oldest record from 1973.

Notes: In De Meijere (1939) incorrectly published as *Myiobia fuscana* R.D. with *M. fenestrata* Mg. as synonym: specimens belong to

Solieria pacifica (coll. ZMA).

308. *Solieria inanis* (Fallén): fauna spec. nov.

Localities: Li.: Cadier, 1 ♂, 19.vii.1961, leg. Kabos (coll. ZMA).

Notes: In De Meijere (1939) incorrectly published as *Myiobia inanis* Fall.: specimens belong to *Solieria pacifica* (coll. ZMA).

309. *Solieria pacifica* (Meigen): De Meijere (1939) (syn.)

Notes: In De Meijere (1939) incorrectly published as *Myiobia inanis* Fall. and as *Myiobia fuscana* R.D.

310. *Tachina fera* (Linnaeus): De Meijere (1939)**311. *Tachina grossa* (Linnaeus): De Meijere (1939)****312. *Tachina lurida* (Fabricius): Zeegers (1992)**

Localities: 21 records from 15 localities (fig. 41). Dates: Period of flight e.iv - b.vii; oldest record from 1947.

Notes: Previous records by Dutch authors (Van der Wulp & De Meijere (1898), Kabos (1974)) refer to *Tachina ursina* (coll. ZMA) (see also De Meijere, 1928).

313. *Tachina magnicornis* (Zetterstedt): De Meijere (1939)

Notes: In my opinion, *Tachina nupta* (Rondani) is at best only a variety of *Tachina magnicornis*. Therefore records of *nupta*-like specimens have been included in *magnicornis*.

314. *Tachina ursina* (Meigen): De Meijere (1939)**315. *Triarthria setipennis* (Fallén): De Meijere (1939)**

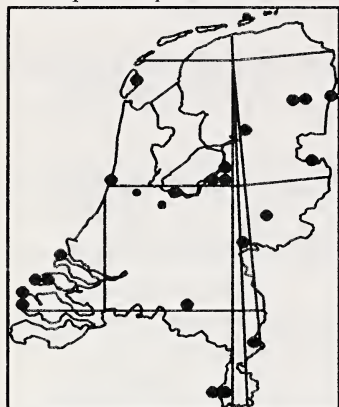
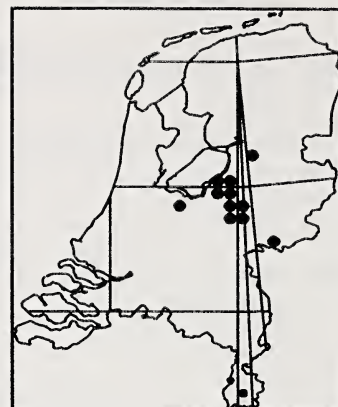
39. *Siphona pauciseta*40. *Solieria fenestrata*41. *Tachina lurida*

Fig. 39-41. Distribution of Tachinidae in The Netherlands. Small dots: records before 1960 only; large dots: (also) records since 1960.

316. *Zophomyia temula* (Scopoli): De Meijere (1939)

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My work has profitted from the earlier work of Lie-

kele Sijstermans. He has found many species new for the Dutch fauna, but all of his discoveries remained unpublished. The species numbered 34, 36, 69, 72, 95, 100, 102, 103, 104, 109, 153, 157, 176, 191, 194, 195, 196, 205, 211, 212, 213, 217, 226, 229, 292 and 306 have actually first been recognized as Dutch by him. In the same way B. Herting has first discovered 7, 96, 167 and 179, H. de Jong 81 and 243, L. P. Mesnil 50, N. Baranoff 67, J. Bax 81 and H. J. G. Meuffels 97. Many Dutch dipterologists have contributed to this checklist by looking for Tachinidae. I have enjoyed the excursions with them and the hours in the collection-room. Finally, I thank Esther van den Heuvel for a year of "bed and breakfast", for showing me her tachinid fly (*Estheria bohemani*) in the dunes at Overveen, the hours walking in the field, and all the rest.

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APPENDIX 1

Species only known from localities which are doubtfully Dutch

Ceromasia rubrifrons (Macquart)

Notes: In Dutch collection of ZMA, without indication of locality, 1 specimen (heavily damaged) reared ex *Zygaena trifolii* (Esper). This specimen might be truly of Dutch origin.

Exorista species near *civilis* (Rondani)

Notes: 1 specimen labelled "Nederland" in coll. ZMA: species not west-palaearctic and therefore specimen cannot be of Dutch origin.

Leucostoma meridianum (Fallén)

Notes: 1 ♀, in coll. ZMA labelled "Nederland" by De Meijere. Given the European distribution of *Leucostoma meridianum*, the Dutch origin of this specimen seems more than doubtful. Therefore, *Leucostoma meridianum* is not considered Dutch (see also introduction).

APPENDIX 2

Species deleted from the Dutch list of De Meijere (1939) and afterwards***Dufouria nigrata* (Fallén)**

Notes: Incorrectly published in De Meijere (1939) as *Ptilops nigrata*: specimens belong to *Dufouria chalybeata* (coll. ZMA).

***Leiophora innoxia* (Meigen)**

Notes: Incorrectly published in De Meijere (1939) as *Arrhinomyia innoxia*: only specimen found belongs to *Medina separata* (coll. ZMA).

Neaera laticornis* (Meigen)**Neaera albicollis* (Meigen)**

Notes: *Neaera laticornis* first published, probably incorrectly, as Dutch as *Thryptocera laticornis* Meig. by Van der Wulp & Snellen van Vollenhoven (1856) and as *Neaera laticornis* Meig. by Van der Wulp & De Meijere (1898) (not seen). *Neaera albicollis* first published, probably incorrectly, as Dutch by De Meijere (1928) (not seen) with *laticornis* as synonym. However, De Meijere (1928) could not find the specimen and considered it lost. Erroneously published as both *N. laticornis* Mg. and *N. albicollis* Mg. by De Meijere (1939): there has never been more than one specimen (at least not published). *Neaera laticornis* is also absent in the manuscript by Van der Wulp (as already observed by De Meijere (1928)), this makes the record by Van der Wulp & Snellen van Vollenhove (1856) even more improbable.

***Prosopaea nigricans* (Egger)**

Notes: Already removed from the Dutch list by De Meijere (1946).

***Phorocera erecta* (Coquillett)**

Notes: Published as *Phorocera erecta* Coq. by De Meijere (1939) (not seen). Specimen imported from Canada and therefore not originally Dutch (see De Meijere (1928)).

***Redtenbacheria insignis* Egger**

Notes: Incorrectly published as Dutch by Kabos (1974) without additional information. The only specimen found (coll. NNM) is clearly from Swiss origin.

***Rondania cucullata* Robineau-Desvoidy**

Notes: Incorrectly published as Dutch in De Meijere (1939), incorrectly with *R. dimidiata* as synonym: all specimens belong to *Rondania dispar* (coll. ZMA, LEW).

***Trixa alpina* (Meigen)**

Notes: Published as Dutch by Theowald (1953) (not seen), probably incorrectly (see *Trixa caerulea* above).

APPENDIX 3

Reference between the Tachinidae-checklist by De Meijere (1939) and this checklist.
Species have only been mentioned when their names on both lists are not identical.

<i>Actia bicolor</i> Mg.	234.	<i>Ceromyia bicolor</i> (Meigen)
<i>Actia fissicornis</i> Strobl	289.	<i>Peribaea fissicornis</i> (Strobl)
<i>Actia silacea</i> Mg.	236.	<i>Ceromyia silacea</i> (Meigen)
<i>Aetylia affinis</i> Fall.	128.	<i>Huebneria affinis</i> (Fallén)
<i>Aetylia agnata</i> Rnd.	159.	<i>Phryxe nemea</i> (Meigen)
<i>Aetylia bonsdorffi</i> Zett.	137.	<i>Myxexoristops bonsdorffi</i> (Zetterstedt)
<i>Aetylia confinis</i> Fall.	87.	<i>Aplomyia confinis</i> (Fallén)
<i>Aetylia fimbriata</i> Mg.	159.	<i>Phryxe nemea</i> (Meigen)
<i>Aetylia glauca</i> Mg.	146.	<i>Phebellia glauca</i> (Meigen)
<i>Aetylia hortulana</i> Mg.	142.	<i>Nilea hortulana</i> (Meigen)
<i>Aetylia libatrix</i> Panz.	182.	<i>Zenillia libatrix</i> (Panzer)
<i>Aetylia lota</i> Mg.	142.	<i>Nilea hortulana</i> (Meigen)
<i>Aetylia mitis</i> Mg.	119.	<i>Eumea mitis</i> (Meigen)
<i>Aetylia westermanni</i> Zett.	118.	<i>Eumea linearicornis</i> (Zetterstedt)
<i>Alophora obesa</i> F.	215.	<i>Phasia obesa</i> (Fabricius)
<i>Alophora pusilla</i> Mg.	216.	<i>Phasia pusilla</i> Meigen
<i>Anachaetopsis ocypterina</i> Zett.	65.	<i>Ligeria angusticornis</i> (Loew)
<i>Anoxycampa hirta</i> Big.	162.	<i>Pseudoperichaeta nigrolineata</i> (Walker)
<i>Aphria longirostris</i> Rnd.	226.	<i>Aphria longilingua</i> Rondani
<i>Arrhinomyia innoxia</i> Mg.	68.	<i>Medina separata</i> (Meigen)
<i>Atractochaeta angustata</i> Zett.	255.	<i>Germaria angustata</i> (Zetterstedt)
<i>Bavaria jucunda</i> Mg.	107.	<i>Cyzenis albicans</i> (Fallén)
<i>Bigonichaeta setipennis</i> Fall.	315.	<i>Triarthria setipennis</i> (Fallén)
<i>Blepharomyia amplicornis</i> Zett.	5.	<i>Blepharomyia angustifrons</i> Herting
<i>Carcelia excisa</i> Fall.	-	Undetermined species of <i>Senometopia</i>
<i>Carcelia flavicans</i> Macq.	166.	<i>Senometopia pollinosa</i> (Mesnil)
<i>Carcelia phalaenaria</i> Rnd.	105.	<i>Carcelia tibialis</i> (Robineau-Desvoidy)
<i>Catharosia pygmaea</i> Fall.	183.	<i>Catharosia albisquama</i> (Villeneuve)
<i>Ceromasia nigripes</i> Fall.	51.	<i>Blondelia nigripes</i> (Fallén)
<i>Ceromasia sordid squama</i> Zet	73.	<i>Oswaldia muscaria</i> (Fallén)
<i>Ceromasia stabulans</i> Mg.	130.	<i>Lydella stabulans</i> (Meigen)
<i>Chaetogena assimilis</i> Fall.	80.	<i>Phorocera assimilis</i> (Fallén)
<i>Chaetogena vernalis</i> R.D.	82.	<i>Phorocera obscura</i> (Fallén)
<i>Clytiomyia pellucens</i> Fall.	202.	<i>Heliozeta pellucens</i> (Fallén)
<i>Crocota cristata</i> F.	297.	<i>Siphona cristata</i> (Fabricius)
<i>Crocota geniculata</i> de G.	299.	<i>Siphona geniculata</i> auct. nec (DeGeer)
<i>Crocota maculata</i> Staeg.	302.	<i>Siphona maculata</i> Staeger
<i>Cuphocera ruficornis</i> Macq.	288.	<i>Peleteria ruficornis</i> (Macquart)
<i>Cystogaster globosa</i> F.	186.	<i>Cistogaster globosa</i> (Fabricius)
<i>Cystogaster nitens</i> Mg.	199.	<i>Gymnosoma nitens</i> Meigen
<i>Degeeria collaris</i> Fall.	66.	<i>Medina collaris</i> (Fallén)
<i>Degeeria luctuosa</i> Mg.	68.	<i>Medina separata</i> (Meigen)
<i>Dionaea digramma</i> Mg.	218.	<i>Weberia digramma</i> (Meigen)
<i>Diplostichus janithrix</i> Hart.	57.	<i>Diplostichus janithrix</i> (Hartig)

<i>Elodia cloacellae</i> Kram.	113.	<i>Elodia ambulatoria</i> (Meigen)
<i>Elodia tragica</i> Mg.	-	Undetermined species (not <i>Elodia morio</i>)
<i>Erynnia nitida</i> R.D.	117.	<i>Erynnia ocypterata</i> (Fallén)
<i>Estheria costata</i> Mg.	21.	<i>Estheria cristata</i> (Meigen)
<i>Eversmannia ruficauda</i> Zett.	272.	<i>Lypha ruficauda</i> (Zetterstedt)
<i>Eurythea scutellaris</i> R.D.	120.	<i>Eurysthaea scutellaris</i> (Robineau-Desvoidy)
<i>Eurythia caesia</i> Fall.	251.	<i>Eurithia consobrina</i> (Meigen)
<i>Fabriciella ferox</i> Panz.	285.	<i>Nowickia ferox</i> (Panzer)
<i>Gastrolepta pullula</i> Zett.	225.	<i>Anthomyiopsis plagioderæ</i> Mesnil
<i>Goedartia praecox</i> Mg.	9.	<i>Campylochaeta praecox</i> (Meigen)
<i>Gonia fasciata</i> Mg.	126.	<i>Gonia picea</i> (Robineau-Desvoidy)
<i>Gymnopeza albipennis</i> Zett.	24.	<i>Freraea gagatea</i> Robineau-Desvoidy
<i>Helocera delecta</i> Mg.	242.	<i>Eloceria delecta</i> (Meigen)
<i>Histochoeta marmorata</i> F.	170.	<i>Thelymorpha marmorata</i> (Fabricius)
<i>Larvaevora fera</i> L.	310.	<i>Tachina fera</i> (Linnaeus)
<i>Larvaevora grossa</i> L.	311.	<i>Tachina grossa</i> (Linnaeus)
<i>Larvaevora magnicornis</i> Zett.	313.	<i>Tachina magnicornis</i> (Zetterstedt)
<i>Linnaemyia compta</i> Fall.	262.	<i>Linnaemyia compta</i> (Fallén)
<i>Linnaemyia haemorrhoidalis</i> Fall.	264.	<i>Linnaemyia picta</i> (Meigen)
<i>Linnaemyia pudica</i> Rond.	265.	<i>Linnaemyia tessellans</i> (Robineau-Desvoidy)
<i>Loewia foeda</i> Mg.	267.	<i>Loewia foeda</i> (Meigen) ? (not sure)
<i>Loewia setibarba</i> Egg.	269.	<i>Loewia submetallica</i> (Macquart)
<i>Lydella nigripes</i> Fall.	51.	<i>Blondelia nigripes</i> (Fallén)
<i>Macquartia nitida</i> Zett.	278.	<i>Macquartia tenebricosa</i> (Meigen)
<i>Macquartia occlusa</i> Rond.	279.	<i>Macquartia tessellum</i> (Meigen)
<i>Masicera sylvatica</i> Fall.	133.	<i>Masicera sylvatica</i> (Fallén)
<i>Megalochaeta conspersa</i> Mg.	168.	<i>Smidtia conspersa</i> (Meigen)
<i>Meriania puparum</i> F.	245.	<i>Ernestia puparum</i> (Fabricius)
<i>Myiobia fuscana</i> R.D.	309.	<i>Solieria pacifica</i> (Meigen)
<i>Myiobia inanis</i> Fall.	309.	<i>Solieria pacifica</i> (Meigen)
<i>Myiocera carinifrons</i> Fall.	13.	<i>Dinera carinifrons</i> (Fallén)
<i>Myiocera ferina</i> Fall.	14.	<i>Dinera ferina</i> (Fallén)
<i>Naea albicollis</i> Mg.	-	Not Dutch (App. 2)
<i>Naea laticornis</i> Mg.	-	Not Dutch (App. 2)
<i>Neaeropsis incurva</i> Zett.	78.	<i>Picconia incurva</i> (Zetterstedt)
<i>Ocypterula pusilla</i> Mg.	192.	<i>Cylindromyia pusilla</i> (Meigen)
<i>Peleteria nigricornis</i> Mg.	287.	<i>Peleteria rubescens</i> (Robineau-Desvoidy)
<i>Phania vittata</i> Mg.	204.	<i>Hemyda vittata</i> (Meigen)
<i>Phorocera agilis</i> R.D. Stein	76.	<i>Parasetigena silvestris</i> (Robineau-Desvoidy)
<i>Phorocera erecta</i> Coq.	-	Not Dutch (App. 2)
<i>Plagia elata</i> Mg.	25.	<i>Hyleorus elatus</i> (Meigen)
<i>Platychira conjugata</i> Zett.	252.	<i>Eurithia intermedia</i> (Zetterstedt)
<i>Platychira connivens</i> Mg.	250.	<i>Eurithia connivens</i> (Zetterstedt)
<i>Platychira consobrina</i> Mg.	251.	<i>Eurithia consobrina</i> (Meigen)
<i>Platychira radicum</i> L.	248.	<i>Eurithia anthophila</i> (Robineau-Desvoidy)
<i>Prosopaea nigricans</i> Egg.	-	Not Dutch (App. 2)
<i>Pseudopachystylum goniaeoides</i> Zett.	294.	<i>Pseudopachystylum gonioides</i> (Zetterstedt)
<i>Ptilops chalybeata</i> Mg.	16.	<i>Dufouria chalybeata</i> (Meigen)
<i>Ptilops nigrita</i> Fall.	16.	<i>Dufouria chalybeata</i> (Meigen)

<i>Rhacodineura antiqua</i> Mg.	143.	<i>Ocytata pallipes</i> (Fallén)
<i>Rondania cucullata</i> R.D.	35.	<i>Rondania dispar</i> (Dufour)
<i>Servillia ursina</i> Mg.	314.	<i>Tachina ursina</i> (Meigen)
<i>Staurochaeta vibrissata</i> Rond.	162.	<i>Pseudoperichaeta nigrolineata</i> (Walker)
<i>Stomatomyia acuminata</i> Rnd.	53.	<i>Chaetogena acuminata</i> Rondani
<i>Sturmia inconspicua</i> Mg.	111.	<i>Drino inconspicua</i> (Meigen)
<i>Sturmia scutellata</i> R.D.	90.	<i>Blepharipa pratensis</i> (Meigen)
<i>Syntomogaster exigua</i> Mg.	26.	<i>Microsoma exiguum</i> (Meigen)
<i>Tricholyga sorbillans</i> Wied.	59.	<i>Exorista grandis</i> (Zetterstedt)
<i>Trichoparia blanda</i> Fall.	44.	<i>Admontia blanda</i> (Fallén)
<i>Trichoparia decorata</i> Zett.	47.	<i>Admontia seria</i> (Meigen)
<i>Trichoparia seria</i> Mg.	47.	<i>Admontia seria</i> (Meigen)
<i>Trixa grisea</i> Mg.	39.	<i>Trixa caerulea</i> Meigen
<i>Viviania cinerea</i> Fall.	86.	<i>Zaira cinerea</i> (Fallén)
<i>Voria trepida</i> Mg.	3.	<i>Athrycia trepida</i> Meigen
<i>Wagneria carbonaria</i> Panz.	27.	<i>Periscepsia carbonaria</i> (Panzer)
<i>Wagneria latifrons</i> Zett.	31.	<i>Ramonda latifrons</i> (Zetterstedt)
<i>Wagneria nigrans</i> Mg.	27.	<i>Periscepsia carbonaria</i> (Panzer)
<i>Weberia pseudofunesta</i> Vill.	210.	<i>Phania funesta</i> (Meigen)
<i>Winthemia amoena</i> Mg.	173.	<i>Timavia amoena</i> (Meigen)
<i>Winthemia xanthogastra</i> Rnd. Stein.	175.	<i>Winthemia bohemani</i> (Zetterstedt)