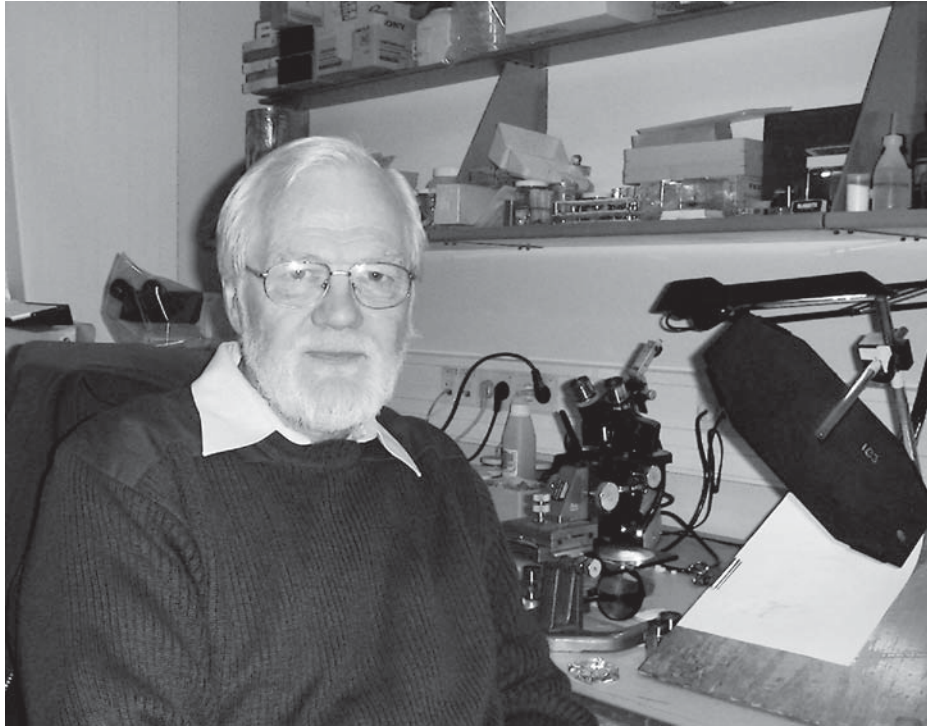


## Obituary. Некролог



### Michael Ilmari Saaristo (1938–2008)

Michael Ilmari Saaristo was born in Viipuri (Viiborg, Vyborg), Karelia (now part of Russia), 1 September 1938, and he died in Turku, 27 April 2008. Most friends and many colleagues knew him as Mikko.

His father was Toivo Ilmari (nicknamed Ipa) Saaristo and mother Lidia Saaristo. Michael was married to Eila, and they have daughter Heli and son Juha, and two grandchildren. Michael graduated from high school in Tampere in 1960. He studied in the Department of Biology, University of Turku, and received his MSc in 1968 and his PhD in 1977 (thesis: Secondary genital organs in the taxonomy of Lepthyphantinae (Araneae, Linyphiidae)) and received a docentship in 1979.

Almost all of Michael's career was connected with the University of Turku. He started as a Teaching Assistant and Lecturer in Zoology in 1966. During the last twenty years until retirement in the autumn of 2003, he worked first as Curator and later as Head Curator of the Zoological Museum, University of Turku. In his museum work, Michael spent much time organizing documentation of samples, and based on his activity, a marked proportion of spider, as well as of insect, collections has been written into databases in Turku.

Michael's interest in zoology started, as for so many others, from bird-watching and insect (especially but-

terfly and moth) collecting. These and fishing remained his incessant hobbies. His scientific studies started with a revision of mayfly genus *Caenis*, but soon he turned into spiders. He said that spiders, as morphologically very interesting animals, attracted him to start working with them. Michael was excellent scientific artist and he made the majority of drawings in Pekka T. Lehtinen's dissertation (1967), and also drawings for some other papers by Lehtinen. Michael presented his drawing methods in the 4<sup>th</sup> International Congress of Arachnology, Paris, in 1968 (abstract in the Proceedings, p. 188). His first arachnological paper was a revision of the linyphiid genus *Maro* (1971). His research and publishing in spider taxonomy and systematics were most active in the 1970s, and again from the early 1990s to the present. In the 1970s he published papers on linyphiids and nesticids, and one on Seychelles Islands spiders. During the second period of arachnology, co-operation with several foreign colleagues was marked, especially with Andrei V. Tanasevitch. The beginning of this second active research time was probably connected with the 11<sup>th</sup> International Congress of Arachnology in Turku, 1989, where Michael met several younger colleagues. During this period, Michael studied Micronetinae (of Linyphiidae) and Oonopidae, in particular. He also wrote many papers (about twenty

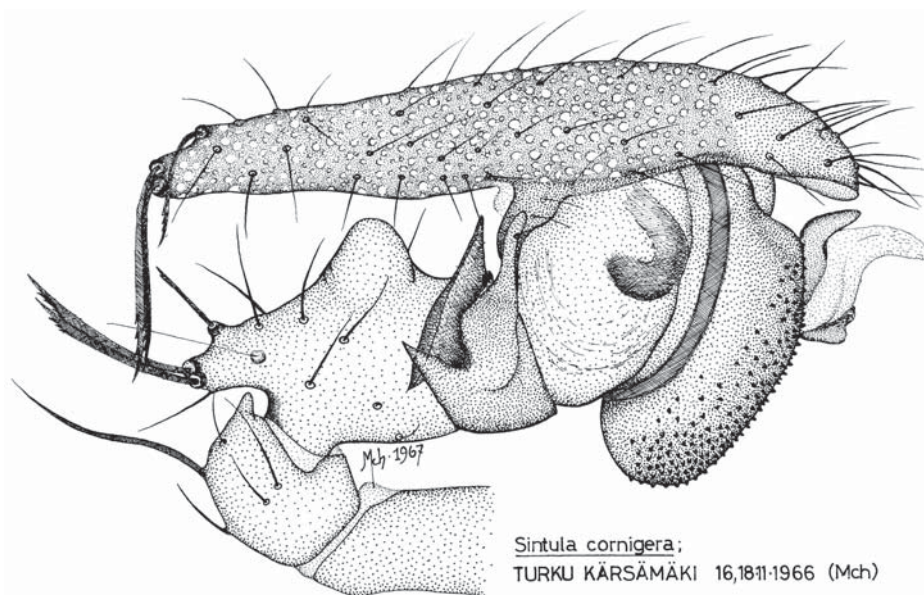


Fig. 1. Example of the perfect drawing of Michael. This figure was never published. Michael gifted it to his wife.

Рис. 1. Образец замечательного рисунка Микаэля. Рисунок ранее никогда не публиковался. Микаэль подарил его своей жене.

ty) on Seychellian spiders. In between these two arachnological periods, in the 1980s, though Michael had heavy teaching duties, he also studied entomological themes. Altogether he wrote more than 60 publications on spiders. Michael described about 70 new genera and 125 new species of spiders. Michael also published papers on ants (Formicidae: 5 papers) and mayflies (Ephemeroptera: 9 papers). He also produced many course manuals.

Michael made expeditions to Sri Lanka (1969 and 1973), Seychelles (1975 and 1999), Kazakhstan (1990) and Rocky Mountains, USA (1974). He has participated in arachnological congresses and colloquiums in Paris (1968), Amsterdam (1974), Turku (1989), Aarhus (2000) and Gent (2004). In 2004 he made a research trip to Beijing.

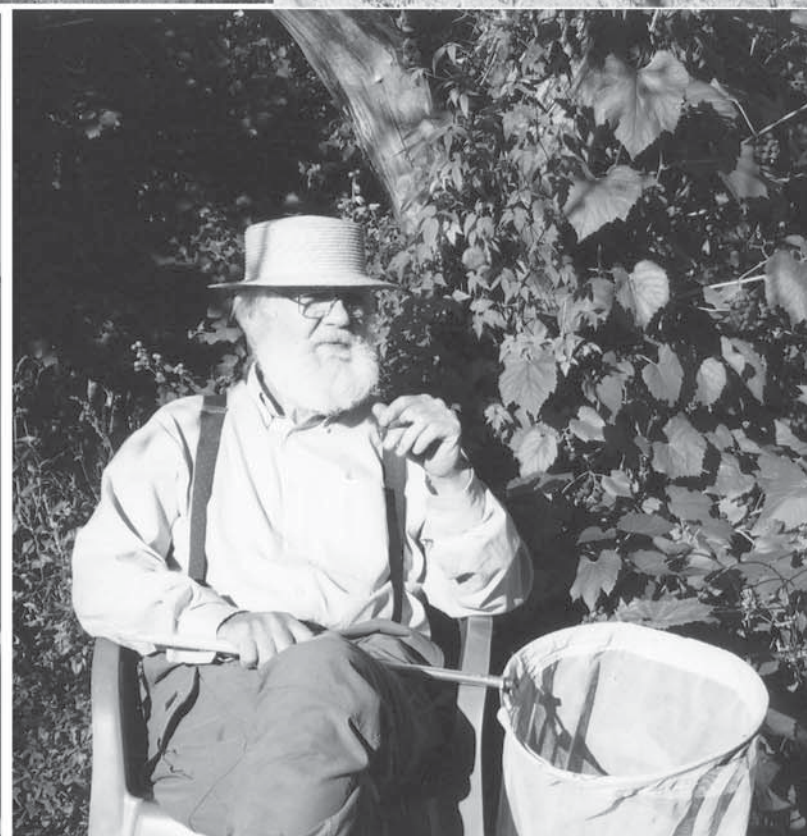
A.F. Millidge named a linyphiid genus *Saaristoa* after Michael Saaristo in 1978. The following species have been named after him: *Maro saaristoi* Eskov, 1980, *Theoneta saaristoi* Eskov & Marusik, 1991, *Agyneta saaristoi* Tanasevitch, 2000, *Microbianor saaristoi* Logunov, 2000 and *Wabasso saaristoi* Tanasevitch, 2006. In the present number of *Arthropoda Selecta*, there are descriptions of *Saaristattus*, *Berylestis saaristoi*, *Pelycinus saaristoi* and *Perlongipalpus saaristoi*. The International Society of Arachnology (ISA) conferred an honorary membership on him in 2007.

Michael's hobbies were fishing, creating and tying fishing flies, gardening, bird-watching and bird feeding, lepidopterology, philately, and history of Luftwaffe (German military aviation).

He was especially keen on fishing, both ice-hole jigging and rod-fishing. Michael participated in several fishing competitions, and also at the level of the Finnish championship. In 1995 he won a gold medal after catching "the relatively largest fish of the year", a big Baltic herring (ca 0.5 kg). Michael gave often a part of his fish catches (e.g., pike-perch and herring) to colleagues and foreign visitors.

Michael had a nice garden with many flowers, productive apple trees and different berry bushes, such as raspberries, gooseberries and currants. He was always active in his garden. In 2006 and 2007, YM visited Michael frequently while working on joint-papers on Oonopidae. Michael, then weak and using crutches, always involved YM with some garden work, carrying flower-pots, digging out weeds, watering and fertilizing flowers, etc. Michael connected his gardening with lepidopterology; he had several plants that were very attractive to butterflies and moths. Many lepidopterists visited his garden to collect migrating hawk-moths from special odorous tobacco plants. As a lepidopterist Michael was a professional, although he did not publish any scientific papers. He was an active collector, reared larvae and had light trapping programs with several colleagues and with his son. Michael participated often in a local competition of "back yard" bird-watching in his own garden with very good results, as he saw a few rare bird species. He had feeding places for birds, some near the windows. Tits, sparrows and woodpigeons were tame in his garden. Sometimes sparrows and tits landed on his shoulders or head.

Fig 2. Michael and his another field of study and hobbies: 1) Study of ants, 2) birdwatching, 3) fishing and 4) collecting moths.  
Рис. 2. Микаэль и его другие направления исследований и увлечения: 1) мирмекология, 2) birdwatching, 3) рыбалка и 4) коллектирование бабочек.



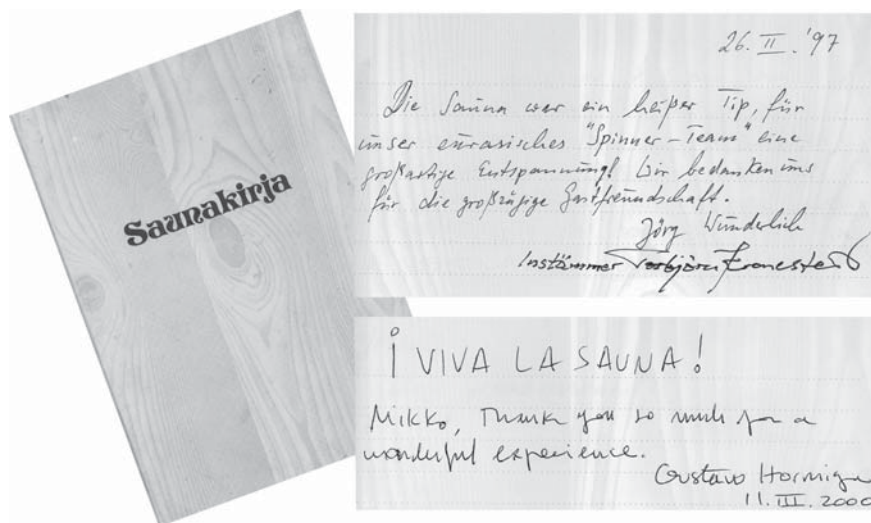


Fig. 3. Famous "Saunakirja" and some acknowledgments left by Jörg Wunderlich, Torbjörn Kronestedt and Gustavo Hormiga.  
Рис. 3. Знаменитая "Saunakirja" и замечания оставленные в ней Jörg Wunderlich, Torbjörn Kronestedt и Gustavo Hormiga.

Michael had a respectable and dignified appearance; some of his colleagues called him "Hemingway". In his later years, Michael, especially when having long, white hair and beard and with kind eyes, looked like Santa-Claus without a mask.

As is common in Finland, all arachnologists visiting Michael had an opportunity to try his famous sauna. He kept all records in his Saunakirja (Sauna guest book) where guests wrote their comments.

During the last three years, Michael was seriously ill. He was taking strong medicines that did not allow him to work much. Nevertheless, he used all opportunities to work on spiders. Though the last time he visited his working place in Museum was in September 2006, he continued to work at home. Even when it was hard for him to walk, he finished his large paper in Israeli Oonopidae, prepared several presentations for the Brazilian Congress, almost finished his book on spiders of Seychellian islands, submitted papers on new subfamily of Linyphiidae and new genus of oonopid spiders from Crimea (which is still in press). He worked on some Erigonine spiders, but these works were not finished. Sometimes he forgot to take his pills on time, but remembered all the fine details about different spiders.

### Contributions to arachnology

Contributions by Michael to the Arachnology are very considerable, and these contributions were acknowledged by electing him as an honorary member of the ISA. He did not publish many papers, but those he did are both fundamental and innovative.

Michael worked in different fields, but the diversity of his activities can be grouped into four main parts, listed here chronologically:

- 1) Micronetinae taxonomy (30 publications).
- 2) Seychellian spiders, taxonomy and faunistic (22).

3) Erigoninae of Northern Holarctic (3).

4) Oonopidae taxonomy (8).

Some of the works fall in two categories and were counted twice (Oonopidae and Seychellian studies, or Micronetinae and Seychellian studies). About half of his works are published with co-authors: A.V. Tanasevitch (10), Yu.M. Marusik (7 & 1 in press), J. Gerlach (4), P.T. Lehtinen (4), S. Koponen (2), S. Li (2), L. Tu (2), J. Wunderlich (2), K. Yu. Eskov (1), J. Murphy (1) and some non-arachnologists. Michael described 70 genera (including one in press) and 126 species (including one in press).

By number of publications, Micronetinae was his main interest. He described 30 genera and 33 species (more species but less genera were described in Oonopidae). Michael started to study Micronetinae during his student years, and his first paper was a revision of *Maro*. This and following works on Micronetinae are fundamental. He provided numerous excellent (from scientific and aesthetic point of view) figures, dissected palps and epigynes (by microtome) to understand fine structures and their functions. Because of this innovation, he was the first who recognized that there are no true tubes inside the Micronetinae (and Linyphiidae in general) epigynes, but only folds (forming kinds of tubes). Michael was the first to homologize parts of the embolic division among micronetines. In the early 1990s he made impressive plates showing, in multi-colours, homologous parts of embolic division in 37 genera. These figures gave much more impression than many pages of text. Michael was eager to publish them, but unfortunately he had not found proper journal or enough money. Here we present them on pages 8–11. These figures helped Michael and his collaborators much in further studies. After meeting with A. Tanasevitch who just finished his PhD on *Lepthyphantes* in the former Soviet Union, they started working to-

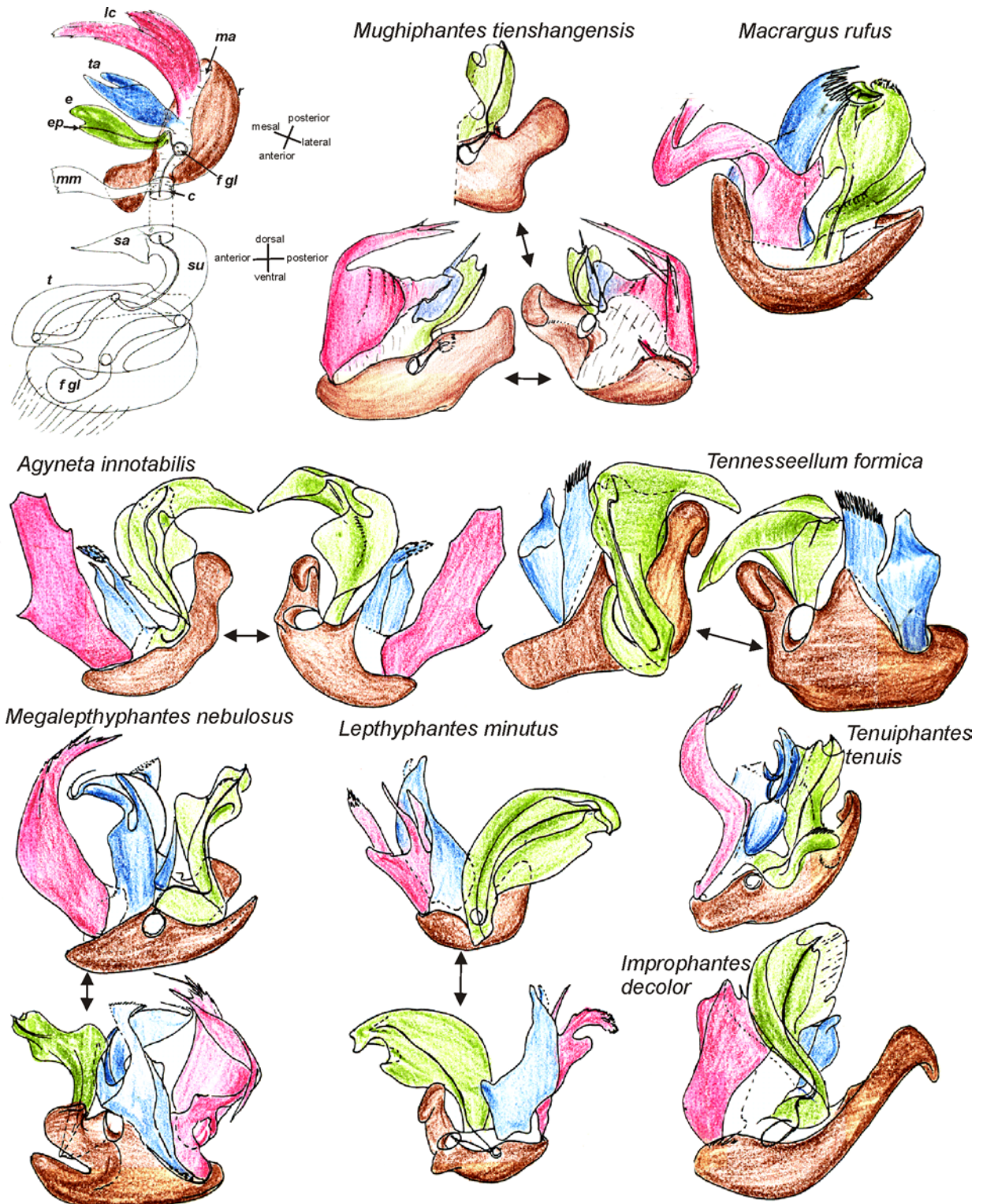


Plate 1. Conformation of the male palp and embolic division in eight Micronetinae genera.

Табл. 1. Стрение пальпы и эмболюсного отдела восьми родов Micronetinae.

Abbreviations: *c* — column; *e* — embolus; *ep* — embolus proper; *f gl* — Fickert's gland; *lc* — lamella characteristica; *ma* — membranous area of radix; *mm* — median membrane; *r* — radix; *sa* — suprategular apophysis; *su* — suprategulum; *t* — tegulum; *ta* — terminal apophysis.

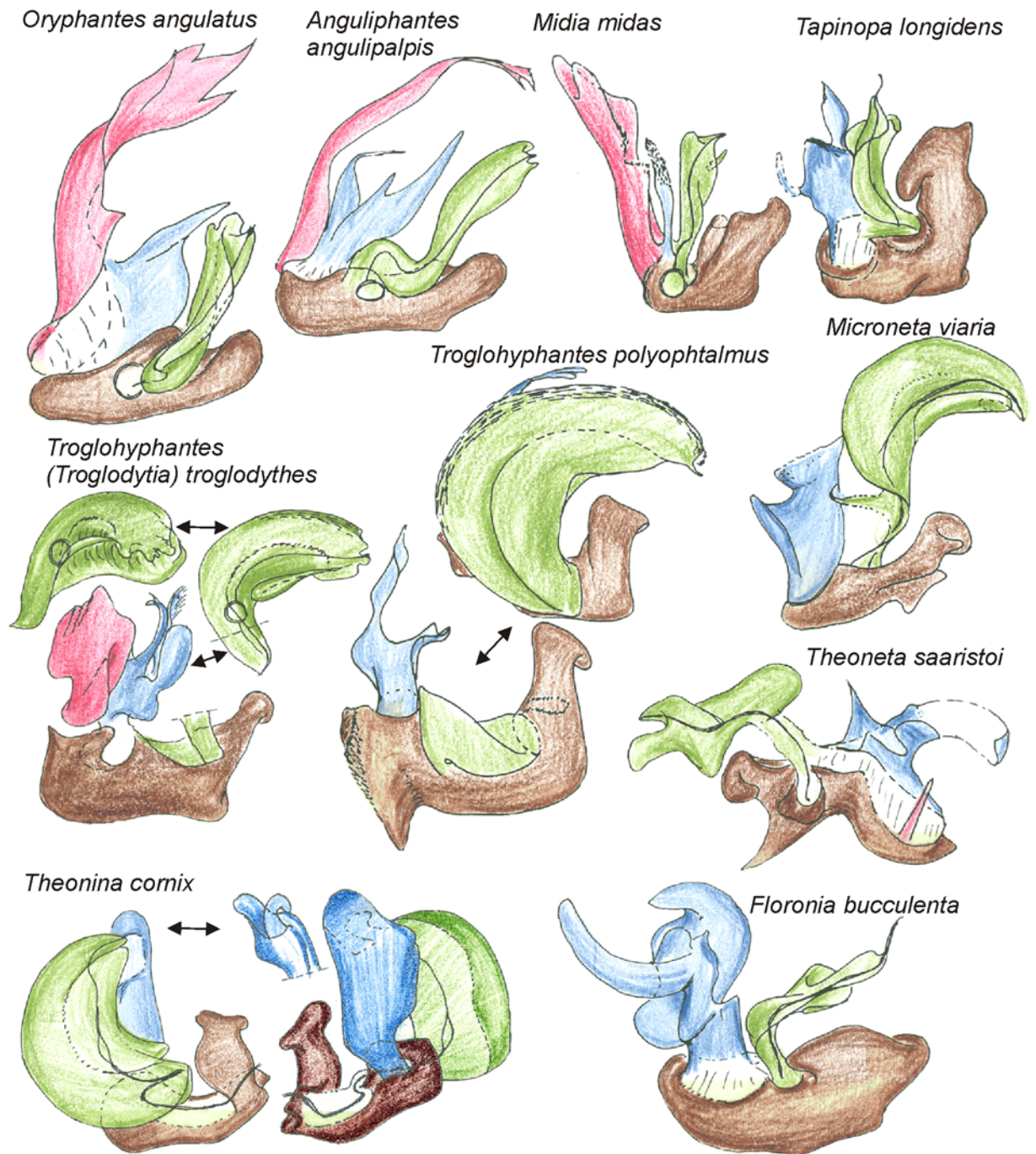


Plate 2. Conformation of embolic division in 10 Micronetinae genera.  
 Табл. 2. Стрение эмболюсного отдела 10 родов Micronetinae.  
 Abbreviations as for Plate 1.

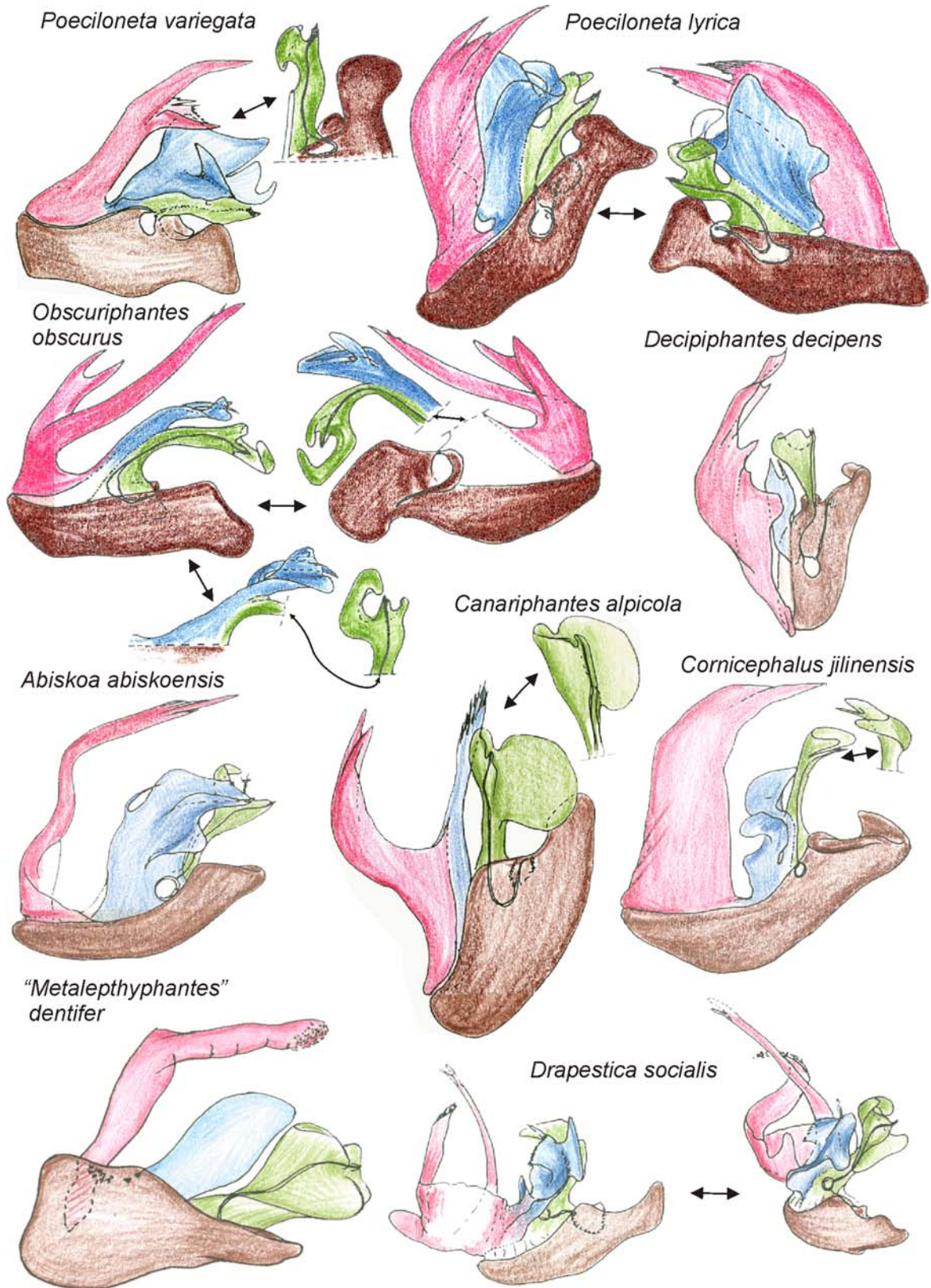


Plate 3. Conformation of embolic division in nine Micronetinae genera.  
 Табл. 3. Стрение эмболюсного отдела девяти родов Micronetinae.  
 Abbreviations as for Plate 1.

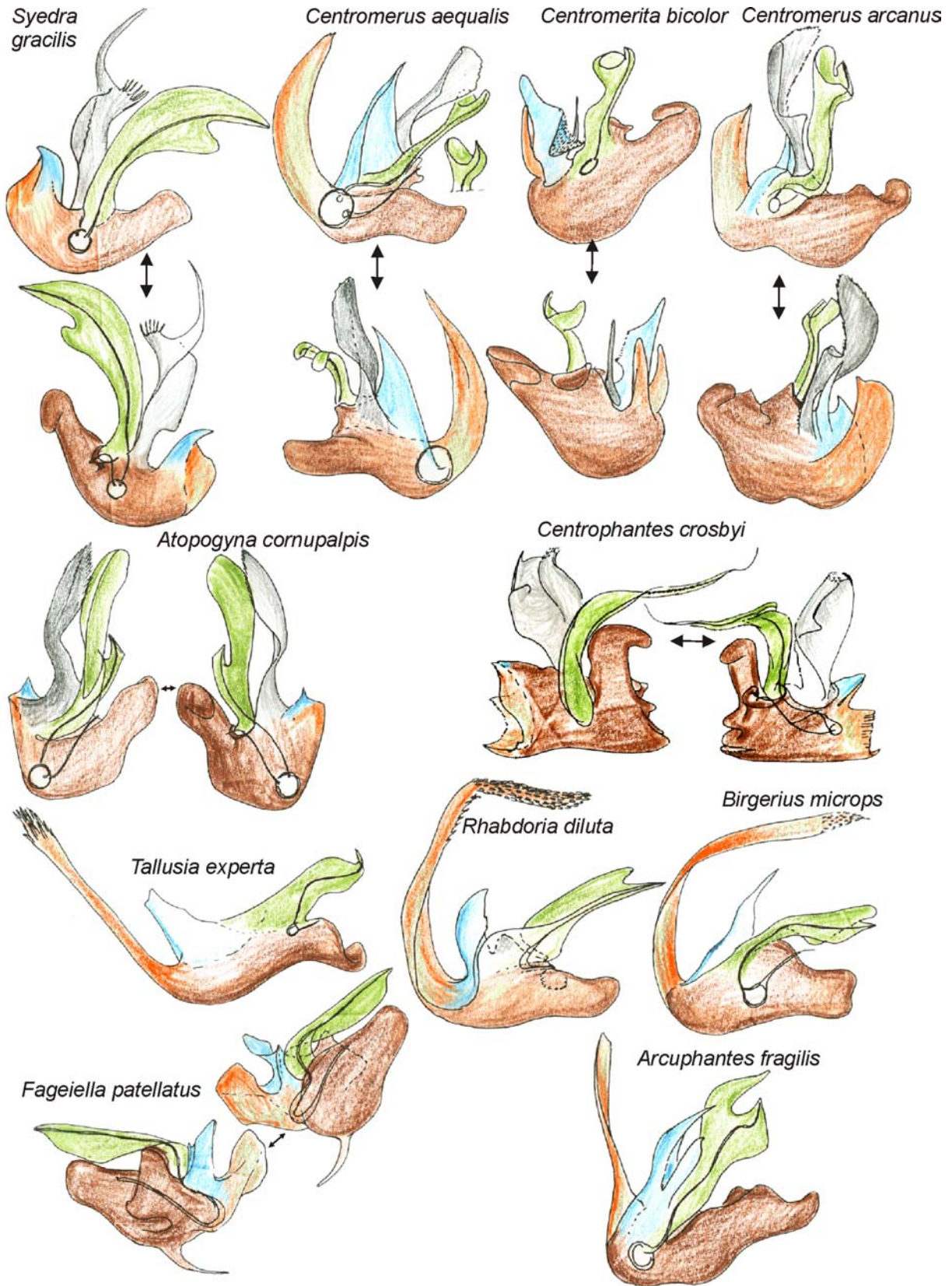


Plate 4. Conformation of embolic division in 11 Micronetinae genera.  
 Табл. 3. Стрение эмболюсного отдела 11 родов Micronetinae.  
 Abbreviations as for Plate 1.



gether on splitting of this “megadiverse” genus that had some 500 species. Habitually, these spiders are very similar, but careful study of the embolic division and epigynes reveals that only 4 species can be left in *Lepthyphantes*, all other were moved, or should be moved, from *Lepthyphantes* to other genera. Some species were even moved by Michael to a separate new subfamily Ipainae. Two micronetine genera Michael named after his mother and father: *Lidia* Saaristo & Marusik, 2004 and *Ipa* Saaristo, 2007.

Another very important field of studies was the spider fauna of Seychelles Islands. Fauna of these islands is not very rich. When Michael started his studies, only 70 species were known from there, and now there are over 250 species. Although the fauna is small, to study taxonomy of Seychellian spiders it was necessary to study numerous publication and hundreds of types, because many species have a Pantropical distribution. There were species in common with Caribbean islands, Polynesia, etc. During the study of Seychellian spiders, he even found additional spiders for Britain. Michael analyzed and revised, step by step, all families occurring in these islands. Because of these studies, he became a world expert in families of the World, and in supraspecific taxonomy in many families (Araneidae, Tetragnathidae, Theridiidae, Oonopidae, Pholcidae, Ochyroceratidae, Telemidae, Sicariidae). His first work on Seychellian spiders (1978) was very important as an example of how necessary it is to study supraspecific taxonomy. Description of new genera and species were supplied with dozens of drawings. Michael was one among the first who demonstrated the different type of “paracymbium” in Theridiidae.

The most species-rich family of Seychelles is Oonopidae (31 species). Because of studies on these very small haplogyne spiders, Michael became a top expert in taxonomy of this family. His paper on Seychellian Oonopidae is now the groundwork for all “oonopidologists” in the world who are currently working in the Planetary Biodiversity Inventory (PBI) project, led by N.I. Platnick. Before Michael’s studies, it was thought that Oonopidae are rather primitive spiders, with poor somatic morphology. Michael found that it is not so. This group has several autapomorphies, has very diverse somatic morphology, and the male palp has amazing structures unknown in other spiders. Altogether he described about 50 species (of 450 known at this time) and 11 genera (of 72). From the study of Seychellian Oonopidae, Michael gradually turned to the study of Oonopidae of Socotra, Yemen, Israel, and the former Soviet Union. He studied oonopids from Pacific islands, India, Europe and Ecuador. Unfortunately many of his studies are unfinished. Hopefully they will be continued by PBI team members.

There are only three papers by Michael dealing with Erigoninae of northern Holarctic. However, he was very interested in their taxonomy from the beginning. In early 1970s, he made comprehensive study on Finnish *Ceratinella* with perfect figures. Hopefully this

work will be finished by A. Tanasevitch. Michael made pencil drawings for almost all genera of Erigoninae occurring in Finland and northern Europe. Two of his published papers are dealing with very difficult and species-rich genera such as *Semljicola* and *Oreoneta* (see list of publications). Both genera have wide distribution, the former genus encompassing very small spiders with similar epigynes and very small palps. Although *Oreoneta* species are much larger, it is very difficult to observe their epigynes, and the male palps are very similar in most of species.

Unfortunately Michael Saaristo had no Finnish students who can continue his studies, but he shared his great knowledge with younger Russian and Chinese colleagues Andrei Tanasevitch, Yuri Marusik, Shuqian Li and Lihong Tu.

### List of species described by M.I. Saaristo

#### CLUBIONIDAE

*Clubiona hitchinsi* Saaristo, 2002

#### FILISTATIDAE

*Pritha heikkii* Saaristo, 1978

#### LINYPHIIDAE

*Agyneta amersaxatilis* Saaristo & Koponen, 1998

*Agyneta dynica* Saaristo & Koponen, 1998

*Agyphantes sakhalinensis* Saaristo & Marusik, 2004

*Cornicephalus jilinensis* Saaristo & Wunderlich, 1995

*Eskovia mongolica* Marusik & Saaristo, 1999

*Fistulaphantes canalis* Tanasevitch & Saaristo, 2006

*Helsdingenia hebesoides* Saaristo & Tanasevitch, 2003

*Indophantes agamus* Tanasevitch & Saaristo, 2006

*Indophantes barat* Saaristo & Tanasevitch, 2003

*Indophantes bengalensis* Saaristo & Tanasevitch, 2003

*Indophantes kalimantanus* Saaristo & Tanasevitch, 2003

*Indophantes kinabalu* Saaristo & Tanasevitch, 2003

*Indophantes lehtineni* Saaristo & Tanasevitch, 2003

*Indophantes pallidus* Saaristo & Tanasevitch, 2003

*Indophantes sumatera* Saaristo & Tanasevitch, 2003

*Lepthyphantes iranicus* Saaristo & Tanasevitch, 1996

*Lepthyphantes korgei* Saaristo & Tanasevitch, 1996

*Lepthyphantes wunderlichi* Saaristo & Tanasevitch, 1996

*Lidia tarabaevi* Saaristo & Marusik, 2004

*Maro lehtineni* Saaristo, 1971

*Maro thaleri* Saaristo, 1971

*Megalepthyphantes pseudocollinus* Saaristo, 1997

*Mughiphantes bicornis* Tanasevitch & Saaristo, 2006

*Mughiphantes cuspidatus* Tanasevitch & Saaristo, 2006

*Mughiphantes falxus* Tanasevitch & Saaristo, 2006

*Mughiphantes inermus* Tanasevitch & Saaristo, 2006

*Mughiphantes longiproper* Tanasevitch & Saaristo, 2006

*Mughiphantes restrictus* Tanasevitch & Saaristo, 2006

*Mughiphantes setosus* Tanasevitch & Saaristo, 2006

*Oreoneta banffkluan* Saaristo & Marusik, 2004

*Oreoneta beringiana* Saaristo & Marusik, 2004

*Oreoneta eskimopoint* Saaristo & Marusik, 2004

*Oreoneta eskovi* Saaristo & Marusik, 2004

*Oreoneta fennica* Saaristo & Marusik, 2004

*Oreoneta fortyukon* Saaristo & Marusik, 2004

*Oreoneta herschel* Saaristo & Marusik, 2004  
*Oreoneta kurile* Saaristo & Marusik, 2004  
*Oreoneta logunovi* Saaristo & Marusik, 2004  
*Oreoneta magaputo* Saaristo & Marusik, 2004  
*Oreoneta mineevi* Saaristo & Marusik, 2004  
*Oreoneta repeater* Saaristo & Marusik, 2004  
*Oreoneta sepe* Saaristo & Marusik, 2004  
*Oreoneta tienshangensis* Saaristo & Marusik, 2004  
*Oreoneta tuva* Saaristo & Marusik, 2004  
*Oreoneta uralensis* Saaristo & Marusik, 2004  
*Oreoneta vogelae* Saaristo & Marusik, 2004  
*Oreoneta wyomingia* Saaristo & Marusik, 2004  
*Spiralophantes mirabilis* Tanasevitch & Saaristo, 2006  
*Tallusia bicristata* Lehtinen & Saaristo, 1972  
*Tapinopa gereede* Saaristo, 1997  
*Tenuiphantes altimontanus* Tanasevitch & Saaristo, 2006  
*Tenuiphantes crassus* Tanasevitch & Saaristo, 2006

**MYSMENIDAE**

*Microdipoena elsa* Saaristo, 1978

**NESTICIDAE**

*Howaia buicongchieni* Lehtinen & Saaristo, 1980  
*Howaia inthanoni* Lehtinen & Saaristo, 1980  
*Howaia prozysniskii* Lehtinen & Saaristo, 1980  
*Nesticella robinsoni* Lehtinen & Saaristo, 1980  
*Nesticella sogi* Lehtinen & Saaristo, 1980  
*Nesticella taurama* Lehtinen & Saaristo, 1980

**OCHYROCERATIDAE**

*Eusora muehlenbergi* Saaristo, 1998  
*Ouette ouette* Saaristo, 1998  
*Roche roche* Saaristo, 1998

**OONOPIDAE**

*Aridella bowleri* Saaristo, 2002  
*Cousinea keeleyi* Saaristo, 2001  
*Farqua quadrimaculata* Saaristo, 2001  
*Ferchestina storozhenkoi* Saaristo & Marusik, 2004  
*Gamasomorpha deksam* Saaristo & van Harten, 2002  
*Gamasomorpha gershomi* Saaristo, 2007  
*Ischnothyreus khamis* Saaristo & van Harten, 2006  
*Ischnothyreus serpentinum* Saaristo, 2001  
*Khamisia banisad* Saaristo & van Harten, 2006  
*Lionneta gerlachi* Saaristo, 2001  
*Lionneta veli* Saaristo, 2002  
*Matyotia tetraspinosus* Saaristo, 2001  
*Megabulbus sansan* Saaristo, 2007  
*Megaonops avrona* Saaristo, 2007  
*Opopaea alje* Saaristo & Marusik, 2008  
*Opopaea botswana* Saaristo & Marusik, 2008  
*Opopaea gabon* Saaristo & Marusik, 2008  
*Opopaea gaborone* Saaristo & Marusik, 2008  
*Opopaea lingua* Saaristo, 2007  
*Opopaea nibasa* Saaristo & van Harten, 2006  
*Opopaea probosciella* Saaristo, 2001  
*Opopaea sallami* Saaristo & van Harten, 2006  
*Opopaea sanaa* Saaristo & van Harten, 2006  
*Opopaea shanasi* Saaristo, 2007  
*Opopaea spinosa* Saaristo & van Harten, 2006  
*Opopaea sudan* Saaristo & Marusik, 2008  
*Opopaea suspecta* Saaristo, 2002  
*Orchestina bedu* Saaristo & van Harten, 2002

*Orchestina flagella* Saaristo & van Harten, 2006  
*Orchestina foa* Saaristo & van Harten, 2002  
*Orchestina hammamali* Saaristo & van Harten, 2006  
*Orchestina justini* Saaristo, 2001  
*Orchestina lahj* Saaristo & van Harten, 2006  
*Orchestina maureen* Saaristo, 2001  
*Orchestina mirabilis* Saaristo & van Harten, 2006  
*Orchestina pavesiiformis* Saaristo, 2007  
*Orchestina sedotmikha* Saaristo, 2007  
*Ovobulbus boker* Saaristo, 2007  
*Ovobulbus bokerella* Saaristo, 2007  
*Ovobulbus elot* Saaristo, 2007  
*Semibulbus zekharya* Saaristo, 2007  
*Silhouettella assumptia* Saaristo, 2001  
*Silhouettella betalfa* Saaristo, 2007  
*Silhouettella tomer* Saaristo, 2007  
*Silhouettella usgutra* Saaristo & van Harten, 2002  
*Socotroonops socotra* Saaristo & van Harten, 2002  
*Xestaspis sis* Saaristo & van Harten, 2006  
*Xestaspis yemeni* Saaristo & van Harten, 2006

**PHOLCIDAE**

*Cenemus mikehilli* Saaristo, 2002  
*Cenemus silhouette* Saaristo, 2001  
*Spermophorides lascars* Saaristo, 2001

**PRODIDOMIDAE**

*Prodida stella* Saaristo, 2002

**SCYTODIDAE**

*Soeuria soeur* Saaristo, 1997

**SYMPHYTOGNATHIDAE**

*Anapistula seychellensis* Saaristo, 1996  
*Patu silho* Saaristo, 1996

**TELEMIDAE**

*Seychellia wiljoi* Saaristo, 1978

**THERIDIIDAE**

*Argyrodus recurvatus* Saaristo, 1978  
*Sesato setosa* Saaristo, 2006

**THERIDIOSOMATIDAE**

*Andasta siltte* Saaristo, 1996  
*Zoma zoma* Saaristo, 1996

Description of one species of Oonopidae is in press.

List of genera described by M.I. Saaristo

**LINYPHIIDAE**

*Abiskoa* Saaristo & Tanasevitch, 2000  
*Agyphantes* Saaristo & Marusik, 2004  
*Anguliphantes* Saaristo & Tanasevitch, 1996  
*Ascetophantes* Tanasevitch & Saaristo, 2006  
*Bifurcia* Saaristo, Tu & Li, 2006  
*Birgerius* Saaristo, 1973  
*Capsulia* Saaristo, Tu & Li, 2006  
*Claviphantes* Tanasevitch & Saaristo, 2006  
*Cornicephalus* Saaristo & Wunderlich, 1995  
*Decipiphantes* Saaristo & Tanasevitch, 1996  
*Epigyphantes* Saaristo & Tanasevitch, 2004  
*Eskovia* Marusik & Saaristo, 1999  
*Fistulaphantes* Tanasevitch & Saaristo, 2006  
*Flagelliphantes* Saaristo & Tanasevitch, 1996

*Formiphantes* Saaristo & Tanasevitch, 1996  
*Helsdingenia* Saaristo & Tanasevitch, 2003  
*Improphantes* Saaristo & Tanasevitch, 1996  
*Indophantes* Saaristo & Tanasevitch, 2003  
*Ipa* Saaristo, 2007

*Lidia* Saaristo & Marusik, 2004  
*Mansuphantes* Saaristo & Tanasevitch, 1996  
*Midia* Saaristo & Wunderlich, 1995  
*Molestia* Tu, Saaristo & Li, 2006  
*Mughiphantes* Saaristo & Tanasevitch, 1999  
*Obscuriphantes* Saaristo & Tanasevitch, 2000  
*Palliduphantes* Saaristo & Tanasevitch, 2001  
*Piniphantes* Saaristo & Tanasevitch, 1996  
*Spiralophantes* Tanasevitch & Saaristo, 2006  
*Tallusia* Lehtinen & Saaristo, 1972  
*Tanasevitchia* Marusik & Saaristo, 1999  
*Tenuiphantes* Saaristo & Tanasevitch, 1996  
*Theoa* Saaristo, 1995  
*Vagiphantes* Saaristo & Tanasevitch, 2004

#### LYCOSIDAE

*Bristowia* Saaristo, 1978  
*Bristowiella* Saaristo, 1980

#### NESTICIDAE

*Carpathonesticus* Lehtinen & Saaristo, 1980  
*Howaia* Lehtinen & Saaristo, 1980  
*Nesticella* Lehtinen & Saaristo, 1980

#### OCHYROCERATIDAE

*Euso* Saaristo, 2001  
*Eusora* Saaristo, 1998  
*Ouette* Saaristo, 1998  
*Roche* Saaristo, 1998

#### OONOPIDAE

*Aridella* Saaristo, 2002  
*Cousinea* Saaristo, 2001  
*Farqua* Saaristo, 2001  
*Ferchestina* Saaristo & Marusik, 2004  
*Ischnothyrella* Saaristo, 2001  
*Khamisia* Saaristo & van Harten, 2006  
*Lisna* Saaristo, 2001  
*Matyotia* Saaristo, 2001  
*Megabulbus* Saaristo, 2007  
*Megaoonops* Saaristo, 2007  
*Nale* Saaristo & Marusik, 2008  
*Ovobulbus* Saaristo, 2007  
*Patri* Saaristo, 2001  
*Prida* Saaristo, 2001  
*Semibulbus* Saaristo, 2007  
*Socotroonops* Saaristo & van Harten, 2002

#### PHOLCIDAE

*Cenemus* Saaristo, 2001

#### SCYTODIDAE

*Soeuria* Saaristo, 1997

#### TELEMIDAE

*Seychellia* Saaristo, 1978

#### THERIDIIDAE

*Nanume* Saaristo, 2006  
*Robertia* Saaristo, 2006  
*Selimus* Saaristo, 2006  
*Sesato* Saaristo, 2006

*Spinembolia* Saaristo, 2006

*Stoda* Saaristo, 2006

#### THERIDIOSOMATIDAE

*Zoma* Saaristo, 1996

Description of one genus of Oonopidae is in press.

### List of scientific publications by Michael I. Saaristo (Aranei, Formicidae, Ephemeroptera)

#### I. Papers on spiders (Aranei)

1. Lehtinen P.T. & Saaristo M. 1970. Principles in limiting supraspecific taxa of Linyphiidae // Bull. Mus. Nat. d'Hist. Naturelle. 2 ser. Tom 41. Supl.1. P.155–160.
2. Saaristo M.I. 1971. Revision of the genus *Maro* O. P.-Cambridge (Araneae, Linyphiidae) // Ann. Zool. Fennici. Vol.8. P.463–482.
3. Saaristo M.I. 1972. Redelimitation of the genus *Oreonetides* Strand, 1901 (Araneae, Linyphiidae) based on an analysis of the genital organs // Ann. Zool. Fennici. Vol.9. P.69–74.
4. Lehtinen P.T. & Saaristo M.I. 1972. *Tallusia* gen. n. (Araneae, Linyphiidae) // Ann. Zool. Fennici. Vol.9. P.265–268.
5. Saaristo M.I. 1973. Delimitation of the subfamily Lephyphantinae (Araneae, Linyphiidae) according to the secondary genital organs // Ann. Zool. Fennici. Vol.10. P.388–391.
6. Saaristo M.I. 1973. *Birgerius* gen. n. (Araneae, Linyphiidae) // Ann. Zool. Fennici. Vol.10. P.450–451.
7. Saaristo M.I. 1973. Taxonomical analysis of the type-species of *Agyneta*, *Anomalaria*, *Meioneta*, *Aprolagus* and *Syedrella* (Araneae, Linyphiidae) // Ann. Zool. Fennici. Vol.10. P.452–467.
8. Saaristo M.I. 1974. Taxonomical analysis of *Microneta viaria* (Blackwall, 1841), the type-species of the genus *Microneta* Menge, 1869 (Araneae, Linyphiidae) // Ann. Zool. Fennici. Vol.11. P.166–169.
9. Saaristo M.I. 1974. Taxonomical analysis of *Theonina cornix* (Simon, 1881), the type-species of the genus *Theonina* Simon, 1929 (Araneae, Linyphiidae) // Ann. Zool. Fennici. Vol.11. P.451–466.
10. Saaristo M.I. 1975. On the evolution of the secondary genital organs of Lephyphantinae (Araneae, Linyphiidae) // Proc. VI Int. Aracn. Congr., 1974. P.21–25.
11. Saaristo M.I. 1977. Secondary genital organs in the taxonomy of Lephyphantinae (Araneae, Linyphiidae) // Rep. Dept. Zool. Univ. Turku. Vol.5. P.1–16.
12. Saaristo M.I. 1978. Spiders (Arachnida, Araneae) from the Seychelle Islands, with notes on taxonomy // Ann. Zool. Fennici. Vol.15. P.99–126.
13. Lehtinen P.T., Saaristo M.I. & Koponen S. 1979. Studies on the spider fauna of the southwestern archipelago of Finland II. Alandian mainland and the island Ekerö // Mem. Soc.Fauna & Flora Fenn. Vol.55. P.33–52.
14. Lehtinen P.T. & Saaristo M.I. 1980. Oriental-Australian spiders II. Nesticidae // Ann. Zool. Fennici. Vol.17. P.47–66.
15. Saaristo M.I. 1980. *Bristowiella* new name for *Bristowia* Saaristo 1978 (Araneae: Lycosidae) // Bull. Br. Arachnol. Soc. Vol.5. Pt.3. P.116.
16. Saaristo M.I. & Tanasevitch A.V. 1993. Notes on the systematics of the spider genus *Lephyphantinae* Menge (Aranei Linyphiidae Micronetinae) // Arthropoda Selecta. Vol.2. No.2. P.55–61.
17. Saaristo M.I. 1995. Linyphiid spiders of the granitic islands of Seychelles (Araneae, Linyphiidae) // Phelsuma. Vol.3. P.41–52.
18. Saaristo M.I. 1995. Clubionids of the granitic islands of Seychelles (Aranea, Clubionidae) // Phelsuma. Vol.3. P.53–57.
19. Saaristo M.I. & Wunderlich J. 1995. *Cornicephalus jilinenis* n. gen., n. sp. — a new micronetid genus and species from China (Araneae: Linyphiidae: Micronetinae) // Beitr. Araneol. Vol.4 (1994). P.307–310.
20. Saaristo M.I. & Wunderlich J. 1995. *Midia* n. gen., a new genus for *Lephyphantinae midas* Simon (Araneae, Linyphiidae) // Beitr. Araneol. Vol.4 (1994). P.311–314.

21. Saaristo M.I. & Tanasevitch A.V. 1995. Three new *Lepthyphantes* Menge, 1866, from Iran and Turkey (Aranei: Linyphiidae) // *Arthropoda Selecta*. Vol.4. No.3–4. P.61–64.
22. Saaristo M.I. & Eskov K.Yu. 1996. Taxonomy and zoogeography of the hypoarctic erigonine spider genus *Semljicola* (Araneida, Linyphiidae) // *Acta Zool. Fennica*. Vol.201. P.47–69.
23. Saaristo M.I. 1996. Theridiosomatid spiders of the granitic Seychelles (Araneae, Theridiosomatidae) // *Phelsuma*. Vol.4. P.48–52.
24. Saaristo M.I. 1996. Symphytognathidae (Arachnida, Araneae), a new spider family for the granitic islands of Seychelles // *Phelsuma*. Vol.4. P.53–56.
25. Saaristo M.I. & Tanasevitch A.V. 1996. Redelimitation of the subfamily Micronetinae Hull, 1920 and the genus *Lepthyphantes* Menge, 1866 with descriptions of some new genera and species (Aranei, Linyphiidae) // *Ber. nat.-med. Verein Innsbruck*. Vol.83. P.163–186.
26. Saaristo M.I. 1997. Notes on the Japanese species of the genera *Tapinopa* and *Floronia* (Arachnida: Araneae: Linyphiidae: Micronetinae) // *Acta arachnol.* Vol.45. P.1–6.
27. Saaristo M.I. 1997. Description of *Megalepthyphantes pseudocollinus* n. sp. (Araneae: Linyphiidae: Micronetinae) // *Bull. Br. arachnol. Soc.* Vol.10. Pt.7. P.257–259.
28. Gerlach J., Matyot P. & Saaristo M.I. 1997. The ecology and conservation of Silhouette island // *Phelsuma*. Vol.5. P.27–38.
29. Saaristo M.I. 1997. Scytotids (Arachnida, Araneae, Scytodidae) of the granitic islands of Seychelles // *Phelsuma*. Vol.5. P.49–57.
30. Saaristo M.I. 1997. Oecobiids of the granitic islands of Seychelles (Araneae, Oecobiidae) // *Phelsuma*. Vol.5. P.69–71.
31. Gerlach J., Matyot P. & Saaristo M.I. 1997. Silhouette species list // *Phelsuma*. Vol.5(A). P.1–42.
32. Saaristo M.I. 1997. A new species of *Tapinopa* Westring from Turkey (Arachnida: Araneae: Linyphiidae: Micronetinae) // *Reichenbachia*. Vol.32. No.2. P.5–7.
33. Saaristo M.I. 1998. Ochyroceratid spiders of the granitic islands of Seychelles (Araneae, Ochyroceratidae) // *Phelsuma*. Vol.6. P.20–26.
34. Saaristo M.I. & Koponen S. 1998. A review of North Canadian *Agyreta* species with descriptions of two new species (Arachnida, Araneae, Linyphiidae) // *Can. J. Zool.* Vol.76. P.566–583.
35. Bowler J., Bullock I., Cadbury J., Gerlach J., Hunter J. & Saaristo M.I. 1999. Aride species list // Bowler J., Bullock I., Cadbury J., Gerlach J. & Hunter J. The ecology and conservation of Aride island, Seychelles. *Phelsuma*. Vol.7. P. 37–55.
36. Saaristo M.I. 1999. An arachnological excursion to the granitic Seychelles, 1–26th January, 1999 // *Phelsuma*. Vol.7. P. 60–62.
37. Saaristo M.I. 1999. An arachnological excursion to the granitic Seychelles, 1–26th January, 1999. Arachnid species lists for Silhouette, Cousine & Mahé // *Phelsuma*. Vol.7 (supplement A). P.1–12.
38. Saaristo M.I. & Tanasevitch, A.V. 1999. Reclassification of the *mughi*-group of the genus *Lepthyphantes* Menge, 1866 (*sensu lato*) (Aranei: Linyphiidae: Micronetinae) // *Ber. nat.-med. Verein Innsbruck*. Vol. 86. P.139–147.
39. Marusik Yu.M. & Saaristo M.I. 1999. Review of east Palaearctic *Minicia* Thorell, 1875 with description on two new genera (Aranei, Linyphiidae, Erigoninae) // *Arthropoda Selecta*. Vol.8. No.2. P.80–85.
40. Saaristo M.I. & Tanasevitch A.V. 2000. Systematics of the *Bolyphantes-Poecilonea* genus-group of the subfamily Micronetinae Hull, 1920 (Arachnida: Araneae: Linyphiidae) // *Reichenbachia*. Vol.33. N.32. P.253–263.
41. Saaristo M.I. 2000. Kleptoparasitic theridiids of the granitic Seychelles (Araneae, Theridiidae) // *Phelsuma*. Vol.8. P.35–49.
42. Saaristo M.I. & Tanasevitch A.V. 2001. Reclassification of the *pallidus*-, *insignis*- and *spelaeorum*- groups of *Lepthyphantes* Menge, 1866 (*sensu lato*) (Arachnida: Araneae: Linyphiidae) // *Reichenbachia*. Vol.34. No.1. P.5–17.
43. Saaristo M.I. 2001. Pholcid spiders of the granitic Seychelles (Araneae, Pholcidae) // *Phelsuma*. Vol.9. P.9–28.
44. Saaristo M.I. 2001. *Euso* — a new name for *Eusora* Saaristo, 1998 (Araneae: Ochyroceratidae) // *Phelsuma*. Vol.9. P.66.
45. Saaristo M.I. 2001. Dwarf hunting spiders or the Oonopidae (Arachnida, Araneae) of Seychelles // *Insect Syst. Evol.* Vol.32. P.307–358.
46. Saaristo M.I. & van Harten A. 2001. The Oonopid spiders of Socotra (Arachnida: Araneae: Oonopidae) // *Fauna of Arabia*. Vol.19. P.311–319.
47. Saaristo M.I. 2002. New species and interesting new records of spiders from Seychelles (Arachnida, Araneae) // *Phelsuma*. Vol.10 (suppl. A). P.1–32.
48. Saaristo M.I. & Hill M.J. 2002. Spiders (Arachnida, Araneae) collected by BirdLife GEF Island Assessment Project 1999–2000 // *Biodiversity Surveys and Conservation Potential of Inner Seychelles Islands*. Atoll Research Bulletin 2002. P.221–253.
49. Saaristo M.I. & Tanasevitch A.V. 2003. *Helsdingenia* gen. n., a new micronetid genus from Old-World tropics (Aranei, Linyphiidae, Micronetinae) // *Arthropoda Selecta*. Vol.11. No.2. P.153–158.
50. Saaristo M.I. & Murphy J.A. 2003. Six-eyed male of the Oonopid spider *Diblemma donisthorpei* O. Pickard-Cambridge, 1908 from the Seychelles // *Newsl. Br. arachnol. Soc.* No.97. P.20.
51. Saaristo M.I. 2003. Tetragnatid spiders of Seychelles (Araneae, Tetragnathidae) // *Phelsuma*. Vol.11. P.13–28.
52. Saaristo M.I. & Tanasevitch A.V. 2003. A new micronetid genus from the Oriental Region (Araneae, Linyphiidae, Micronetinae) // *Arthropoda Selecta*. Vol.11. No.4. P.319–330.
53. Saaristo M.I. & Tanasevitch A.V. 2003. New taxa for some species of the genus *Lepthyphantes* Menge *sensu lato* (Araneae, Linyphiidae, Micronetinae) // *Revue Arachnologique*. T.14. Fasc.7. P.109–128.
54. Saaristo M.I. & Marusik, Yu. 2004. Revision of the Holarctic spider genus *Oreoneta* Kulczyński, 1894 (Arachnida: Aranei: Linyphiidae) // *Arthropoda Selecta*. Vol.12. N.3–4. P.207–249.
55. Saaristo M.I. & Marusik Yu.M. 2004. Two new petrophilous micronetine genera, *Agyphantes* gen. n. and *Lidia* gen. n. (Araneae, Linyphiidae, Micronetinae), from the eastern Palearctic with descriptions of two new species // *Bull. Br. arachnol. Soc.* Vol.13. Pt.3. P.76–82.
56. Saaristo M.I. & Marusik Yu.M. 2004. *Ferchestina*, a new genus of oonopid spiders from Russian Far East (Aranei: Oonopidae) // *Arthropoda Selecta*. Vol.13. No.1–2. P.51–54.
57. Saaristo M.I. & van Harten A. 2006. The Oonopid spiders (Araneae: Oonopidae) of the continental Yemen // *Fauna of Arabia*. Vol.20. P.127–157.
58. Saaristo M.I. 2006. Theridiid or cobweb spiders of the granitic Seychelles islands (Araneae, Theridiidae) // *Phelsuma*. Vol.14. P.49–89.
59. Tanasevitch A.V. & Saaristo M.I. 2006. Reassessment of the Nepalese species of the genus *Lepthyphantes* Menge s.l. with description of new micronetine taxa (Araneae, Linyphiidae, Micronetinae) // *Senckenbergiana biologica*. Vol.86. P.11–38.
60. Saaristo M.I., Tu L. & Li S. 2006. A review of Chinese micronetine species (Araneae, Linyphiidae) Part I. Species of ex-*Arcuphantes* and ex-*Centromerus* // *Animal Biology*. Vol.56. No.3. P.383–401.
61. Tu L., Saaristo M.I. & Li S. 2006. A review of Chinese micronetine species (Araneae, Linyphiidae) Part II. Seven species of ex-*Lepthyphantes* // *Animal Biology*. Vol.56. No.3. P.403–421.
62. Saaristo M.I. 2007. The Oonopid spiders (Araneae: Oonopidae) of Israel // *Arthropoda Selecta* Vol.15. No.2. P.119–140.
63. Saaristo M.I. 2007. A new subfamily of linyphiid spiders based on a new genus created for the *keysleringi*-group of the genus *Lepthyphantes* (Aranei: Linyphiidae) // *Arthropoda Selecta*. Vol.16. No.1. P.33–42.
64. Saaristo M.I. & Marusik Yu.M. 2008. A survey of African *Opopaea* Simon, 1891 (Arachnida, Aranei, Oonopidae) // *Arthropoda Selecta*. Vol.17. No.1–2. P.17–53.
65. Saaristo M.I. & Marusik Yu.M. In press. A new species and genus of oonopid spiders (Araneae: Oonopidae) from Ukraine // *Zootaxa*.

## II. Papers on the Ants (Hymenoptera, Formicidae)

1. Saaristo M.I. 1986. The fourth record of *Sipholinia karavajevi* Arnoldi (Hym., Formicidae) from the Nordic countries // *Notulae Entomol.* Vol.66. P.97–98.
2. Saaristo M.I. 1990. New provincial records for twelve ant species (Hymenoptera, Formicidae) from Finland // *Entomol. Fennica.* Vol.1. P.191–192.
3. Saaristo M.I. 1991. Muurahaiset (Hymenoptera, Formicidae). - Myrör (Hymenoptera, Formicidae). Kuralan Kylämäen luonnontieteellinen tutkimus // Turun Maakuntamuseon raportteja. Vol.13. P.70–71. (In Finnish and Swedish)
4. Punttila P., Koponen S. & Saaristo M. 1993. Colonisation of burned mountain-birch forest by ants (Hymenoptera, Formicidae) in subarctic Finland // *Memorabilia Zool.* Vol.48. P.193–206.
5. Saaristo M.I. 1995. Distribution maps of the outdoor myrmecid ants of Finland (Insecta, Hymenoptera, Formicidae) with notes on their taxonomy and ecology // *Entomol. Fennica.* Vol.6. P.153–162.
2. Savolainen E. & Saaristo M.I. 1980. Distribution of mayflies (Insecta, Ephemeroptera) in the biological province Kuusamo (Ks), Finland // *Notulae Entomol.* Vol.61. P.117–124.
3. Saaristo M.I. & Savolainen E. 1980. On the identity of *Heptagenia sulphurea* (Muller, 1776) and *H. dalecarlica* Bengtsson, 1912 (Insecta, Ephemeroptera) // *Notulae Entomol.* Vol.60. P.187–193.
4. Savolainen E. & Saaristo M.I. 1980. *Baetis digitatus* Bengtsson, 1912 (Insecta, Ephemeroptera) found in Finland // *Notulae Entomol.* Vol.60. P.195–196.
5. Saaristo M.I. & Savolainen E. 1980. Suomen päivänkorennot - Finlands dagsländor (Ephemeroptera) // *Notulae Entomol.* Vol.60. P.181–186. (in Finnish and Swedish: checklist)
6. Saaristo M.I. 1980. *Ephemera lineata* Eaton, 1870 — vanha päivänkorentolöytö Itä-Fennoskandiasta (Ephemeroptera) // *Notulae Entomol.* Vol.60. P.226. (in Finnish)
7. Savolainen E. & Saaristo M.I. 1984. Ephemeroptera of Inari Lapland // *Kevo Notes.* No.7. P.23–29.
8. Saaristo M.I. & Savolainen E. 1985. Päivänkorennot (Ephemeroptera) // *Suomen eläimet.* Vol.4. P.62–71. (in Finnish)
9. Saaristo M.I., Nilsson A.N. & Savolainen E. 1993. *Heptagenia orbiticola*, a mayfly species new to Europe (Ephemeroptera, Heptageniidae) // *Ent. Tidskr.* Vol.114. P.51–54.

## III. Papers on the Mayflies (Ephemeroptera)

1. Saaristo M.I. 1966. Revision of the Finnish species of the genus *Caenis* Steph. (Ephemeroptera) // *Ann. Ent. Fennici.* Vol.32. P.68–87.

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