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CHRONOLOGY OF THRIPSOLOGICAL ACTIVITIES AND COMPARISON OF CHECK-LISTS ON THYSANOPTERA IN SLOVENIA AND FR YUGOSLAVIA

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Abstract – A chronology of thripsological activities in Slovenia and FR Yugoslavia is presented. A check-list of thrips (Thysanoptera), so far recorded in both countries, includes 149 species, 107 (78 species of suborder Terebrantia and 29 species of suborder Tubulifera) in Slovenia and 114 (74 species of suborder Terebrantia and 40 species of suborder Tubulifera) in FR Yugoslavia. Among the most important collectors of thrips are zur Strassen and Janežič for Slovenia and Andjus and Kazakov for Yugoslavia.

KEY WORDS: thrips, Thysanoptera, chronology, check-list, Slovenia, FR Yugoslavia

Izveček - KRONOLOGIJA TRIPSOLOŠKIH AKTIVNOSTI IN PRIMERJAVA SEZNAMOV RESARJEV, NAJDENIH V SLOVENIJI IN ZR JUGOSLAVIJI

V prispevku je predstavljena kronologija tripsoloških aktivnosti na območjih današnjih Slovenije in ZR Jugoslavije. V seznamu doslej najdenih resarjev (Thysanoptera) v obeh državah je 149 vrst resarjev, med temi je bilo v Sloveniji najdenih 107 vrst (78 vrst iz podreda Terebrantia in 29 vrst iz podreda Tubulifera) in v ZR Jugoslaviji 114 vrst (74 vrst iz podreda Terebrantia in 40 vrst iz podreda Tubulifera). Med najpomembnejšimi najditelji resarjev v Sloveniji sta zur Strassen in Janežič, v ZR Jugoslaviji pa Andjus in Kazakov.

KLJUČNE BESEDE: resarji, Thysanoptera, kronologija, seznam vrst, Slovenija, ZR Jugoslavija

Introduction - chronology of thripsological activities

Slovenia

Species of the order Thysanoptera in the geographical area of present Slovenia were first mentioned in the paper of Morison and Tanasijević (1966), who studied these insects in former Yugoslavia. Further researches of thrips followed in early 80's, when their occurrence, mostly on wild-growing plants, in Slovenian seaside was examined by zur Strassen (1981, 1984). Janežič (1991, 1992, 1993) followed with his work in 90's, but remained focused on the similar spectrum of the plants as zur Strassen. In the last few years researches of thrips have been focused on economically important species, among them the most numerous deal with pests of cultivated plants (Trdan, 1999; Trdan and Jenser, 1999; Trdan *et al.*, 1999; Trdan, 2000; Trdan, 2001; Trdan, 2002abc). The following check-list includes all 107 species of thrips, recorded in Slovenia so far.

FR Yugoslavia

Thrips in the geographical area of current FR Yugoslavia were first mentioned in the beginning of the previous century, when Karny (1907, 1908) published the results of his survey on thrips in several locations of Montenegro, at that time being a part of the Austro-Hungarian Empire. Priesner (1919) followed with a research on the occurrence of thrips in eastern Adriatic area from where he described two new species of Thysanoptera. In 1927, Kazakov studied the thrips fauna in Serbia and is an "author" of numerous newly recorded species of those insects in that part of the Balkan Peninsula. In 1966, Morison and Tanasijević published a paper on thrips in former Yugoslavia. Five years later, an article was published on the first record of *Thrips simplex* (Morison) (Gojković 1971). Researches were intensified in the early 80's, mostly due to zur Strassen, who also published an extensive check-list of Thysanoptera species in former Yugoslavia (1981, 1984). After 1989 most taxonomic and biogeographic researches were conducted in the Department of Entomology in Natural History Museum in Belgrade (Andjus, 1989, 1990, 1990a, 1992, 1993, 1995, 1995a, 1996, 1996a, 1997, 1999, 1999a, 2000; Andjus and Milenković, 1996; Andjus *et al.* 2001; Simova *et al.* 1997). The last check-list of thrips species, recorded in FR Yugoslavia, was published in 1997 and the number of species has increased in meantime from 98 to 114.

Results

Table 1: Terebrantia species recorded from Slovenia and FR Yugoslavia with the names of collectors and years of their first official reports

Species	Author (collector) and the year of the first report	
	Slovenia	FR Yugoslavia
<i>Aeolothrips albicinctus</i> Haliday	zur Strassen, 1981	Kazakov, 1927
<i>Aeolothrips astutus</i> Priesner	Janežič, 1991	Andjus, -
<i>Aeolothrips collaris</i> Priesner		zur Strassen, 1984
<i>Aeolothrips ericae</i> Bagnall	zur Strassen, 1981	Andjus, 1990a
<i>Aeolothrips fasciatus</i> (L.)	Morison & Tanasijevič, 1966	Karny, 1907
<i>Aeolothrips intermedius</i> Bagnall	zur Strassen, 1981	zur Strassen, 1984
<i>Aeolothrips melaleucus</i> Haliday	zur Strassen, 1984	Andjus, -
<i>Aeolothrips pulcher</i> Oettingen		Andjus, -
<i>Aeolothrips versicolor</i> Uzel	Janežič, 1993	Kazakov, 1927
<i>Aeolothrips vittatus</i> Haliday		zur Strassen, 1984
<i>Anaphothrips euphorbiae</i> Uzel		Kazakov, 1927
<i>Anaphothrips gracillimus</i> Priesner	zur Strassen, 1981	
<i>Anaphothrips obscurus</i> (Müller)	zur Strassen, 1981	Kazakov, 1927
<i>Ankothrips niezabitoskii</i> (Schille)	Jenser, -	
<i>Aptinothrips elegans</i> Priesner	zur Strassen, 1981	Kazakov, 1927
<i>Aptinothrips rufus</i> Haliday	zur Strassen, 1981	Kazakov, 1927
<i>Aptinothrips stylifer</i> Trybom	zur Strassen, 1984	zur Strassen, 1984
<i>Ceratohrips ericae</i> Haliday	zur Strassen, 1984	
<i>Chirothrips aculeatus</i> Bagnall	zur Strassen, 1981	Andjus, 1990a
<i>Chirothrips hamatus</i> Trybom		Andjus, -
<i>Chirothrips manicatus</i> Haliday	zur Strassen, 1984	Kazakov, 1927
<i>Dendrothrips degeeri</i> Uzel	zur Strassen, 1984	Andjus, 1990a
<i>Dendrothrips karnyi</i> Priesner		zur Strassen, 1984
<i>Dendrothrips ornatus</i> Jablonowski	Janežič, 1991	Andjus, 1996
<i>Dendrothrips saltatrix</i> Uzel	zur Strassen, 1981	
<i>Drepanothrips reuteri</i> Uzel	zur Strassen, 1984	Andjus, 1995
<i>Echinothrips americanus</i> Morgan	Trdan, 2002a	
<i>Firmothrips firmus</i> (Uzel)	Janežič, 1992	
<i>Frankliniella intonsa</i> (Trybom)	Morison & Tanasijevič, 1966	Karny, 1907
<i>Frankliniella occidentalis</i> (Pergande)	Janežič, 1993	Andjus, 1992
<i>Frankliniella pallida</i> (Uzel)	zur Strassen, 1984	Andjus, 1990a
<i>Frankliniella tenuicornis</i> (Uzel)	Janežič, 1991	Kazakov, 1927
<i>Heliothrips haemorrhoidalis</i> (Bouché)	Janežič, 1991	Kazakov, 1927
<i>Hercinothrips femoralis</i> (Reuter)	Trdan, 2002c	Kazakov, 1927
<i>Idolothrips paradoxus</i> Priesner		Andjus, -
<i>Iridothrips mariae</i> Pelikan		Andjus, 1989
<i>Kakothrips robustus</i> (Uzel)	Janežič, 1991	Kazakov, 1927
<i>Limothrips angulicornis</i> Jablonowski		Andjus, 1993
<i>Limothrips cerealium</i> Haliday	Janežič, 1991	

<i>Limothrips consimilis</i> Priesner	zur Strassen, 1981	Morison & Tanasijević, 1966
<i>Limothrips denticornis</i> Haliday	Morison & Tanasijević, 1966	Kazakov, 1927
<i>Melanthrips crataegi</i> Janežič = <i>Melanthrips rivnayi</i> Priesner	Janežič, 1991	
<i>Melanthrips fuscus</i> (Sulzer)	Janežič, 1992	Kazakov, 1927
<i>Melanthrips pallidior</i> Priesner		Kazakov, 1927
<i>Microcephalothrips abdominalis</i> (Crawford)	Trdan, 2002ab	
<i>Mycterothrips albicornis</i> (Knechtel)	Seljak, -	
<i>Mycterothrips annulicornis</i> (Uzel)		zur Strassen, 1984
<i>Mycterothrips salicis</i> (O. M. Reuter)		zur Strassen, 1984
<i>Neohydatothrips gracilicornis</i> (Williams)	Trdan, 2002a	Morison & Tansijević, 1966
<i>Odontothrips aemulans</i> Priesner		Kazakov, 1927
<i>Odontothrips confusus</i> Priesner	zur Strassen, 1981	Kazakov, 1927
<i>Odontothrips dorycnii</i> Priesner	zur Strassen, 1984	
<i>Odontothrips loti</i> (Haliday)	Morison & Tanasijević, 1966	Kazakov, 1927
<i>Odontothrips meliloti</i> Priesner		Andjus, 1989
<i>Odontothrips meridionalis</i> Priesner	Janežič, 1991	
<i>Odontothrips phaleratus</i> (Haliday)	zur Strassen, 1984	Kazakov, 1927
<i>Oxythrips bicolor</i> (O. M. Reuter)	Janežič, 1992	
<i>Oxythrips priesneri</i> Pelikan		Andjus, -
<i>Oxythrips ulmifoliorum</i> Haliday	zur Strassen, 1984	
<i>Parthenothrips dracaenae</i> (Heeger)	Trdan & Jenser, -	Kazakov, 1927
<i>Pezothrips dianthi</i> (Priesner)	Janežič, 1991	Kazakov, 1927
<i>Pezothrips frontalis</i> (Uzel)		Kazakov, 1927
<i>Prosopothrips vejdoskyi</i> Uzel	zur Strassen, 1984	
<i>Rhipidothrips elegans</i> Pelikan		Andjus, -
<i>Rhipidothrips graciosus</i> Uzel	Trdan, 2002a	Morison & Tanasijević, 1966
<i>Rubiothrips ferrugineus</i> (Uzel)	zur Strassen, 1984	
<i>Rubiothrips silvarum</i> (Priesner)	zur Strassen, 1981	
<i>Scolothrips longicornis</i> Priesner		Andjus, -
<i>Sericothrips bicornis</i> (Karny)	zur Strassen, 1984	Kazakov, 1927
<i>Sphaeropothrips vittipennis</i> Bagnall		Andjus, -
<i>Stenothrips graminum</i> (Uzel)		Morison & Tanasijević, 1966
<i>Taeniothrips inconsequens</i> (Uzel)	Janežič, 1991	Morison & Tanasijević, 1966
<i>Taeniothrips picipes</i> (Zetterstedt)	zur Strassen, 1984	Kazakov, 1927
<i>Tenothrips discolor</i> (Karny)	zur Strassen, 1984	Karny, 1907
<i>Tenothrips frici</i> Uzel	Janežič, 1991	Karny, 1907

<i>Thrips albopilosus</i> Uzel	Janežič, 1991	Kazakov, 1927
<i>Thrips angusticeps</i> Uzel	Janežič, 1991	Karny, 1908
<i>Thrips atratus</i> Haliday	Morison & Tanasijevič, 1966	Kazakov, 1927
<i>Thrips calcaratus</i> Uzel	Janežič, 1991	
<i>Thrips euphorbiae</i> Knechtel	Janežič, 1991	
<i>Thrips flavus</i> Schrank	zur Strassen, 1984	Andjus, 1990a
<i>Thrips fuscipennis</i> Haliday	Janežič, 1991	Kazakov, 1927
<i>Thrips juniperinus</i> L.	zur Strassen, 1984	
<i>Thrips linarius</i> Uzel		Kazakov, 1927
<i>Thrips major</i> Uzel	Janežič, 1991	Andjus, 1990a
<i>Thrips meridionalis</i> (Priesner)	zur Strassen, 1984	Andjus, 1990a
<i>Thrips minutissimus</i> L.	Janežič, 1992	Kazakov, 1927
<i>Thrips nigropilosus</i> Uzel	zur Strassen, 1984	
<i>Thrips origani</i> Priesner	Janežič, 1991	
<i>Thrips physapus</i> L.	zur Strassen, 1981	Priesner, 1919
<i>Thrips pillichi</i> Priesner	Janežič, 1991	
<i>Thrips sambuci</i> Heeger	Janežič, 1991	
<i>Thrips simplex</i> (Morison)	Janežič, 1991	Gojkovič, 1971
<i>Thrips tabaci</i> Lindeman	zur Strassen, 1981	Karny, 1907
<i>Thrips trehernei</i> Priesner	zur Strassen, 1984	Andjus, 1990a
<i>Thrips urticae</i> Fabricius	Janežič, 1991	
<i>Thrips validus</i> Uzel	zur Strassen, 1984	Kazakov, 1927
<i>Thrips verbasci</i> (Priesner)	Janežič, 1992	
<i>Thrips viminalis</i> Uzel		Kazakov, 1927
<i>Thrips vulgarissimus</i> Haliday	Janežič, 1992	Morison & Tanasijevič, 1966

Legend: the symbol – after collectors name (e. g. Andjus, -) in second and third column signifies the first, still unpublished report

Table 2: Tubulifera species recorded from Slovenia and FR Yugoslavia with the names of collectors and years of their first official reports

Species	Author (collector) and the year of the first report	
	Slovenia	FR Yugoslavia
<i>Acanthothrips nodicornis</i> (O.M. Reuter)		Andjus, 1999a
<i>Bagnalliella yuccae</i> (Hinds)		Andjus, 1990
<i>Bolothrips bicolor</i> (Heeger)	zur Strassen, 1984	zur Strassen, 1984
<i>Bolothrips cingulatus</i> (Karny)	zur Strassen, 1984	Andjus, 1993
<i>Bolothrips dentipes</i> (O. M. Reuter)		Morison & Tanasijevič, 1966
<i>Bolothrips icarus</i> (Uzel)		zur Strassen, 1984

<i>Bolothrips insularis</i> Bagnall	zur Strassen, 1981	
<i>Cephalothrips monilicornis</i> (O.M. Reuter)	zur Strassen, 1981	Andjus, 1993
<i>Compsothrips uzeli</i> (Hood)		Andjus, 2000
<i>Cryptothrips nigripes</i> (Reuter)	zur Strassen, 1984	zur Strassen, 1984
<i>Haplothrips acanthoscelis</i> (Karny)	zur Strassen, 1984	zur Strassen, 1984
<i>Haplothrips aculeatus</i> (Fabricius)	Morison & Tanasijević, 1966	Kazakov, 1927
<i>Haplothrips alpester</i> Priesner		Andjus, 1990a
<i>Haplothrips andresi</i> Priesner	zur Strassen, 1984	Andjus, 1990a
<i>Haplothrips angusticornis</i> Priesner	Janežič, 1991	Andjus, 1990a
<i>Haplothrips crassicornis</i> (John)	zur Strassen, 1984	
<i>Haplothrips dianthinus</i> Priesner		Andjus, 1990a
<i>Haplothrips distinguendus</i> (Uzel)	Janežič, 1991	Priesner, 1919
<i>Haplothrips flavicinctus</i> (Karny)		Kazakov, 1927
<i>Haplothrips helianthemii</i> Oettingen	zur Strassen, 1984	
<i>Haplothrips juncorum</i> Bagnall	Janežič, 1991	
<i>Haplothrips kurdjumovi</i> Karny	Morison & Tanasijević, 1966	Morison & Tanasijević, 1966
<i>Haplothrips leucanthemi</i> (Schrank)	zur Strassen, 1984	Morison & Tanasijević, 1966
<i>Haplothrips limoniastrii</i> Priesner		Morison & Tanasijević, 1966
<i>Haplothrips niger</i> (Osborn)	Morison & Tanasijević, 1966	Morison & Tanasijević, 1966
<i>Haplothrips pannonicus</i> Fábíán	zur Strassen, 1984	Andjus, -
<i>Haplothrips phyllophilus</i> Priesner		zur Strassen, 1984
<i>Haplothrips propinquus</i> Bagnall		Andjus, 1997
<i>Haplothrips reuteri</i> (Karny)	Janežič, 1992	Morison & Tanasijević, 1966
<i>Haplothrips setiger</i> Priesner	Janežič, 1991	Kazakov, 1927
<i>Haplothrips setigeriformis</i> Fábíán	zur Strassen, 1984	Andjus, -
<i>Haplothrips subtilissimus</i> (Haliday)	zur Strassen, 1984	
<i>Haplothrips tritici</i> Kurdjumov	Morison & Tanasijević, 1966	Kazakov, 1927
<i>Hoplandrothrips bidens</i> (Bagnall)		Andjus, -
<i>Hoplothrips corticis</i> (De Geer)	zur Strassen, 1984	
<i>Hoplothrips fieldsi</i> J. C. Crawford	zur Strassen, 1984	
<i>Hoplothrips ulmi</i> (Fabricius)		Andjus, -
<i>Liothrips austriacus</i> Karny	zur Strassen, 1984	Andjus, 1990a
<i>Liothrips pragensis</i> Uzel	zur Strassen, 1984	Kazakov, 1927
<i>Liothrips setinodis</i> (O. M. Reuter)		Andjus, 1997
<i>Lispthrips crassipes</i> Jablonowski	zur Strassen, 1984	
<i>Megalothrips bonannii</i> Uzel		Andjus, 1999a
<i>Megathrips lativentris</i> (Heeger)		Andjus, 1990a

<i>Neoheegeria verbasci</i> (Osborn)		Andjus, -
<i>Phlaeothrips bispinoides</i> Bagnall	zur Strassen, 1984	
<i>Phlaeothrips bispinosus</i> Priesner		Andjus & Milenković, 1996
<i>Phlaeothrips coriaceus</i> Haliday	Janežič, 1991	Andjus & Milenković, 1996
<i>Phlaeothrips pillichianus</i> Priesner		Andjus & Milenković, 1996
<i>Poecilothrips albopictus</i> Uzel		Andjus & Milenković, 1996

Legend: the symbol – after collectors name (e. g. Andjus, -) in second and third column signifies the first, still unpublished report

Table 3: Collectors of thrips with the number of species reported on Terebrantia and Tubulifera

Author (collector)	Country						Σ
	Slovenia			FR Yugoslavia			
	Terebrantia	Tubulifera	Σ	Terebrantia	Tubulifera	Σ	
zur Strassen	35	19	54	7	5	12	66
Andjus				23	19	42	42
Janežič	30	6	36				36
Kazakov				30	5	35	35
Morison & Tanasijević	5	4	9	6	6	12	21
Karny				6		6	6
Trdan	5		5				5
Andjus & Milenković					4	4	4
Priesner				1	1	2	2
Seljak	1		1				1
Gojković				1		1	1
Jenser	1		1				1
Trdan & Jenser	1		1				1
Σ	78	29	107	74	40	114	221

Discussion

Former Yugoslavia with its geographical, climatic and plant variegation has always presented a challenge for biologists and other scientists who's researches have been – directly or indirectly – connected with the fauna. Relatively small number of studies on thrips in this part of Europe is due to a pretty small number of thrip-

sologists in the Old continent. Paradoxically, that number is, comparing to the other continents, still the highest.

First researches of some 250.000 km² area of the former Yugoslavia can be traced back to the first decade of the previous century, when Karny (1907) described six species of thrips as new, recorded from Montenegro. Priesner (1919) followed with two new species a decade later. More significant is Kazakov with 35 newly recorded Thysanoptera species in 1927, mostly from Terebrantia.

Almost forty years later Morison and Tanasijević (1966) covered an area, which is now divided into five independent states (Slovenia, Croatia, Bosnia and Herzegovina, FR Yugoslavia, Macedonia). In that research the first thrips are reported to be recorded in Slovenia. In the beginning of the 80's, zur Strassen found further 54 species in Slovenia, while in the 90's researches of thrips intensified in FR Yugoslavia. So far, 42 species have been newly recorded by Andjus (1989, 1990, 1990a, 1992, 1993, 1995, 1995a, 1996, 1996a, 1997, 1999, 1999a, 2000) or by she and her colleagues (Andjus and Milenković, 1996; Andjus *et al.*, 2001). That period is also significant for Slovenian entomology and thripsology, as Janežič as the first Slovene published the report of his monitoring, which resulted in the discovery of 36 additional thrips species.

In the last years researches in Slovenia are focused on economically important Thysanoptera species. During 2000/2001 their monitoring on cultivated plants from 47 orders and 24 families resulted in the finding of 35 thrips species, among them five newly recorded ones (Trdan, 2002abc). Both in Slovenia and FR Yugoslavia, measures are to be taken and intensified to detect economically important thrips species, above all on imported plant material.

Among the 149 species of thrips, recorded in both countries (107 in Slovenia, 114 in FR Yugoslavia), the majority belongs to Terebrantia. Considering occasional nature of such studies, 149 species is quite a significant number in any aspect.

References

- Andjus, Lj.** 1989. Stenofagne vrste Iridothrips mariae i Odontothrips meliloti - nove u fauni Jugoslavije. *Zb. ref. naučn. skupa "Minerali, stijene, izumrli i živi svijet BiH*, Sarajevo, Oct 07-08 1988: 489-490.
- Andjus, Lj.** 1990. The finding of Yucca thrips (Bagnalliella yuccae /Hinds/) in Yugoslavia. *Proc. 3rd Int. Symp. Thysanoptera*, Kazimierz Dolny, Jun 11-16 1990: 133-136.
- Andjus, Lj.** 1990a. Istraživanja Thysanoptera u Srbiji. *Glas. prir. muz. Beogr.*, B 45, 43-46.
- Andjus, Lj.** 1992. Nalaz Kalifornijskog tripsa u Srbiji. *Jugosl. simp. zašt. bilja*, Vrnjačka banja, Dec. 01-05 1992, summary: 80.
- Andjus, Lj.** 1993. Graminikolne vrste Thysanoptera u Srbiji. *XXI. skup entomol. Jugosl.*, Beogr., Dec. 17-18 1993, summary: 7.

- Andjus, Lj.** 1995. Prva pojava Drepanothrips reuteri Uzel štetne vrste tripsa (Thysanoptera) na vinovoj lozi u Jugoslaviji. 2. jugosl. savetov. zašt. bilja, Vrnjačka banja, Oct 30 – Nov 03 1995, summary: 59.
- Andjus, Lj.** 1995a. Vrste roda Thrips (Thysanoptera, Thripidae) u Jugoslaviji. XXII. skup entomol. Jugosl., Palić, Sep. 05-08 1995, summary: 6.
- Andjus, Lj.** 1996. Proučavanje faune tripsa (Thysanoptera) i značaj biljaka spontane flore za održavanje štetnih vrsta. *Dr. dis.*, Univ. Beogr., Poljopr. fak. Zemun, 233 p.
- Andjus, Lj.** 1996a. Florikolni tripsi familije Thripidae (Thys.) u fauni Srbije. V. kongr. ekol. Jugosl., Beogr., Sep. 22-27 1996, summary: 51.
- Andjus, Lj.** 1997. Check-list of Thysanoptera in the former Yugoslavia. *Acta entomol. serb.*, 2, 1/2: 117-136.
- Andjus, Lj.** 1999. Thrips species on wheat and barley in Yugoslavia. *Proc. 6th Int. Symp. Thysanoptera*, Antalya, Apr 27 – May 01 1998: 1-5.
- Andjus, Lj.** 1999a. Nove vrste familije Phlaeothripidae (Thysanoptera) u Jugoslaviji. *Simp. entomol. Srb.*, Goč, Oct. 21-23 1999, summary: 25.
- Andjus, Lj.** 2000. Compsothrips uzeli (Hood) in Serbia (Thysanoptera, Phlaeothripidae). *Opusc. zool. flum.*, 186: 1-6.
- Andjus, Lj., Milenković, M.** 1996. The Fungiphagous thrips (Thysanoptera, Phlaeothripidae) nowel for the territory of former Yugoslavia. XX. Int. Congr. Entomol., Firenze, Aug. 25-31 1996, summary: 104.
- Andjus, Lj., Spasić, R. & Dopudja, M.** 2001. Thrips collected in various colored water traps on wheat fields in Serbia. In: Thrips, plants, tospoviruses: the millennial review, 7th Int. Symp. Thysanoptera, Reggio Calabria, Jul 02-07 2001: 7 p. (in press).
- Gojković, N.** 1971. Pojava tripsa gladiole (Taeniothrips simplex). *Biljn. lek.*, 3-4, 97-100.
- Janežič, F.** 1991. Prispevek k poznanju tripsov ali resarjev (Thysanoptera) na rastlinah v Sloveniji. *Zb. Bioteh. fak. Univ. Ljublj., Kmet.*, 57: 169-178.
- Janežič, F.** 1992. Prispevek k poznanju tripsov ali resarjev (Thysanoptera) na rastlinah v Sloveniji. *Zb. Bioteh. fak. Univ. Ljublj., Kmet.*, 59: 175-189.
- Janežič, F.** 1993. Tretji prispevek k poznavanju tripsov ali resarjev (Thysanoptera) na rastlinah v Sloveniji. *Zb. Bioteh. fak. Univ. Ljublj., Kmet.*, 61: 161-180.
- Karny, H.** 1907. Die Orthopterenfauna des Küstengebietes von Österreich-Ungarn. *Verz. Mitgl. Berl. Entomol. Ver.*, 52, 1: 17-52.
- Karny, H.** 1908. Die Zoologische Reise des Naturwissenschaftlichen Vereines nach Dalmatien im April 1906. *Mitt. Natwiss. Ver. Univ. Wien*, VI, 8: 101-113.
- Kazakov, V.** 1927. Prilog proučavanju Thysanoptera u Srbiji. *Glas. entomol. druš. kralj. SHS*, 2(1), 11-18.
- Morison, G., Tanasijević, N.** 1966. The frequency of Thysanoptera on some crop plants of Yugoslavia. *Entomol.*, 99: 28-43.
- Priesner, H.** 1919. Zur Thysanopteren Fauna der Ostadriatischen Küstenländer. *Z. Österr. Entomol. Ver.*, 4, (9): 89-90; (10): 96-97; (11): 104-106; (12): 113-114.

- Simova D., Petanović, R., Spasić, R., Protić, Lj., Andjus Lj., Petrović O.** 1997. Insekti i grinje kao potencijalni agensi bioloske borbe protiv segetalnih i ruderalnih korova. Savremeni problemi herbologije, Beogr.: 175-188.
- Trdan S., Jenser G.** 1999. Monitoring of western flower thrips (*Frankliniella occidentalis* Pergande) in the vicinity of greenhouses in different climatic conditions in Slovenia. Proc. Working Group Integr. Control in Field Veg. Crops, Gödöllö, Oct 31 – Nov 03 1999 (*IOBC/WPRS Bull.*) (in press).
- Trdan S., Vierbergen G.** 2001. Nevarnost vnosa nekaterih gospodarsko škodljivih vrst resarjev (Thysanoptera) v Slovenijo. *Zb. pred. ref. 5. slov. posvetovanja vars. rastl.*, Čatež ob Savi, 6.-8. marec 2001, Ljublj., Druš. vars. rastl. Slov.: 303-311.
- Trdan, S.** 1999. Bionomija cvetličnega resarja (*Frankliniella occidentalis* Pergande, Thysanoptera) v Sloveniji. *Magistr. delo*, Univ. Ljublj., Bioteh. fak., Oddel. agron., Ljublj.: 101 p.
- Trdan, S.** 2000. A simple method for rearing of thrips (Thysanoptera) in laboratory to study their bionomics. *Res. Rep., Biotech. Fac., Univ. Ljublj., Agric.*, 75, 1: 19-25.
- Trdan, S.** 2002a. Vrednotenje morfološke in genetske raznolikosti populacij gospodarsko pomembnih vrst resarjev (Thysanoptera) v Sloveniji. *Dr. disert.*, Univ. Ljublj., Bioteh. fak., Oddel. agron., Ljublj.: 90 p.
- Trdan, S.** 2002b. After the first record of *Microcephalothrips abdominalis* (Crawford) in Slovenia: presentation of the species and evaluation of its potential economic importance. *Res. Rep., Biotech. Fac. Univ. Ljublj., Agric.*, 79, 1: 309-316.
- Trdan, S.** 2002c. Resar *Hercinothrips femoralis* (Reuter) ugotovljen tudi v Sloveniji. *Sodob. kmet.*, 35, 6: 242-244.
- Trdan, S., Seljak, G., Jenser, G.** 1999. Cvetlični resar (*Frankliniella occidentalis* Perg.) v Sloveniji. *Zb. pred. ref. 4. Slov. posvetovanja vars. rastl.*, Portorož, 3.-4. marec 1999, Druš. vars. rastl. Slov., Ljublj.: 239-246.
- zur Strassen, R.** 1981. Erste Daten zur Thysanopteren Fauna des Nordwestlichen Istrien (Jugoslawien). *Acta entomol. Jugosl.*, 17, 1-2: 143-151.
- zur Strassen, R.** 1984. Zur Thysanopteren Faunistik des Alpen Vorlandes von Slowenien, nebst einer Check List der Fransenflügler Arten von Jugoslawien. *Acta entomol. Jugosl.*, 20, 1-2: 31-51.

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