

**NABIDAE (HETEROPTERA) FROM FORMER YUGOSLAVIA IN THE COLLECTION OF THE NATURAL HISTORY MUSEUM IN BELGRADE**

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Abstract –The Heteroptera collections of the Natural History Museum in Belgrade include 15 species of the family Nabidae collected at 116 localities in Serbia and in a smaller number of localities in neighboring countries. Corrections of misidentifications for the species *Prostemma sanguineum* (Rossi), which was cited as *P. bicolor* Rambur, as well as for the species *Nabis (Nabicula) flavomarginatus* Scholtz, collected on Kopaonik and previously cited as *Himacerus (Anaptus) major* (A. Costa), are provided.

KEY WORDS: Heteroptera, Nabidae, collections, distribution

Izveček – NABIDAE (HETEROPTERA) IZ NEKDANJE JUGOSLAVIJE V ZBIRKAH PRIRODOSLOVNEGA MUZEJA V BEOGRADU

Zbirke stenice (Heteroptera) v Prirodoslovnem muzeju v Beogradu vsebujejo 15 vrst iz družine Nabidae, ulovljene v 116 krajih v Srbiji in v manjšem številu krajev v sosednjih državah. Vnešena sta popravka napačnih določitev za vrsti *Prostemma sanguineum* (Rossi), ki je bila navedena kot *P. bicolor* Rambur, in za vrsto *Nabis (Nabicula) flavomarginatus* Scholtz, ulovljeno na Kopaoniku, ki je bila navedena kot *Himacerus (Anaptus) major* (A. Costa).

KLJUČNE BESEDE: Heteroptera, Nabidae, zbirke, razširjenost

Introduction

The Natural History Museum in Belgrade hosts several collections of Heteroptera: Study Collection and collections by Nikola Kormilev, Petar Novak and Ljubodrag Janković. The Study Collection was made in the period after the World War II and it rapidly increased in scope after 1978. It is still continuously enlarged by new

specimens. The other collections were named after their collectors – famous entomologists.

Ing. Nikola A. Kormilev (1901 – 1998) was born on January 29th, 1901 in Jalta on Crimea. After 1920 he lived in Yugoslavia. He graduated from Agriculture-Forestry College in Zagreb and taught in Agriculture high schools in Požarevac, Leskovac and Tetovo. After 1932, he worked in Banks Management in Skopje. The collection of Heteroptera, currently in Natural History Museum in Belgrade, includes 800 species, collected in Macedonia and Serbia, while through exchange he acquired species from the surrounding countries of former Yugoslavia, as well as from countries of Central Europe. After 1945, he lived in Argentina and worked in the Natural History Museum in Buenos Aires, and after that in the Institute of Natural Sciences at the Jesuit University in San Miguel, where besides the research he also taught entomology to college students. After 1957, he lived in USA, continuing his studies on Heteroptera, especially the families Phymatidae and Aradidae. After the retirement in 1968, he was an associate researcher at Bishop Museum in Honolulu. He continued studies of the family Aradidae from Oriental Region and South Pacific. He was a member of the New York Academy of Sciences. He died on April 22nd, 1998 in St. Petersburg, FL, USA (Heiss, 1999). He published 232 scientific papers and described a new family Vianaididae, 2 subfamilies, 6 tribes, 107 genera and subgenera and 1182 species and subspecies of Heteroptera.

Petar Novak (1879 – 1968) was born on June 16th, 1879 on the island of Hvar, as a son of a teacher and entomologist Ivan Novak. He graduated from Economy Community College in Križevci in 1901 and after that finished the practicum in Winemaker College in San Michele (southern Tirol). He spent his working life as a vineyard inspector for Dalmatia in the Entomological laboratory of Agricultural Station in Split, Zadar and Sućurac. Since the early childhood he showed great interest for insects and entomology. He was making collections of insects from all over Dalmatia, in all places where he worked. He paid most attention to the montane Coleoptera and to the cave fauna. During many years of active work, Novak made a rich collection in which almost all insect orders are represented, but primarily Coleoptera (Nonveiller, 1989). The Heteroptera collection of Petar Novak is now kept in the Natural History Museum in Belgrade.

Ljubodrag Janković (1920 – 1989) was born in the vicinity of Kragujevac, on August 6th, 1920. After graduating from the local middle school in his village, he went to the Gymnasium (college preparatory high school) in Kragujevac. He graduated from Agriculture-Forestry College in Zemun in 1949, and spent all his working days in Institute for Biological Research in Belgrade. In 1962, he finished his doctoral thesis at Science-Mathematics College in Belgrade under the title “Structure and dynamics of community of Arthropoda in grassland associations of Kopaonik”, including fluctuation in population numbers of dominant and characteristic insect species. Janković made a great contribution to studies on the fauna of Homoptera Auchenorrhyncha, as well as Heteroptera and Coleoptera. For professional development, he often visited the Natural History Museum in Prague and the famous expert on Homoptera, Dr. Jiří Dlabola. The Heteroptera collection of Ljubodrag

Janković is kept in the Natural History Museum in Belgrade. Most specimens were collected on Kopaonik, in the vicinity of Belgrade and in a few localities in central Serbia. The collection includes 165 species, belonging to 17 families.

The present work is a contribution to the knowledge of the distribution of the family Nabidae on the Balkan peninsula. It brings together data from all collections listed above for the first time. Data from the collection of Nikola Kormilev were already published (Kormilev, 1936, 1939, 1939a, Protić, 1998). Protić (1998) cited published data which partially refer to the specimens in the collections. Up to now, there is no monograph or larger overview paper dealing with the family Nabidae in the Balkan Peninsula. The existing data are included in faunistic papers on the Heteroptera as a whole (Gogala & Gogala, 1989, Gogala, 2004, Göllner-Scheiding, 1978, 1982, Josifov, 1986, Novak & Wagner, 1951, Protić, 1998). The monographs by Benedek (1969), Kerzhner (1981), Péricart (1987) and Aukema & Rieger (1996) present additional data on the Nabidae of the Balkan Peninsula.

Included localities

The collections of the Natural History Museum in Belgrade include specimens of the family Nabidae collected at 164 localities in the territory of the former Yugoslavia. The asterisk (*) is used for localities not mentioned in the Catalogue by Protić (1998).

Bosna and Herzegovina:

Domanovići. YH38

*Lebršnik CN18

Croatia:

Dubrovnik BN62

Kaštel Lukšić XJ12

*Kaštrel Sućurac XJ12

Mosor XJ32

Mosor: Debelo Brdo XJ32

Muč XJ13

Nerežišće: Kneža Ravan XH39

Sinj XJ33

Solin XJ22

Split XJ11

Sućurac XJ12

Sukošan WJ27

Trogir XJ01

Velebit: Paklenica WK04

Vrana VK57

Macedonia:

*Kamaška FL37

*Stobi EL89

Montenegro:

*Bajlovića Sige CN57

Durmitor: Borje CN58

Durmitor: Bosača CN48

Durmitor: Škrčka Jezera CN37

Durmitor: Štuoc CN48

*Kameno More: Medjurečje BN91

Slovenia:

*Dravograd VM96

*Lesce-Bled VM23

*Kalobje WM21

*Litija VM80

Pohorje WM24

Podčetrtek WM41

Serbia:

Ada Ciganlija DQ55

Avala DQ64

Banatski Karlovac EQ19

Barajevo DQ53

Bavanište DQ96

*Begaljica DQ74

Beli Potok DQ64

*Beljanica: Hajdučki Potok EP68

*Beljanica: Trlište EP58

Beograd DQ55

*Beograd: Pionirski Grad DQ55

Besna Kobila EN90

*Bioska: Djetinja CP85

- *Biserno Ostrvo DR25
 Boljevci: Crni Lug DQ35
 Boljevci-Progar DQ35
 Borča DQ56
 Brnjica EQ54
 *Bubanj Potok DQ64
 Crni Vrh EP78
 Čardak EQ06
 Deliblatska Peščara EQ06
 Devojački Bunar EQ16
 Djavalji Most Dunav-Tisa-Dunav EQ27
 Djurinci DQ72
 *Dobanovci DQ36
 Dolina EQ07
 Donji Milanovac EQ82
 Dražanj DQ73
 *Dubovac EQ15
 *Fruška Gora: Brankovac DQ09
 *Fruška Gora: Stražilovo DR00
 *Galovica DQ66
 *Goč DP82
 *Gornja Sabanta DP96
 Grebenac EQ17
 Grocka DQ74
 *Jakovo: Bojčinska Šuma DQ45
 *Jakovo: Jakovački Ključ DQ45
 Jasenovo EQ27
 *Jastrebac EP30
 Kladovo FQ24
 Konatice DQ43
 Kopaonik: Ječmište DN89
 Kopaonik: Milanov Vrh DN89
 Kopaonik: Srebrnac DN89
 Kopaonik: Šanac DN89
 Kopaonik: Treska DN89
 Korn EQ87
 Kosmaj DQ62
 Košutnjak DQ55
 Kusjak FP29
 *Lanište EN89
 Ledine DQ46
 *Lipovica: Lipovačka Šuma DQ54
 Lok DR29
 Ljutovo CR90
 *Makiš DQ44
 Mala Moštanica DQ44
 Mala Moštanica: Žuto Brdo DQ44
 *Mali Čemernik FN03
 Mali Štrbac FQ13
 Miroč: Stenišće EQ93
 Mokranje FP29
 *Negotin: Rogljevo FP18
 *Novi Beograd DQ56
 Obedska Bara DQ15
 Obrenovac DQ34
 *Pančevo DQ76
 *Pinosava DQ54
 Plavna FQ00
 *Popović DQ63
 *Progar DQ45
 Radmilovac DQ65
 *Rajac DP38
 *Rajac: Banjani DP38
 *Rajac: Jasenje DP38
 Rakovica DQ55
 Resnik DQ55
 *Ripaljka EP62
 *Ritopek DQ74
 *Rudnik: Gradovi
 Rušanj DQ44
 *Sakule DQ79
 Salakovac EQ23
 Slankamen DQ49
 *Smederevo: Landal DQ94
 *Sremčica DQ54
 Stara Planina: Topli Do FP30
 *Stari Slankamen EQ23
 *Stari Slankamen: Koševac DQ49
 *Stepin Gaj DQ65
 Stol EP99
 *Subotica CS90
 Surčin DQ45
 Surduk DQ48
 Šara: Prevalac DM96
 *Šara: Suva Reka DM96
 Šiljakovac DQ43
 *Šumarice DP97
 *Tara CP75
 *Tara: Borovo Brdo CP65
 *Tara: Hajdučki Potok CP75
 *Tara: Jelisavčići CP84
 *Tara: Kaludjerske Bare CP75

*Tara: Kozje Stene CP75	Veliki Štrbac FQ03
*Tara: Manastir CP75	Vince EQ45
*Tara: Mitrovac CP75	Vinča DQ65
*Tara: Šljivovica CP75	Vlasina FN02
*Tara: Zaovine CP65	Vlasina: Klisura FN02
Topčider DQ55	Vlasina-Vrla FN02
*Topola-Božurnja DQ80	Vlasinsko jezero FN02
*Trgovište EM88	Vratna FQ01
Umčari DQ73	Vrčin DQ64
Usje EQ44	Zatonje EQ32
*Užice DP05	*Zemun DQ56
*Veliki Krš: Gornjane EP89	Zlatar DP00
*Veliki Krš: Lazarov Kamen EP89	Žagubica EP69

Abbreviations for the collectors of Nabidae specimens kept in the Heteroptera collections of the Natural History Museum:

A. R.	Aleksandra Rohalj	Lj. A.	Ljiljana Andjus
A. S.	Aleksandar Stojanović	Lj. J.	Ljubodrag Janković
B. P.	Boris Petrov	Lj. K.	Ljiljana Kašić (Lj. P.)
D. Č.	Danka Čubrilović	Lj. P.	Ljiljana Protić
D. T.	Danka Tripković (D. Č.)	Lj. T.	Ljubinka Tričković
E. P.	Egon Pretner	M. V.	Marija Vujanić
G. Dž.	Georg Džukić	M. Ž.	Milan Živković
G. M.	Gabor Mesaroš	P. N.	Petar Novak
G. N.	Guido Nonveiller	S. P.	Snežana Pešić
I. D.	Ivan Dodok	T. T.	Trajče Trajkovski
J. S.	Jovan Stančić	V. L.	Vojteh Lindtner
I. T.	Ivo Toševski	Ž. A.	Živko Adamović

Results

A revision was made of all specimens belonging to the family Nabidae in the collections of the Natural History Museum in Belgrade. The list follows the classification by Schuh & Štys (1991) who divided Nabidae into two subfamilies, Prostematinae and Nabinae.

NABIDAE A. Costa, 1853
PROSTEMMATINAE Reuter, 1890

Alloeorhynchus flavipes (Fieber, 1836)

SERBIA: Radmilovac 1♀ 19.3.1992 leg. Lj. P., Beograd 1♂ 8.10.2001 leg. A. S.

Prostemma aeneicolle Stein, 1857

Serbia: Stražilovo 1♀ 18.4.1948 leg. unknown, Kopaonik: Ječmište 1♀ 26.7.1956 leg. Lj. J., Jakovo: Jakovački Ključ 1♀ 11.6.1955 leg. Lj. J., Ada Ciganlija 1♂ 19.4.1997, 1♀ 1.3.1998 leg. A. S.

Slovenia: Lesce-Bled 1♀ 28.8.1948 leg. unknown, Kalobje 1♀ 20.4.1930 leg. unknown

Prostemma guttula guttula (Fabricius, 1787)

SERBIA: Novi Beograd 1 larva 26.6.1999, 1♂ 23.6.2002 leg. A. S., Galovica 2♂ 11.9.1999 leg. A. S., Begaljica 1♀ 24.4.2003 leg. A. S., Zemun 1♀ 27.4.2004, 1♂ 1♀ 29.4.2003 leg. A. S., Beograd 1♀ 27.4.2004, 1♀ 27.4.2005 leg. A. S.

Prostemma sanguineum (Rossi, 1790)*

SERBIA: Dolina 1♀ 10.5.1953 leg. D. Č., Novi Beograd 1♀ 20.6.2004 leg. A. S.

NABINAE A. Costa, 1853

Himacerus (Himacerus) apterus (Fabricius, 1798)

CROATIA: Sinj 1♂ 29.6.1936 leg. P. N.

SERBIA: Ada Ciganlija 4♀ 30.8.1956 D. Č., Kopaonik: Šanac 1♀ 1.11.1954 leg. Lj. J., Topčider 1♂ 7.7.1980 leg. Lj. K., Deliblatska Peščara (Sand) 1♀ 29.9.1983 leg. Lj. P., Bavanište 1♀ Sept. 1984 leg. M. Ž., Fruška Gora: Brankovac 1♂ 22.8.1986 leg. D. P., Lok 1♀ 22.8.1991 leg. Lj. P., Radmilovac 1♂ 2♀ 11.10.1991, 2♀ 29.6.1992 leg. Lj. P., Progar 1♀ 21.7.1996 leg. A. S., Vinča 1♂ 29.7.1997 leg. A. S., Jakovo: Bojčinska Šuma 1♀ 22.8.1997 leg. A. S., Popović 1♂ 4♀ 8.8.1997 leg. A. S., Resnik 1♂ 1♀ 13.8.1997 leg. A. S., Kosmaj 1♂ 3♀ 26.8.1997, 5♂ 18.7.1998, 1♂ 2♀ 15.8.1998, 1♀ 27.7.2000 leg. A. S., Mala Moštanica: Žuto Brdo 2♂ 2♀ 25.7.1998, 3♂ 29.6.2002, 1♀ 16.8.2003 leg. A. S., Boljevci: Crni Lug 1♂ 7.7.1998, 1♀ 18.9.1999 leg. A. S., Goč 1♀ 28.9.2001 leg. S. P., Vrčin 1♂ 1♀ 12.7.2003 leg. A. S.

Himacerus (Aptus) mirmicoides (O. Costa, 1834)

BOSNA AND HERZEGOVINA: Domanovići 2♀ 21.5.1951 leg. G. N.

CROATIA: Mosor 1♀ 26.5.1935, 1♂ 1♀ 7.6.1937, 1♀ 26.5.1940, 1♀ 19.7.1941 leg. P. N., Mosor Debelo Brdo 1♀ 25.8.1940 leg. P. N., Split 1♀ 29.5.1935, 1♀ 20.8.1940, 1♂ 1♀ 23.8.1940, 1♀ 15.6.1943, 1♀ 7.5.1942, 1♀ 5.8.1943, leg. P. N., Split 1♂ 15.10.1952 leg. J. S., Kaštel Lukšić 31.8.1940, 1♀ 2.6.1943 leg. P. N., Velebit: Paklenica 1♂ 7.7.1940 leg. P. N., Nerežišće: Kneža Ravan 2♂ 6♀ 29.9.1940 leg. P. N., Sukošan 3♀ 11.10.1940 leg. P. N., Vrana 1♀ 20.10.1940, 1♀ 26.11.1940 leg. P. N., Solin 1♀ 10.10.1943 leg. P. N., Dubrovnik 1♀ 24.5.1958 leg. Ž. A.

SERBIA: Žagubica 1♀ 7.5.1937 leg. G. N., Zemun 1♀ 25.5.1937 leg. G. N., Topčider 1♀ 14.5.1942, 1♂ 21.7.1942 leg. B. P., Avala 1♂ 2.8.1942 leg. V. L., 3♂ 29.8.1997, 1♀ 9.5.1998 leg. A. S., Donji Milanovac 1♀ 24.9.1967 leg. D. Č., Beograd: Pionirski Grad 1♀ 31.5.1978 leg. Lj. K., Gornja Sabanta 1♀ 17.7.1978 leg. Lj. K., Bujanj Potok 1♀ 12.9.1979 leg. Lj. K., Grocka 1♀ 5.9.1980 leg. Lj. A., Košutnjak 1♀ Sept. 1981 leg. Lj. P., 2♀ 4.5.1997 leg. A. S., Beljanica: Hajdučki Potok 1♀ 5.5.1985, Stol 1♀ 6.5.1988 leg. Lj. P., Jastrebac 1♀ Oct. 1988 leg. Lj. K., Radmilovac 1♀ 19.3.1992 leg. Lj. P., Stepin

Gaj 1♂ 1♀ 11.5.1997 leg. A. S., Topčider 1♀ 17.8.1997, Vinča 2♀ 18.5.1997, 1♂ 3.9.1997 leg. A. S., Ada Ciganlija 1♀ 27.4.1997 leg. A. S., Resnik 2♂ 2♀ 13.8.1997, 1♀ 8.10.1997 leg. A. S., Begaljica 1♂ 2♀ 10.5.1997, 2♂ 9.8.1997, 1♂ 3♀ 26.9.1998 leg. A. S., Kosmaj 1♂ 26.8.1997, 1♀ 6.6.1998, 1♀ 15.8.1998, 1♂ 10.5.2003 leg. A. S., Ritopek 1♀ 20.6.1998 leg. A. S., Mala Moštanica: Žuto Brdo 1♀ 25.7.1998, 3♀ 25.9.1999, 1♂ 2♀ 22.6.2002, 3♂ 3♀ 7.8.2004 leg. A. S., Surduk 1♂ 1.8.1998, 1♀ 22.4.2000 leg. A. S., Stari Slankamen 1♀ 2.10.1999 leg. A. S., Stari Slankamen: Koševac 2♀ 6.5.2000, 1♀ 16.9.2000, 1♀ 28.6.2003 leg. A. S., Boljevci: Crni Lug 1♀ 31.5.1998, 1♀ 18.9.1999 leg. A. S., Vrčin 1♀ 5.5.2001, 1♂ 1♀ 12.7.2003 leg. A. S., Novi Beograd 1♂ 2.10.2004 leg. A. S., Užice 1♀ May 2005 leg. I. D.

SLOVENIA: Podčetrtek 1♀ 20.3.1930 leg. E. P., Dravograd 1♀ 10.8.1936 leg. P. N., Pohorje 1♂ 19.8.1936 leg. P. N.

Himacerus (Stalia) boops (Schiodte, 1870)

MONTENEGRO: Durmitor: Bosača 1♀ 27.7.1985 leg. Lj. P.

Nabis (Aspilaspis) viridulus Spinola, 1837

CROATIA: Trogir 5♀ 19.10.1952 leg. J. S.

Nabis (Nabicula) flavomarginatus Scholtz, 1847

MONTENEGRO: Durmitor: Štuoc 1♀ 17.7.1981 leg. Lj. P., Durmitor: Borje 1♂ 1♀ 24.7.1981 leg. Lj. P., Durmitor: Bosača 1♀ 22.7.1985 leg. A. R., Durmitor: Škrčka Jezera 3♀ 9.8.1985 leg. M. Ž.

SERBIA: Avala 1♀ 24.7.1941 leg. B. P., Kopaonik: Treska 1♀ 17.7.1952 leg. Lj. J., Stara Planina: Topli Do 1♀ 13.7.1979 leg. Lj. K., Vlasina: Vrla 1♀ 1.7.1981 leg. Lj. P., Vlasina 2♂ 3♀ 2.7.1981, 1♂ 3.7.1981 leg. Lj. P., Vlasinsko Jezero 1♀ 3.7.1981, Vlasina: Klisura 1♂ 3.7.1981 leg. Lj. P., Mali Čemernik 1♀ 12.7.1985, Besna Kobila 1♂ 1♀ 13.7.1985 leg. Lj. P., Zlatar 1♂ 22.7.1987 leg. Lj. P., Tara 1♂ 1♀ 2.8.1981, 1♂ 1♀ 29.7.1988 leg. Lj. P., Tara: Kozje Stene 2♂ 1♀ 28.7.1988 leg. Lj. P., Tara: Kaludjerske Bare 2♂ 1♀ 2.8.1988 leg. Lj. P., Tara: Mitrovac 1♀ 27.7.1988, 3♂ 4♀ 24.7.1989 leg. Lj. P., Tara: Borovo Brdo 1♀ 1.8.2002 leg. Lj. P., Beljanica: Trlišće 2♀ 22.7.2004 leg. M. V.

Nabis (Nabis) brevis Scholtz, 1847

CROATIA: Split 1♀ 4.4.1933 leg. P. N.

SERBIA: Jakovo: Jakovački Ključ 1♀ 26.5.1954 leg. Lj. J., Topčider 1♀ 19.4.1942 leg. B. P., Beli Potok 2♂ 2♀ 17.7.1982, 2♂ 1.7.1983, 1♂ 11.8.1983 leg. Lj. P., Usje 1♂ 29.6.1985 leg. Lj. P., Banatski Karlovac 1♂ 30.6.1987, Smederevo: Landal 3♂ 2♀ 3.5.1988 leg. G. M., Umčari 1♀ 23.10.1990 leg. Lj. P., Radmilovac 3♂ 1♀ 30.8.1990, 3♂ 11.10.1991, 4♂ 1♀ 19.3.1992, 9♂ 4♀ 29.6.1992, 1♂ 1♀ 30.8.1990 leg. Lj. P., Stepin Gaj 1♂ 6.9.1987, 2♀ 11.5.1997, 1♀ 30.4.2001 leg. A. S., Boljevci-Progar 1♂ 21.7.1996 leg. A. S., Kosmaj 2♂ 3♀ 8.8.1996 leg. Lj. P., Topčider 5♂ 17.8.1997 leg. A. S., Resnik 4♂ 5♀ 13.8.1997 leg. A. S., Jakovo: Bojčinska Šuma 5♂ 22.8.1997 leg. A. S., Vinča 6♂ 6♀ 17.7.1999 leg. A. S., Užice 5♀ May 2005 leg. I. D.

SLOVENIA: Litiya 1♀ 25.8.1934 leg. P. N.

Nabis (Nabis) ferus (Linnaeus, 1758)

BOSNA AND HERZEGOVINA: Lebršnik 1♀ 27.5.1951 leg. G. N.

CROATIA: Kaštel Sućurac 1♀ May 1920 leg. P. N., Split 1♀ 5.4.1934, 1♀ 15.4.1934, 1♀ 5.5.1934, 1♀ 28.6.1940 leg. P. N., Sinj 1♂ 2♀ 29.6.1936 leg. P. N., Mosor 1♂ 11.8.1940 leg. P. N., Sukošan 2♂ 2♀ 11.10.1940 leg. P. N., Vrana 2♂ 2♀ 20.10.1940, 1♀ 20.10.1954 leg. P. N., Kaštel Lukšić 1♂ 2.8.1943 leg. P. N., Muć 1♂ 22.5.1946.

SERBIA: Negotin: Rogljevo 1♂ 16.7.1921 leg. P. N., Zemun 1♀ 25.5.1937, 2♂ 1♀ 22.6.1937, 10♂ 8♀ 15.4.1948 leg. G. N., Pančevo 3♀ 20.6.1937 leg. G. N., Ada Ciganlija 1♂ 21.6.1958, 5♂ 2♀ 30.8.1956, 5♂ 3♀ 7.9.1956, 5♂ 2♀ 21.9.1956, 1♂ 1♀ 19.10.1956 leg. D.Č., 2♂ 27.4.1997, 3♀ 12.10.1997 leg. A. S., Obedska Bara 1♂ 3♀ 15.7.1954 leg. D.T., Kopaonik: Ječmište 1♀ 24.9.1953, 1♀ 26.5.1955, 4♂ 3♀ 18.8.1956, 2♂ 23.9.1957 leg. Lj. J., Kopaonik: Srebrnac 1♀ 19.6.1952 leg. Lj. J., Kopaonik: Milanov Vrh 1♂ 30.9.1958 leg. Lj. J., Dobanovci 1♀ 14.5.1955 leg. Lj. J., Rajac 1♂ 10.7.1977 leg. Lj. K., Lanište 1♂ 26.7.1977 leg. Lj. K., Beograd 1♀ 8.6.1979 leg. Lj. K., 1♂ 12.11.2004 leg. A. S., Rajac: Banjani 1♀ 12.7.1979 leg. Lj. K., Surčin 3♀ 24.6.1981 leg. Lj. P., Rakovica 1♀ 19.9.1981, 1♂ 2♀ 11.8.1983, leg. Lj. P., Beli Potok 1♀ 3.6.1982, 1♀ 12.6.1982, 2♀ 5.7.1982, 1♂ 3♀ 1.7.1983, 2♀ 11.8.1983, 2♀ 17.7.1984, 3♂ 11.8.1983 leg. Lj. P., Ledine 1♀ 26.5.1982, 1♀ 11.6.1982 1♂ 11♀ 16.7.1982 leg. Lj. P., Konatice 3♀ 20.6.1982 1♂ 29.7.1982 leg. Lj. P., Rušanj 1♀ 16.8.1983 leg. Lj. P., Borča 2♀ 19.7.1983, 1♂ 1♀ 28.7.1983 leg. Lj. T., Sremčica 1♀ 16.8.1983 leg. Lj. P., Avala 1♂ 6.10.1983, 2m 1♀ 26.6.1984, 2♂ 23.3.2000 leg. Lj. P., 2♂ 1♀ 9.5.1998, 5♂ 19.8.2000 leg. A. S., Stol 1♂ 3♀ 12.7.1984 leg. Lj. P., Kusjak 2♂ 12.9.1984 leg. Lj. P., Miroč: Stenišće 1♂ 14.9.1984 leg. Lj. P., Beljanica: Hajdučki Potok 1♀ 4.5.1985 leg. M. Ž., Veliki Štrbac 1♀ 27.6.1985 leg. Lj. P., Usje 5♂ 5♀ 29.6.1985 leg. Lj. P., Vince 1♂ 1♀ 29.6.1985 leg. Lj. P., Zatonje 1♀ 29.6.1985 leg. Lj. P., Trgovište 2♂ 14.7.1985 leg. Lj. P., Deliblatska Peščara (Sand) 1♂ 25.8.1985 leg. Lj. P., Ljutovo 3♀ 29.3.1985, 1♀ 31.10.1985 leg. M. I., Kladovo 2♂ 1♀ 16.6.1987 leg. Lj. P., Vratna 1♀ 16.6.1987 leg. Lj. P., Dubovac 3♂ 2♀ 14.7.1987 leg. Lj. P., Djavolji Most Dunav-Tisa-Dunav 5♂ 4♀ 14.7.1987 leg. Lj. P., Jasenovac 3♂ 14.7.1987 leg. Lj. P., Veliki Krš: Gornjane 1♂ 6.5.1988 leg. G. M., Šara: Suva Reka 1♀ 24.6.1988 leg. Lj. P., Vinča 8♂ 6♀ 28.9.1989, 3♂ 29.9.1989, 3♂ 3♀ 3.11.1989 leg. Lj. P., Vinča 1♂ 1♀ 3.9.1997, 3♀ 17.7.1999 leg. A. S., Šiljakovac 2♂ 1♀ 22.11.1989, 1♂ 1♀ 21.6.1992, 1♂ 4♀ 3.10.1990 leg. Lj. P., Salakovac 1♀ 23.10.1990 leg. Lj. P., Djurinci 3♀ 25.10.1990 leg. Lj. P., Radmilovac 1♂ 1♀ 28.9.1987, 1♂ 1♀ 3.11.1989, 2♂ 2♀ 30.8.1990, 2♀ 19.3.1992, 1♀ 20.6.1992 leg. Lj. P., Topčider 2♂ 26.4.1997, 1♀ 4.5.1997, 1♀ 2.10.1997 leg. A. S., Topčider 1♀ 10.9.2002 leg. Lj. P., Košutnjak 5♂ 4.5.1997 leg. A. S., Boljevci-Progar 3♀ 17.05.1997 leg. A. S., Stepin Gaj 1♂ 6.9.1997, 5♂ 3♀ 17.10.1998, 1♂ 15.9.1999 leg. A. S., Begaljica 1♀ 10.5.1997, 1♀ 9.8.1997, 2♂ 9.9.1997, 1♂ 15.4.2000 leg. A. S., Mala Moštanica 5♂ 13.9.1997 leg. A. S., Kosmaj 1♂ 6.6.1998., 4♂ 15.8.1998, 1♀ 10.5.2003 leg. A. S., Pinosava 1♀ 24.5.1998 leg. A. S., Ritopek 2♂ 20.6.1998 leg. A. S., Boljevci: Crni Lug 1♂ 28.2.1998, 2♀ 31.5.1998, 5♂ 3♀ 7.7.1998, 2♂ 2♀ 18.9.1999, 1♂ 5♀ 9.10.1999 leg. A. S., Popović 3♀ 8.8.1998 leg. A. S., Surduk 5♂ 10♀ 27.6.1998, 5♂ 1♀ 1.8.1998, 5♂ 21.8.1999, 1♂ 1♀ 22.4.2000, 3♀ 14.10.2000 leg. A. S., Mala Moštanica:

Žuto Brdo 5♂ 5♀ 25.7.1998, 25.9.1999, 3♀ 10.6.2000, 1♂ 9.9.2000 leg. A. S., Galovica 2♂ 5♀ 3.7.1999 leg. A. S., Slankamen 5♂ 5♀ 2.10.1999 leg. A. S., Vrčin 1♀ 12.8.2000 leg. A. S., Sakule 5♂ 6♀ 7.8.1999, 5♀ 3.6.2000 leg. A. S., Stari Slankamen: Koševac 5♂ 3♀ 16.9.2000 leg. A. S., Šumarice 1♂ 2♀ 13.6.2002 leg. Lj. P., Topola-Božurnja 1♀ 13.06.2002 leg. Lj. P., Dražanj 1♂ 1♀ 15.6.2002, 3♂ 2.5.2003 leg. A. S., Resnik 1♂ 1♀ 6.7.2002, 1♀ 31.5.2003, 2♂ 2♀ 17.9.2003, 1♀ 30.4.2005 leg. A. S.

MACEDONIA: Stobi 1♀ 3.7.1980 leg. I. T.

Nabis (Nabis) pseudoferus Remane, 1949

CROATIA: Split 1♀ 5.4.1933, 1♀ 20.9.1936, 1♂ 28.6.1940 leg. P. N., Vrana 1♂ 3♀ 20.10.1940 leg. P. N.

MACEDONIA: Kamaška 1♀ 1.5.1995. leg. T. T.

SERBIA: Zemun 1♂ 3♀ 25.5.1937, 4♂ 22.6.1937 leg. G. N., Obedska Bara 1♀ 5.8.1955 leg. D. T., Ada Ciganlija 2♀ 21.9.1956, 2♀ 28.10.1958 leg. D. Č., 2♂ 19.4.1997, 2♂ 27.4.1997 leg. A. S., Grocka 4♀ 22.7.1978, 2♂ 1♀ 24.9.1980 leg. Lj. A., Rajac: Jasenje 1♀ 13.7.1979 leg. Lj. K., Konatice 1♂ 2♀ 20.6.1982 leg. Lj. P., Beli Potok 3♂ 11♀ 5.7.1982, 4♂ 1♀ 17.7.1984, leg. Lj. P., Ledine 2♂ 2♀ 11.6.1982, 9♂ 12♀ 25.6.1982, 3♂ 8♀ 16.7.1982 leg. Lj. P., Korn 1♀ 6.7.1984, 1♂ 1♀ 18.8.1987 leg. Lj. P., Kusjak 1♂ 1♀ 12.9.1984 leg. Lj. P., Subotica 1♀ 31.10.1985 leg. M. I., Obrenovac 1♀ 17.7.1986 leg. M. I., Pančevo 1♀ 13.8.1987 leg. Lj. P., Jasenovo 2♂ 2♀ 14.7.1987 leg. Lj. P., Djavolji Most Dunav-Tisa-Dunav 4♂ 2♀ 14.7.1987 leg. Lj. P., Dubovac 1♂ 14.7.1987 leg. Lj. P., Stol 1♂ 6.5.1988 leg. G. M., Vinča 3♀ 28.9.1989, 1♂ 30.8.1990 leg. Lj. P., 4♂ 29.7.1997, 2♀ 10.5.1998, 1♂ 24.6.2000 leg. A. S., Radmilovac 2♀ 14.9.1989, 2♀ 28.9.1989, 1♂ 1♀ 22.11.1989, 1♂ 11.12.1989, 1♂ July 1990, 1♀ 30.8.1990, leg. Lj. P., Šiljakovac 1♂ 1♀ 3.10.1990 leg. Lj. P., Biserno Ostrvo 1♀ 22.8.1991 leg. Lj. P., Progar 2♀ 31.8.1994 leg. A. S., Košutnjak 1♀ 4.5.1997, 2♂ 13.8.1997, 1♂ 8.10.1997, 1♂ 1♀ 15.7.2004 leg. A. S., Begaljica 2♀ 9.9.1997, 3♂ 5♀ 26.9.1998, 1♀ 15.4.2000 leg. A. S., Resnik 1♂ 8.10.1997, 1♂ 3♀ 26.8.2000, 1♂ 3♀ 24.7.2004 leg. A. S., Kosmaj 1♀ 15.8.1998 leg. A. S., Surduk 5♂ 1.5.1998, 5♀ 21.8.1999 leg. A. S., Mala Moštanica: Žuto Brdo 5♀ 25.9.1999, 1♂ 2♀ 7.8.2004 leg. A. S., Stari Slankamen: Koševac 1♂ 1♀ 6.5.2000, 2♀ 5.8.2000 leg. A. S., Bioska: Đetinja 1♀ 27.7.2003 leg. Lj. P., Tara: Jelisavčići 2♂ 1♀ 25.7.2003 leg. Lj. P., Devojački Bunar 1♂ 2♀ 19.6.2004, 2♂ 2♀ 17.7.2004 leg. A. S.

Nabis (Nabis) punctatus A. Costa, 1847

SERBIA: Vinča 1♀ 3.11.1989 leg. Lj. P., Šiljakovac 1♂ 2♀ 3.10.1990 leg. Lj. P., Biserno Ostrvo 1♀ 22.8.1991 leg. Lj. P., Radmilovac 2♂ 3♀ 11.10.1991 leg. Lj. P.

Nabis (Nabis) rugosus (Linnaeus, 1758)

BOSNA AND HERZEGOVINA: Lebršnik 1♂ 1♀ 27.5.1951 leg. G. N.

MONTENEGRO: Kameno More: Medjurečje 1♂ 5.5.1988 leg. M. Ž., Bajlovića Sige 1♂ 14.9.1990. leg. G. Dž.

SERBIA: Topčider 1♀ 14.6.1940 leg. V.M., 1♀ 13.8.1941 leg. B. P., 2♀ 13.4.1981 leg. Lj. P., Košutnjak 1♀ 10.6.1940 leg. V. M., 5♀ 4.5.1997 leg. A. S., Obedska Bara

1♂ 15.7.1964 leg. D.Č., Brnjica 2♀ 22.9.1967 leg. D. Č., Grocka 1♂ 26.7.1978 leg. Lj. A., Sremčica 2♀ 27.5.1979 leg. Lj. K., Rajac: Jasenje 1♀ 13.7.1979 leg. Lj. K., Konatice 2♀ 20.6.1982 leg. Lj. P., Ledine 2♀ 16.7.1982 leg. Lj. P., Beli Potok 1♀ 12.6.1982, 2♀ 17.7.1984, 1♂ 2♀ 16.8.1984 leg. Lj. P., Vlasinsko Jezero 1♀ 14.6.1984 leg. Lj. P., Crni Vrh 1♀ 13.7.1984 leg. Lj. P., Mokranje 1♀ 13.9.1984 leg. Lj. P., Čardak 2♀ 24.5.1985 leg. Lj. P., Usje 1♂ 29.6.1985 leg. Lj. P., Veliki Štrbac 1♀ 27.6.1985 leg. Lj. P., Mali Štrbac 1♂ 2♀ 15.6.1987 leg. Lj. P., Korn 1♀ 30.4.1987, 1♀ 30.6.1987, 1♂ 1♀ 18.8.1987 leg. Lj. P., Plavna 1♂ 2♀ 16.6.1987 leg. Lj. P., Vratna 1♀ 16.6.1987 leg. Lj. P., Grebenac 1♀ 14.7.1987 leg. Lj. P., Šara: Prevalac 1♀ 22.6.1988 leg. Lj. P., Šara: Suva Reka 1♀ 24.6.1988 leg. Lj. P., Veliki Krš: Gornjane 2m 6.5.1988 leg. G. M., Veliki Krš: Lazarov Kamen 1♂ 2♀ 3.6.1988 leg. G. M., Tara: Kaludjerske Bare 1♂ 2.8.1988 leg. Lj. P., Radmilovac 1♀ 14.9.1989, 2♀ 3.11.1989, 2♀ 11.12.1989, 1♂ 2♀ July 1990, 2♀ 30.8.1990, 1♂ 3♀ 11.10.1991, 3♂ 2♀ 29.6.1992, 2♀ 22.7.1992 leg. Lj. P., Tara: Mitrovac 1♀ 24.7.1989 leg. Lj. P., Tara: Šljivovica 1♂ 25.7.1989 leg. Lj. P., Vinča 1♀ 28.9.1989, 1♀ 25.7.1993, 5♂ 5♀ 18.5.1997, 3♂ 29.7.1997, 1♂ 3♀ 10.5.1998, 1♂ 1♀ 24.6.2000 leg. A. S., Ripaljka 2♂ 4♀ 17.8.1994 leg. Lj. P., Kosmaj 2♂ 16.8.1994, 2♀ 9.5.1996, 1♂ 6♀ 6.6.1998, 1♀ 18.7.1998, 5♂ 3♀ 15.8.1998, 1♀ 27.5.2000, 2♂ 2♀ 27.7.2000, 2♂ 2♀ 10.5.2003, 1♂ 2♀ 18.6.2005 leg. A. S., Topčider 3♂ 1♀ 8.10.1996, 2♂ 1♀ 26.4.1997 leg. A. S., Ada Ciganlija 1♀ 12.10.1996, 1♀ 27.4.1997 leg. A. S., Makiš 2♀ 28.7.1996 leg. A. S., Resnik 1♀ 3.6.1996, 1♂ 1♀ 16.6.1997, 1♂ 5♀ 8.10.1997 leg. A. S., Stepin Gaj 7♂ 2♀ 11.5.1997, 1♀ 30.4.2001 leg. A. S., Progar 1♀ 17.5.1997 leg. A. S., Mala Moštanica 1♀ 13.9.1997 leg. A. S., Jakovo: Bojčinska Šuma 5♀ 22.8.1997, 1♂ 14.2.1998 leg. A. S., Avala 2♂ 3♀ 29.8.1997, 3♂ 5♀ 9.5.1998, 1♀ 30.3.1999 leg. Lj. P., 1♀ 28.7.2000, 1♀ 14.6.2003, Begaljica 1♀ 10.5.1997, 2♀ 26.9.1998, 1♂ 2♀ 15.4.2000 leg. A. S., Resnik 1♀ 16.5.1998, 1♂ 1♀ 6.7.2002, 2♂ 1♀ 2.8.2002, 1♂ 1♀ 31.5.2003, 1♂ 3♀ 24.7.2004 leg. A. S., Pinosava 2♀ 24.5.1998 leg. A. S., Popović 1♂ 5♀ 8.8.1998 leg. A. S., Lipovica: Lipovačka Šuma 2♀ 12.4.1998 leg. A. S., Boljevci: Crni Lug 1♀ 31.5. 1998, 1♀ 7.7.1998, 1♀ 18.9.1999 leg. A. S., Mala Moštanica: Žuto Brdo 4♂ 5♀ 25.7.1998, 2♂ 3♀ 25.9.1999, 1♂ 22.6.2002 leg. A. S., Surduk 1♀ 22.4.2000 leg. A. S., Vrčin 1♀ 5.5.2001, 1♀ 12.7.2003 leg. A. S., Barajevo 1m 1♀ 1.6.2002, 2♂ 2♀ 23.8.2003 leg. A. S., Šumarice 1♀ 13.6.2002 leg. Lj. P., Tara: Manastir 1♀ 31.7.2002 leg. Lj. P., Dražanj 1♂ 15.6.2002, 1♀ 2.5.2003 leg. A. S., Rudnik: Gradovi 7♀ 10.6.2003 leg. Lj. P., Avala 1♀ 14.6.2003 leg. Lj. P., Tara: Zaovine 1♀ 22.7.2003 leg. Lj. P.

Nabis (Tropiconabis) capsiformis Germar, 1838

CROATIA: Sućurac 1♀ 15.8.1926 leg. P. N., Split 1♀ 15.6.1943, 1♂ 25.6.1943 leg. P. N.

SERBIA: Borča 1♀ 29.7.1983 leg. Lj. T., Šiljakovac 1♂ 22.11.1989, 2♂ 1♀ 3.10.1990 leg. Lj. P., Radmilovac 2♀ 22.12.1989, 2♂ 2♀ 30.8.1990 leg. Lj. P., Salakovac 1♀ 23.10.1990 leg. Lj. P., Djurinci 1ex 25.10.1990 leg. Lj. P., Jasenovo 2♂ 4♀ 14.7.1987 leg. Lj. P., Devojački Bunar 1♂ 2♀ 9. 8.2003, 3♀ 17.7.2004, 1♂ 1♀ 25.5.2005 leg. A. S.

Table 1. List of species of the family Nabidae distributed in former Yugoslavia and data on their presence in collections of the Natural History Museum in Belgrade. Abbreviations of the names of collections: N. K. – Nikola Kormilev, Lj. J. – Ljubodrag Janković, P. N. – Petar Novak, S. Z. – Study Collection.

Number	Taxon	Collections			
		N. K.	Lj. J.	P. N.	S. Z.
1.	<i>Alloeorhynchus flavipes</i> (Fieber, 1836)	+	-	-	+
2.	<i>Prostemma aeneicolle</i> Stein, 1857	-	+	-	+
3.	<i>Prostemma guttula guttula</i> (Fabricius, 1787)	+	-	+	+
4.	<i>Prostemma sanguineum</i> (Rossi, 1790)	+	-	-	+
5.	<i>Himacerus (Himacerus) apterus</i> (Fabricius, 1798)	+	+	+	+
6.	<i>Himacerus (Aptus) mirmicoides</i> (O. Costa, 1834)	+	-	+	+
7.	<i>Himacerus (Stalia) boops</i> (Schiffelde, 1870)	-	-	-	+
8.	<i>Nabis (Aspilaspis) viridulus</i> Spinola, 1837	-	-	-	+
9.	<i>Nabis (Nabicula) flavomarginatus</i> Scholtz, 1847	+	-	-	+
10.	<i>Nabis (Nabis) brevis</i> Scholtz, 1847	+	+	-	+
11.	<i>Nabis (Nabis) ferus</i> (Linnaeus, 1758)	+	+	+	+
12.	<i>Nabis (Nabis) pseudoferus</i> Remane, 1949	-	-	-	+
13.	<i>Nabis (Nabis) punctatus</i> A. Costa, 1847	-	-	-	+
14.	<i>Nabis (Nabis) rugosus</i> (Linnaeus, 1758)	+	+	+	+
15.	<i>Nabis (Tropiconabis) capsiformis</i> Germar, 1838	+	-	-	+

Conclusions

The Heteroptera collections of the Natural History Museum in Belgrade include 15 species of the family Nabidae (Tab. 1), collected mostly in Serbia, as well as in smaller number of localities in other countries of former Yugoslavia. Altogether, 1500 specimens are included. 58 localities for Serbia, one for Bosnia-Herzegovina, one for Croatia, two for Macedonia and four for Slovenia are cited that were not included in the Catalogue by Protić (1998). They are published here for the first time.

Also included are changes in species identification from the data in the Catalogue (Protić, 1998). *Prostemma sanguineum* (Rossi) collected at Dolina on May 10th, 1953, was in previous papers by Protić (1986, 1998) cited as *P. bicolor* Rambur due to misidentification. In the Janković collection there is a specimen previously erroneously identified as *Himacerus (Anaptus) major* (A. Costa). It is actually a female *Nabis (Nabicula) flavomarginatus* Scholtz, collected on Kopaonik on July 17th, 1952.

The data presented in the Catalogue (Protić, 1998) on the distribution of species of the family Nabidae in Bosnia-Herzegovina refer to the specimens in the collection of the Land Museum of Bosnia-Herzegovina. This paper includes the specimens collected during 1950-s by Prof. Guido Nonveiller in Herzegovina, at the localities Lebršnik and Domanovići.

Nabis rugosus (Linnaeus) is a new species to the fauna of Heteroptera of Montenegro. The specimens were collected at Durmitor: Bajlovića Sige and at Kameno More: Medjurečje.

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