

**WEEVILS (CURCULIONOIDEA) OF THE
NATIONAL PARK TARA
(the first contribution)**

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Adult weevils in the National Park Tara were collected in the beginning of May 1991 and 2002. In 145 findings 304 adult specimens of weevils were (130 males and 174 females), encompassing 72 species, 41 genera, four families (Nemonychidae one species, Rhynchitidae one too, Apionidae 22 and Curculionidae 48 species). In this work the detailed data (date, locality, biotopes and whenever possible the plant from which beetle was collected) are given. The most interesting are findings of 13 specimens from genus *Omiamima*, which are still undetermined.

KEY WORDS: Curculionoidea, National Park Tara, Serbia,

INTRODUCTION

The mountain of Tara is located in the uttermost west part of Serbia, bordering on the canyon of the Drina river on northwest side and the mountain of Zlatibor on southeast side (VIDRIĆ, 1991). It belongs to Starovlaško-Raška upland (GAJIĆ, 1988) and with the Stara planina mountain (in the east of Serbia) represents the oldest land in Serbia. The highest point is Zborište (1544m above sea level). (Fig. 1).

The part of the massif of the mountain of Tara (situated between 43°52' and 44°02' of north latitude, 19°15' and 19°38' of east longitude) was declared to be the National Park in the summer of 1981. The Park covers 19.200 hectares, pre-

dominantly of forest surface. Five localities have the status of the strict natural reservation. (GAJIĆ, 1988).

Judging by the altitude National Park Tara has two clearly separated entireties: higher (average 1280m) is inclined from the south to the north, intersected by dry valleys and karst forms of relief, but in the form of "green or covered karst"; lower (average of 1000m) is a result of karst erosion, somewhere progressing so much that karst processes are substituted by fluvial. The Kaluđerske bare locality belongs to lower part, and represents wavy plateau rich in limestone. (GAJIĆ, 1988).

Geologically, stones in the NP Tara are heterogeneous: limestones, shales, sandstones and serpentines. Hydrographical conditions vary too. The limestone terrains do not have sufficient water. In the Kaluđerske Bare area the springs occur more frequently. (GAJIĆ, 1988).

Geographical position of the mountain of Tara determined the climate. Above it the warmer air circulations from the south collide with the cold ones from the north. The climate is moderately continental, with moderately warm summers and winters. Transitions between seasons are very meek and gradual. The autumn is

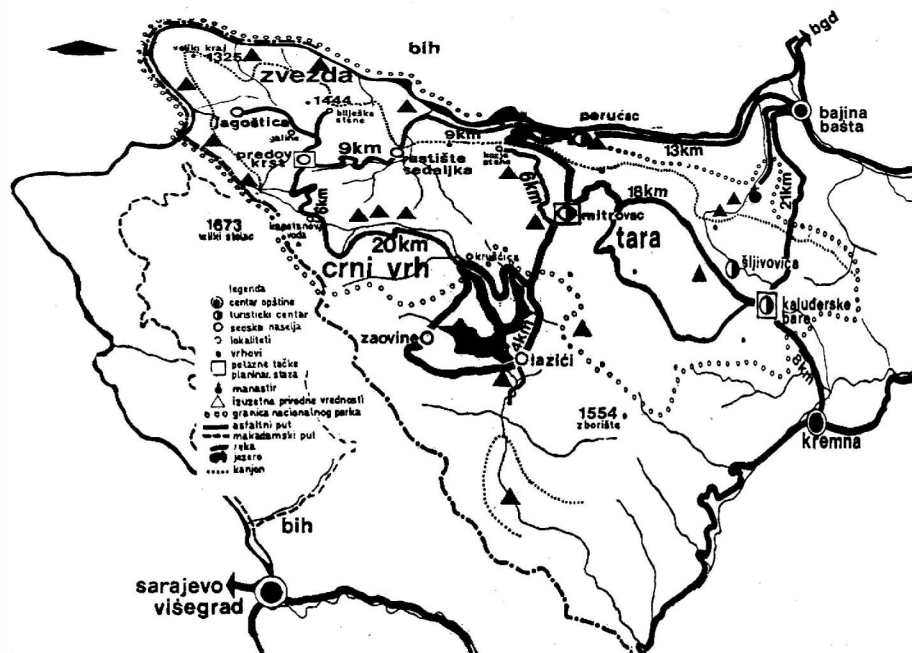


Fig. 1. The National Park Tara (the borders of the park are drawn in rosary line) (VIDRIĆ, 1987)

warmer than the spring. There are many sunny days during the summer, whereas in winter it snows a lot. Measurements of the meteorological station on Mitrovac (on altitude 1082 m) show the average temperature during the year is 5°C and the average rainfall is 977,3mm. (MILOVANOVIĆ, 1991; http://www.bajinabasta.com/bbportal/main/main_fl_serb.html).

The level of climate humidity increases from the foot of the mountain to the top (in the surrounding of Bajina Bašta city it is subhumid, near Perućac between subhumid and humid, on Kaluđerske Bare more humid, and near Mitrovac outstandingly humid in transition to perhumid). (GAJIĆ, 1988).

NP Tara is a typical forest landscape, with 70% of the surface covered with forests. The trunks are mostly 40-50cm in diameter. The clima-regional mixed forests of spruce, fir and beech (*Piceeto-Abieto-Fagetum*) and pine forests (*Pinetum nigrae-silvestris*) are dominant. A succession of different wood types accompanies the rise of altitude. In the foot of the mountain are willow and poplar forests (*Salici-Populetum*) and Hungarian oak and European Turkey oak (*Quercetum confertae-cerris*), Sessile oak (*Quercetum montanum*), mountain beech forests (*Fagetum montanum*), mixed forests of spruce, fir and beech (*Piceeto-Abieto-Fagetum*), black pine woods (*Pinetum nigrae*), white pine woods (*Pinetum silvestris*) and both mixed (*Pinetum nigrae-silvestris*), as well as black pine with eastern hornbeam forests (*Ostryeto-Pinetum nigrae*) on rugged karst slopes. The forests on Kaluđerske Bare locality are in the vicinity of hotels and a tourist complex. They are treated as park-woods. Yet four hectares of this area are under strict natural reservation. (GAJIĆ, 1988).

Due to the intersection of Tara massif by very deep valleys and river and stream canyons, many refuges existed on this mountain during the Glacial period, where Tertiary vegetation, with many endemorelict and relict plant species (the most famous is *Picea omorika* (Pančić) Purkine), was protected and preserved. (GAJIĆ, 1988).

Almost 30% of the NP surface is under pastures and meadows. Lately a few hundreds of hectares of meadows have not been mown because of the lack of workers and reduced number of cattle.

MATERIAL AND METHODS

Adult weevils in the NP Tara were collected in the beginning of May 1991 and 2002 on the west part of The National Park Tara. Different techniques were

Table I. Weevils of the NP Tara (spring aspect) and finding data

	t a x a	Date	Locality	Biotop	Plant	NrM	NrF	Σ
	Fam. NEMONYCHIDAE Bedel, 1882							
	Subfam. Cimberidinae Gozis, 1882							
	Trib. Doydirhynchini Pierce, 1916							
	Doydirhynchus Dejean, 1821							
1	Doydirhynchus austriacus (Olivier, 1807)	05/01/91	Kremna; Golubac	pine forest	Pinus	0	1	1
	Fam. RHYNCHITIDAE Gistel, 1856							
	Subfam. Rhynchitinae Gistel, 1856							
	Trib. Rhynchitini Gistel, 1856							
	Neocoenorrhinus Voss, 1952							
2	Neocoenorrhinus germanicus Herbst (1797)	05/03/02	Kremna; Golubac	pine forest	Chamaecytisus elongatus	0	1	1
	Fam. APIONIDAE Schönherr, 1823							
	Subfam. Apioninae Schönherr, 1823							
	Trib. Apionini Schönherr, 1823							
	Apion Herbst, 1797							
3*	Apion frumentarium (Linnaeus, 1758)	05/01/02	Kremna; near "šišara"	moist meadow	Rumex	1	0	1
		05/02/02	Kaluderske Bare	mountain meadows and pastures	Rumex	0	1	1
	Trib. Kalepiini Alonso-Zarazaga, 1990							
	Taeniapion Schilsky, 1906							
4	Taeniapion urticarium (Herbst, 1784)	05/02/91	Perućac	moist meadow		0	1	1
	Trib. Exapiini Alonso-Zarazaga, 1990							
	Exapion Bedel, 1887							
5	Exapion (Exapion) difficile (Herbst, 1797)	05/03/02	Kremna; Golubac	pine forest	Chamaecytisus elongatus	1	0	1
		05/03/02	Sred	pine forest	Erica carnea	1	0	1
		05/04/02	Kremna; Savčići	mountain meadows and pastures		1	4	5
	Trib. Oxystomatini Alonso-Zarazaga, 1990							
	Subtrib. Oxystomatina Alonso-Zarazaga, 1990							
	Cyanapion Bokor, 1923							
6	Cyan. (Bothyrorrhynchapion) gyllenhali (Kirby, 1808)	05/03/02	Sred	pine forest		0	1	1
	Eutrichapion Reitter, 1916							
7	Eutrichapion (Eutrichapion) ervi (Kirby, 1808)	05/01/02	Kremna; near "šišara"	moist meadow		1	0	1
		05/02/02	Sred	pine forest	Chamaecytisus elongatus	1	0	1
8	Eutrichapion (Eutrichapion) facetum (Gyllenhal, 1839)	05/03/02	Sred	pine forest		1	0	1
		05/03/02	Tara - center	pine forest	Chamaecytisus elongatus	2	0	2
		05/02/91	near hotel "Omorika"	pine forest		0	1	1
9	Eutrichapion (Eutrichapion) viciae (Paykull, 1798)	05/01/02	Kremna; near "šišara"	moist meadow		0	1	1
10	Eutrich. (Psiacolymma) punctigerum (Paykull, 1792)	05/02/02	Kaluderske Bare	mountain meadows and pastures		1	0	1
	Holotrichapion Györfly, 1956							
11	Holotrich. (Legaricapion) aestimatum (Faust, 1890)	05/04/02	Kremna; Savčići	mountain meadows and pastures		0	1	1
	Oryxolaemus Alonso-Zarazaga, 1990							
12	Oryxolaemus flavifemoratus (Herbst, 1797)	05/03/02	Kremna; Golubac	pine forest	Chamaespartium sagitalis	0	1	1
		05/01/02	Kaluderske Bare	pine forest	Erica carnea	1	1	2
		05/03/02	Sred	pine forest		0	2	2
		05/04/02	Duga Kosa	pine forest	Chamaecytisus elongatus	0	1	1
	Oxystoma Duméril, 1805							
13	Oxystoma cerdo (Gerstäcker, 1854)	05/02/02	Sred	pine forest	Vaccinium myrtillus	1	0	1
14	Oxystoma subulatum (Kirby, 1808)	05/01/02	Kremna; near "šišara"	moist meadow		0	1	1
	Subtrib. Sinapiina Alonso-Zarazaga, 1990							
	Ischnopterapion Bokor, 1923							
15	Ischnopterapion (Ischnopterapion) loti (Kirby, 1808)	05/01/02	Kremna; Metaljka	beach forest	Erica carnea	1	0	1
16	Ischnopterapion (Chlorapion) virens (Herbst, 1797)	05/02/91	Perućac	moist meadow		1	2	3
	Subtrib. Catapiina Alonso-Zarazaga, 1990							
	Catapion Schilsky, 1906							
17*	Catapion seniculus (Kirby, 1808)	05/03/91	Gredice	spruce-fir-beach forest		1	0	1
	Trib. Piezotrachelini Voss, 1959							
	Protapion Schilsky, 1908							
18*	Protapion assimile (Kirby, 1808)	05/01/02	Kremna; near "šišara"	moist meadow		0	1	1
		05/02/02	Kaluderske Bare	mountain meadows and pastures		2	4	6
		05/04/02	Kremna; Savčići	mountain meadows and pastures		2	0	2
19	Protapion dentipes (Gerstäcker, 1854)	05/01/02	Kremna; near "šišara"	moist meadow		1	0	1

Table I. Cont.

	t a x a	Date	Locality	Biotop	Plant	NrM	NrF	Σ
20*	Protapion fulvipes (Fourcroy, 1785)	05/02/02	Kaluderske Bare	mountain meadows and pastures		1	2	3
21	Protapion interjectum (Desbrochers, 1895)	05/01/02	Kremna; near "Šišara"	moist meadow		1	0	1
22	Protapion ruficrus (Germar, 1817)	05/02/02	Kal. Bare; Jarevac	moist meadow		1	0	1
23	Protapion trifolii (Linnaeus, 1768)	05/01/02	Kremna; near "Šišara"	moist meadow		4	0	4
		05/02/91	Gredice	ruderal vegetation		0	1	1
24	Protapion varipes (Germar, 1817)	05/02/02	Kaluderske Bare	mountain meadows and pastures		0	1	1
	Fam. CURCULIONIDAE Latreille, 1802							
	Subfam. Curculioninae Latreille, 1802							
	Trib. Curculionini Latreille, 1802							
	Subtrib. Curculionina Latreille, 1802							
	Curculio Linné, 1758							
25*	Curculio (Curculio) glandium (Marsham, 1802)	05/02/02	Kaluderske Bare	hedge	Quercus cerris	1	0	1
26*	Curculio (Curculio) nucum (Linnaeus, 1758)	05/02/02	Kaluderske Bare	hedge	Prunus avium	0	1	1
	Trib. Anthonomini C. G. Thomson, 1859							
	Anthonomus Germar, 1817							
27	Anthon. (Anthonomorphus) pinivorax Silfverberg, 1977	05/02/02	Ledenice	spruce-fir-beach forest	Picea	0	1	1
28	Anthon. (Anthonomorphus) varians (Paykull, 1792)	05/03/02	Kremna; Golubac	pine forest	Pinus silvestris	0	1	1
29	Anthon. (Furcibus) rectirostris (Linnaeus, 1758)	05/03/02	Račanska Sijjovica	orchard	Malus	4	0	4
	Brachonyx Schönherr, 1825							
30	Brachonyx indigena (Herbst, 1795)	05/03/02	Kal. Bare; Jarevac	pine forest	Pinus	1	2	3
	(=pineti Paykull, 1792)	05/01/91	Sred	pine forest	Erica carnea	1	0	1
	Trib. Mecini Gistel, 1856							
	Mecinus Germar, 1821							
31	Mecinus collaris Germar, 1821	05/04/02	Kremna; Savčići	mountain meadows and pastures	Plantago	3	5	8
32*	Mecinus pyraeter (Herbst, 1795)	05/04/02	Kremna; Savčići	mountain meadows and pastures	Plantago	1	0	1
	Trib. Rhamphini Rafinesque, 1815							
	Subtrib. Rhamphina Rafinesque, 1815							
	Orchestes Illiger, 1798							
33*	Orchestes (Salius) fagi (Linnaeus, 1758)	05/02/02	Kaluderske Bare	hedge	Corylus	3	1	4
		05/02/02	Kaluderske Bare	hedge	Corylus	0	1	1
		01/05/91	Kaluderske Bare	spruce-fir-beach forest	Abies	2	0	2
		05/01/91	Kaluderske Bare	spruce-fir-beach forest	Picea	2	3	5
		05/03/91	Gredice	spruce-fir-beach forest	Picea	1	0	1
		05/03/91	Gredice	spruce-fir-beach forest	Fagus	0	1	1
		05/02/91	Mitrovac	smrčeva šuma	Picea	1	0	1
	Tachyerges Schönherr, 1825							
34	Tachyerges decoratus Germar, 1821	05/01/02	Kremna; near "Šišara"	moist meadow	Salix	0	2	2
	Trib. Tychiini C. G. Thomson, 1859							
	Subtrib. Tychiina C. G. Thomson, 1859							
	Tychius Germar, 1817							
35	Tychius (Tychius) medicaginis C. Brisout, 1863	05/04/02	Kremna; Savčići	mountain meadows and pastures	Spirea media	2	2	4
	Subfam. Ceutorhynchinae Gistel, 1856							
	Trib. Ceutorhynchini Gistel, 1856							
	Ceutorhynchus Germar, 1824							
36*	Ceutorhynchus contractus (Marsham, 1802)	05/03/02	Sred	pine forest	Erica carnea	0	1	1
37	Ceutorhynchus erysimi (Fabricius, 1787)	05/02/02	Kaluderske Bare	mountain meadows and pastures		0	1	1
38	Ceutorhynchus floralis (Paykull, 1792)	05/02/02	Kaluderske Bare	mountain meadows and pastures		0	1	1
		05/01/91	Kremna; Golubac	pine forest		0	1	1
39	Ceutorhynchus similis Brisout, 1869	05/04/02	Kremna; Savčići	mountain meadows and pastures		0	2	2
	Coeliodes Schönherr, 1837							
40	Coeliodes (Coeliodes) proximus Schultz, 1895)	05/02/02	Kaluderske Bare	hedge	Quercus cerris	0	1	1
	Glucianus Reitter, 1916							
41	Glucianus punctiger (C.R. Sahlberg, 1835)	05/03/91	Kaluderske Bare	mountain meadows and pastures	Taraxacum officinale	0	1	1
	Nedyus Schönherr, 1825							
42	Nedyus quadrimaculatus (Linnaeus, 1758)	05/01/02	Kremna; near "Šišara"	moist meadow	Urtica dioica	4	2	6
	(=didymus Fabricius, 1781)	05/02/91	Gredice	ruderal vegetation	Urtica dioica	6	6	12
		05/02/91	hotel "Beli bor"	hotel		1	0	1
	Trichosirocalus Colonnelli, 1979							
	(=Ceuthorrhynchidius Duval, 1906)							

Table I. Cont.

	t a x a	Date	Locality	Biotop	Plant	NrM	NrF	Σ
43*	Trichosirocalus troglodytes (Fabricius, 1787) Trib. P h y t o b i i n i Gistel, 1856	05/04/02	Kremna; Savčići	mountain meadows and pastures		0	1	1
	Rhinoncus Schönherr, 1825	05/02/91	Perućac	moist meadow		0	2	2
44	Rhinoncus pericarpus (Linnaeus, 1758) Subfam. Entiminae Schönherr, 1823							
	Trib. B r a c h y d e r i n i Schönherr, 1826							
	Strophosoma Billberg, 1820							
45*	Stroph. (Strophosoma) melanogrammum (Forster, 1771) Trib. O m i i n i Shuckard, 1840	05/02/02	Sred	pine forest	Vaccinium myrtillus	0	2	2
	Omiamima Silfverberg, 1977							
46*	Omiamima ????	05/03/02	Kremna; Golubac	pine forest	Chamaecytisus elongatus	0	1	1
		05/01/02	Kaluderske Bare	pine forest		0	1	1
		05/02/02	Sred	pine forest	Chamaecytisus elongatus	2	2	4
		05/03/02	Tara - center	pine forest	Chamaecytisus elongatus	2	3	5
		05/05/02	Tara - center	pine forest	Chamaecytisus elongatus	1	0	1
		05/01/91	Sred	pine forest	Erica carnea	0	1	1
	Trib. O t i o r h y n c h i n i Schönherr, 1826							
	Cirrorhynchus Apfelbeck, 1898							
47	Cirrorhynchus cribrus (Germar, 1817) Dodecastichus Stierlin, 1861	05/02/02	Ledenice	spruce-fir-beach forest	Juniperus communis	1	0	1
48*	Dodecastichus aurosignatus (Apfelbeck, 1889)	05/03/02	Kremna; Golubac	spruce forest	Picea	1	1	2
		05/03/02	Kremna; Golubac	pine forest	Abies	1	1	2
		05/01/02	Kaluderske Bare	pine forest	Erica carnea	0	1	1
		05/02/02	Ledenice	spruce-fir-beach forest	Picea	2	0	2
		05/02/02	Ledenice	spruce-fir-beach forest	Juniperus communis	2	1	3
		05/02/02	Gredice	spruce-fir-beach forest	Picea	3	2	5
		05/02/02	Sred	pine forest	Vaccinium myrtillus	0	2	2
		05/03/02	Sred	pine forest	Erica carnea	1	1	2
		05/04/02	Duga Kosa	pine forest	Erica carnea	0	2	2
		05/01/91	Kaluderske Bare	spruce-fir-beach forest	Picea	0	1	1
		05/03/91	Kaluderske Bare	spruce-fir-beach forest	Picea	1	1	2
		05/03/91	Gredice	spruce-fir-beach forest	Picea	1	0	1
	Limatogaster Apfelbeck, 1898							
49	Limatogaster nyctelius (Reitter, 1903) Otiorynchus Germar, 1822	05/01/02	Kremna; Metaljka	beach forest	Erica carnea	1	2	3
50*	Otiorynchus (Otiorynchus) perdis Olivier, 1807	05/02/02	Kaluderske Bare	hedge	Corylus	0	3	3
		05/03/02	Hajdučka česma	orchard	Prunus avium	0	1	1
51	Otiorynchus (Pendragon) merkli (Stierlin, 1880)	05/03/02	Sred	pine forest		0	1	1
52*	Otiorynchus (Pendragon) ovatus (Linnaeus, 1758)	05/01/02	Kremna; Metaljka	beach forest	Erica carnea	0	2	2
		05/04/02	Duga Kosa	pine forest	Chamaecytisus elongatus	0	1	1
53	Otiorynchus (Satnalistus) signatipennis Gyllenhal, 1834	05/02/02	Kaluderske Bare	hedge	Pinus silvestris	0	1	1
		05/02/02	Kaluderske Bare	hedge	Quercus cerris	0	1	1
54	O. (Urorrhynchus) truncatus var. laetificator Reitter, 1901	05/04/02	Zastranica	pine forest	Pinus nigra	0	2	2
55	O. (Urorrhynchus) truncatus a. viridilimbatus Apfelbeck, 1894	05/02/02	Ledenice	spruce-fir-beach forest	Picea	0	1	1
		05/04/91	Kaluderske Bare	spruce-fir-beach forest	Abies	2	1	3
	Trib. P h y l l o b i i n i Schönherr, 1826							
	Phyllobius Germar, 1824							
56*	Phyllobius (Phyllobius) pyri (Linnaeus, 1758)	05/02/02	Kaluderske Bare	orchard	Malus	3	2	5
		05/02/02	Kaluderske Bare	hedge	Corylus	3	4	7
		05/03/02	Sred	ruderal vegetation	Salix	5	2	7
		05/03/02	Račanska Šljivovica	orchard	Malus	0	1	1
		05/03/02	Hajdučka česma	orchard	Prunus avium	1	2	3
57	Phyllobius (Nemoicus) oblongus (Linnaeus, 1758)	05/01/02	Kremna; near "šišara"	moist meadow		0	1	1
		05/01/02	Kremna; near "šišara"	willow and poplar forest	Alnus	1	1	2
		05/04/02	Duga Kosa	pine forest	Prunus avium	0	1	1
		05/02/91	Perućac	moist meadow		0	4	4
58*	Ph. (Nemoicus) oblongus a. floricola (Gyllenhal, 1834)	05/01/02	Kremna; near "šišara"	moist meadow		0	1	1
		05/02/02	Kaluderske Bare	hedge	Corylus	1	0	1
	Trib. P o l y d r u s i n i Schönherr, 1823							

Table I. Cont.

t a x a	Date	Locality	Biotop	Plant	NrM	NrF	Σ
Pachyrhinus Schönherr, 1823							
59 Pachyrhinus (Pachyrhinus) mustela (Herbst, 1797)	05/01/02	Kremna; Metaljka	pine forest	Pinus silvestris	3	1	4
	05/01/02	Kremna; Metaljka	pine forest	Pinus nigra	5	4	9
	05/03/02	Kremna; Golubac	pine forest	Pinus silvestris	2	2	4
	05/02/02	Sred	pine forest	Vaccinium myrtillus	0	0	0
	05/03/02	Kal. Bare; Jarevac	pine forest	Pinus	8	3	11
	05/04/02	Zastranica	pine forest	Pinus nigra	1	2	3
	05/01/91	Kremna; Golubac	pine forest	Pinus	2	2	4
	05/01/91	hotel "Beli bor"	hotel		0	1	1
Polydrusus Germar, 1817							
60* Polydrusus (Eadipnus) mollis (Stroem, 1768)	05/02/02	Kaluderske Bare	hedge	Corylus	0	1	1
	05/01/91	hotel "Beli bor"	hotel		0	1	1
61* Polydrusus (Eustolus) pilosus Gredler, 1866	05/02/02	Kaluderske Bare	mountain meadows and pastures		0	1	1
	05/02/02	Ledenice	spruce-fir-beach forest	Picea	0	1	1
	05/01/91	Kremna; Golubac	pine forest		1	0	1
	05/03/91	Kaluderske Bare	pine forest		1	0	1
	05/04/91	Kaluderske Bare	spruce-fir-beach forest	Abies	0	1	1
	05/03/91	Gredice	spruce-fir-beach forest		0	1	1
Trib. Sciaphilini Sharp, 1891							
Sciaphilus Schönherr, 1823							
62* Sciaphilus asperatus (Bonsdorff, 1785)	05/02/02	Sred	pine forest	Vaccinium myrtillus	0	4	4
	05/02/02	Sred	pine forest	Chamaecytisus elongatus	0	1	1
Trib. Sitonini Gistel, 1856							
Sitona Germar, 1817							
63 Sitona (Sitona) ambiguus Gyllenhal, 1834	05/02/02	Kaluderske Bare	mountain meadows and pastures		1	1	2
	05/03/02	Sred	pine forest		0	1	1
	05/03/02	Tara - center	pine forest	Chamaecytisus elongatus	2	1	3
	05/03/02	Kal. Bare; Jarevac	pine forest	Pinus	0	1	1
64 Sitona (Sitona) hispidulus (Fabricius, 1776)	05/02/02	Kaluderske Bare	mountain meadows and pastures		1	0	1
	05/03/91	Kaluderske Bare	pine forest		0	1	1
65* Sitona (Sitona) striatellus (Gyllenhal, 1834)	05/03/02	Kremna; Golubac	pine forest	Chamaecytisus elongatus	0	2	2
(=tibialis Herbst, 1795)	05/02/02	Sred	pine forest	Vaccinium myrtillus	0	1	1
	05/03/02	Tara - center	pine forest	Chamaecytisus elongatus	1	5	6
	05/04/02	Duga Kosa	pine forest	Chamaecytisus elongatus	1	0	1
66* Sitona (Sitona) sulcifrons (Thunberg, 1798)	05/02/91	Perućac	moist meadow		1	0	1
67 Sitona (Sitona) suturalis Stephens, 1831	05/01/02	Kremna; near "šišara"	moist meadow		1	0	1
Subfam. Hyperinae Marseul, 1863							
Trib. Hyperini Marseul, 1863							
Hypera Germar, 1817							
68 Hypera (Hypera) rumicis (Linnaeus, 1758)	05/01/02	Kremna; near "šišara"	moist meadow	Rumex	0	1	1
Subfam. Mesoptiliinae Lacordaire, 1863							
Trib. Magdaliini Pascoe, 1870							
Magdalis Germar, 1817							
69 Magdalis (Magdalis) frontalis Gyllenhal, 1827	05/04/02	Zastranica	pine forest	Pinus nigra	1	0	1
70 Magdalis (Magdalis) phlegmatica, Herbst 1797	05/04/02	Zastranica	pine forest	Pinus nigra	0	2	2
Subfam. Molytinae Schönherr, 1823							
Trib. Hylobiini W. Kirby, 1837							
Subtrib. Hylobiina W. Kirby, 1837							
Hylobius Germar, 1817							
71 Hylobius (Callirus) abietis (Linnaeus, 1758)	05/04/02	Tara - center	pine forest		0	1	1
Trib. Pissodini Gistel, 1856							
Subtrib. Pissodina Gistel, 1856							
Pissodes Germar, 1817							
72 Pissodes (Pissodes) castaneus (De Geer, 1775)	05/04/02	Zastranica	pine forest	Pinus nigra	2	4	6
(=notatus Fabricius, 1787)	05/01/91	Kremna; Golubac	pine forest	Pinus	1	1	2
T O T A L					130	174	304
* - species registered on Kopaonik (according JANKOVIĆ, 1972)							
NrM - number of males; NrF - number of females							

used: beating of the tree branches and bushes, sweeping of the ground floor of vegetation, hand collecting.

In this work the detailed data (date, locality, biotopes and whenever possible the plant from which beetle was collected) are given.

Many keys were used for the species identification (ANGELOV 1976, 1978, 1979, 1980, 1981; APFELBECK 1895; APFELBECK 1922; FREUDE *et al.* 1981, 1983; REITTER 1912, 1913a, 1913b).

The list of taxa was prepared according to the latest weevil nomenclature (ALONSO-ZARAZAGA & LYAL, 1999). Each specimen was determined by sex.

Attention was primarily focused on mostly represented types of biotopes of typical climatogenic plant associations of spruce, fir and beech (*Piceeto-Abieto-Fagetum*) and pine forests (mainly *Pinetum nigrae-silvestris* facies *ericosum*) on localities Kremna and Kaluđerske Bare (Ledenice, Gredice, Golubac, Sređ, Duga Kosa). The material was also collected near the River Long as the Year (365 meters) in Perućac (near the Drina river), on mountain meadows and pastures of village Kremna and near the mountaineers road from Tara center to Kadinjača. Complete evidence about localities and biotopes is given in Tab. I.

RESULTS AND DISCUSSION

Periods of research resulted in 145 findings. The authoress collected 305 adult specimens of weevils (130 males and 175 females), encompassing 72 species, 41 genera, four families (Nemonychidae one species, Rhynchitidae one too, Apionidae 22 and Curculionidae 48 species). (Tab. I).

The most interesting are findings of 13 specimens from genus *Omiamima*, which are still undetermined species.

Besides, nine forms of genus *Otiorhynchus* were also collected. Two of them, *O. perdix* and *O. (Pendragon) ovatus*, are parthenogenetic triploid species (KOVAČEVIĆ, 1981). Five of these *Otiorhynchus* forms were not mentioned for the territory of Serbia, in the KOVAČEVIĆ-S work from 1971 (about distribution of species from genus *Otiorhynchus* in the Yugoslavia of that time). The reason lies undoubtedly in the fact that Serbian territory is unexplored, whereas all of these species were registered in ex Bosnia and Herzegovina. For example, the above-mentioned parthenogenetic species were registered on the mountain of Kopaonik only a year

later (JANKOVIĆ, 1972). Comparing Kopaonik's and our lists we founded 22 common weevil forms (species, varieties and aberrations) (Tab. I).

This work shows partial picture of the spring aspect of weevil settlement on the mountain of Tara. However, there are many more interesting places and aspects in NP Tara, which need a thorough research.

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**СУРЛАШИ (CURCULIONOIDEA)
НАЦИОНАЛНОГ ПАРКА ТАРА (ПРВИ ПРИЛОГ)**

С. Пешић

И з в о д

Планина Тара представља најстарије копно у Србији. Њен део површине 19200 хектара је 1981. године проглашен за Национални парк. Границе парка претежно обухватају шумске површине, са више рефугијума у којима је сачувана терцијерна вегетација.

Почетком маја 1991. и 2002. године на више локалитета у НП сакупљено је 309 јединки адултних сурлаша, из 72 врсте, четири фамилије (*Nemonychidae* једна врста, *Rhynchitidae* такође једна, *Arionidae* 22 и *Curculionidae* 48).

Попис констатованих таксона је урађен према тренутно важећој систематици сурлаша. Дати су детаљни подаци о налазима.

Највише пажње је посвећено типичним климатогеним шумским састојинама јеле, смрче и букве (*Piceeto-Abieto-Fagetum*) и боровим шумама (претежно *Pinetumnigrae-silvestris* фацијес *ericosum*) на локалитетима Кремна и Калуђерске Баре. Осим тога материјал је сакупљан у подножју Таре у Перућцу.

Најинтересантнији су налази 13 јединки рода *Otiatima*, који су за сада неодређени.

Међу девет сакупљених врста рода *Otiorhynchus* су и две партеногенетске триплоидне врсте, *O. perdix* и *O. (Pendragon) ovatus*.

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