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In memoriam
Dr. Rajna Jovanović
(1926 – 2012)



A year has gone since the doyenne of Yugoslav and Serbian botany Dr. Rajna Jovanović, principal research fellow at the Institute for Biological Research “Siniša Stanković” of the University of Belgrade, passed away.

Dr. Rajna Jovanović (nee Dunjić) was born in 1926 in the village of Mramorak near Smederevska Palanka. She attended elementary and high school in Smederevska Palanka, and she graduated from the Faculty of Natural Sciences and Mathematics of the University of Belgrade, with a B.Sc. in Biology, in 1950. After spending two years as a high school biology teacher, she was appointed assistant at the Institute for Ecology and Biogeography of the Serbian Academy of Sciences, which was later transformed, first into the Institute of Biology, and then to the Institute for Biological Research “Siniša Stanković” in Belgrade.

She defended her doctoral dissertation entitled “Typology, ecology, and dynamics of wetland and meadow vegetation in the Velika Morava River valley” in 1965 at the Faculty of Natural Sciences and Mathematics of the University of Belgrade. She was appointed research fellow in 1966, senior research fellow in 1970, and principal research fellow in 1980. Her main research interest focused on ecology and geography of plants, particularly phytocoenology and vegetation mapping, and on biodiversity conservation. Dr. Rajna Jovanović was undoubtedly one of the finest experts not only of the flora of herbaceous plants, but of different types of herbaceous vegetation, especially wetland, lowland, hilly, and mountain meadows, pastures, and peat bogs of Serbia and the Balkan Peninsula.

She took part in many national scientific projects and, as an outstanding expert for herbaceous vegetation, she was invited to participate in an international scientific project on vegetation research in Serbia and Bulgaria (1965–1970).

With a group of authors, she was awarded the October Prize of the City of Belgrade for the monograph “Plant Communities and Habitats of the Stara Planina Mt.”, which was published in 1979 by the Serbian Academy of Sciences and Arts. In this book, the entire vegetation of mountain, subalpine, and alpine meadows and pastures, and the vegetation of peat bogs were studied by Dr. Rajna Jovanović. Furthermore, her results on comparative vegetation studies of composition, structure, and particularly of interrelations and dynamics (successions) of phytocoenoses of “montane steppes”, of *Nardetum strictae* type communities, and of montane peat bogs in Serbia, still today represent referential geobotanical classic references for the Balkan Peninsula. The same holds true for her paper on *Ramonda* communities in Serbia, published back in the year 1952, as well as for her numerous papers on syngensis of lowland meadows, wetland vegetation, and serpentine rock vegetation.

The width of the scientific opus of Dr. Rajna Jovanović is best illustrated by the fact that she determined and described a total of 104 syntaxonomic units in the rank of associations or sub-associations and two vegetation alliances (*Seslerio-Festucion* R. Jovanović 1955 and *Festuco-Knaution longifoliae* R. Jovanović 1955). She studied vegetation of meadows, pastures, and rocks of the Avala Mt., the Jasenica and the Velika Morava river valleys, the Kopaonik Mt., Obedska Bara, the Rtanj Mt., the Suva Planina Mt., the Svrljiške Planine Mts., the Tara Mt., and the Veliki Jastrebac Mt., and vegetation of rocks and screes of eastern Serbia and of the Tara Mt. Her most important results on the vegetation of mountain peat bogs are from the Kopaonik Mt., the Stara Planina Mt, and the Golija Mt.

Since 1966, Dr. Rajna Jovanović was a member of the Committee for Exploration of the Flora and Vegetation of Serbia of the Serbian Academy of Sciences and Arts, where she, among other activities, took active part in the realisation of the ten-volume edition “Flora of SR Serbia”. In that sense, it takes only a cursory review of several plant genera and families, described exclusively by Dr. Rajna Jovanović for this capital volume on Serbian botany, to appreciate her unique botanical talent, her breadth of interests, and her remarkable scientific quality (genus *Cardamine* L.; genus *Lepidium* L.; family *Gentianaceae* B. Juss; genus *Gentianella* Moench; genus *Polygala* (Tournef.) L.; genus *Blackstonia* (L.) Huds; genus *Swertia* L.; genus *Gentiana* L.; genus *Limosella* L.; genus *Digitalis* L.; genus *Odontites* Hall.; genus *Pedicularis* L.; genus *Melampyrum* L.; genus *Tozzia* L.; genus *Ramonda* Rich.; genus *Carex* L.; family *Gesneriaceae*, etc.). Dr. Rajna Jovanović is the author of nine new taxonomic combinations in the rank of variety or form within the genera *Cardamine*, *Gentiana*, and *Gentianella*.

She was a member of both the Scientific Council and the Editorial Board of the extensive project “Vegetation Map of Yugoslavia”. She is one of the authors of the “Map of Natural Potential Vegetation of Yugoslavia” at a scale of 1:1.000.000, which was published in 1983 by the Military Geographical Institute in Belgrade. She is also the co-author of the Prodrromus of Plant Communities of Serbia. Among her numerous papers, particularly significant are the papers “Pasture and meadow types of the Suva Planina Mt.” (1955) and “Pasture and meadow types of the Rtanj Mt.” (1956), which are still widely quoted and have a monographic character for their volume and quality.

Dr. Rajna Jovanović was, is, and will long remain an esteemed and recognized scientist within the country and abroad. As my first professional leader and teacher in the field of geobotany, from the first day of our cooperation she showed a great interest in and sincere understanding of my scientific activities and advancement, and provided generous support. Her open-hearted soul, great erudition, flawless knowledge of the flora and vegetation of Serbia and the Balkan Peninsula, vast experience in field research, along with the selfless support that she offered to her colleagues, will all remain an indelible memory for generations of geobotanists who knew her and were privileged to work with her.

In memoriam Jovanović-Dunjić, Rajna BIBLIOGRAPHY

Monographies

- Mišić V, Jovanović-Dunjić R, Popović M, Borisavljević Lj, Antić M, Dinić A, Danon J & Blaženčić Ž. 1978. **Biljne zajednice i staništa Stare planine** [Plant communities and habitats of the Stara planina Mt]. Posebna izdanja **511**, Odeljenje prirodno-matematičkih nauka **49**, Srpska akademija nauka i umetnosti, Beograd. pp. 389.
- Jovanović B, Jovanović R & Zupančić M. (eds.) 1986. **Prirodna potencijalna vegetacija Jugoslavije (komentar karte 1: 1,000.000): Rezime** [Natural potential vegetation of Yugoslavia (Commentary to the map 1: 1,000.000): Summary]. Naučno veće Vegetacijske karte Jugoslavije, Ljubljana. pp. 122.
- Jovanović B, Jovanović R, Mišić V. & al. 1983-1986. **Karta prirodne potencijalne vegetacije SFR Jugoslavije 1: 1,000.000** [Map of the Natural Potential Vegetation of SFR Yugoslavia 1: 1,000.000]. Vojno-geografski institut, Beograd.
- nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1973. Rod *Gentiana* L. In: Josifović M. (ed.), Flora SR Srbije **5**, pp. 412-426, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Limosella* L. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 174-175, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Digitalis* L. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 221-228, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Odontites* Hall. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 229-234, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Pedicularis* L. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 249-258, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Melampyrum* L. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 258-274, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Tozzia* L. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 274-275, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1974. Rod *Ramonda* Rich. In: Josifović M. (ed.), Flora SR Srbije **6**, pp. 282-284, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1976. Rod *Carex* L. In: Josifović M. (ed.), Flora SR Srbije **8**, pp. 182, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1977. Fam. *Gentianaceae* . In: Josifović M. (ed.), Flora SR Srbije **9**, pp. 151-152, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1977. Fam. *Gesneriaceae* . In: Josifović M. (ed.), Flora SR Srbije **9**, pp. 163, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1977. *Cardamine carnos*a Waldst. & Kit. In: Josifović M. (ed.), Flora SR Srbije **9**, pp. 77, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović R., Jovanović, S. 1999. *Tozzia alpina* L. subsp. *carpatica* (Woloszczak) Dostal. In: Stevanović V. (ed.), Crvena knjiga flore Srbije **1**, Iščezli i krajnje ugroženi taksoni, pp. 315-316, Ministarstvo za životnu sredinu Republike Srbije, Biološki fakultet Univerziteta u

Chapters in the books

- Jovanović-Dunjić R. 1972. Rod *Cardamine* L. In: Josifović M. (ed.), Flora SR Srbije **3**, pp. 245, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1972. Rod *Lepidium* L. In: Josifović M. (ed.), Flora SR Srbije **3**, pp. 364-365, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1973. Fam. *Gentianaceae* B. Juss. In: Josifović M. (ed.), Flora SR Srbije **5**, pp. 403-433, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1973. Rod *Gentianella* Moench. In: Josifović M. (ed.), Flora SR Srbije **5**, pp. 426-433, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1973. Rod *Polygala* (Tournef.) L. In: Josifović M. (ed.), Flora SR Srbije **5**, pp. 162-174, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1973. Rod *Blackstonia* (L.) Huds. In: Josifović M. (ed.), Flora SR Srbije **5**, pp. 406-407, Srpska akademija nauka i umetnosti, Beograd.
- Jovanović-Dunjić R. 1973. Rod *Swertia* L. In: Josifović M. (ed.), Flora SR Srbije **5**, pp. 407-408, Srpska akademija

Beogradu, Zavod za zaštitu prirode Republike Srbije.

Scientific papers and communications at symposia and congresses

- Jovanović-Dunjić R. 1952. Fitocenoze Ramondija u Srbiji [Phytocenoses of *Ramonda* species in Serbia]. Godišnjak Biološkog instituta u Sarajevu 5(1-2): 257-270.
- Jovanović-Dunjić R. 1954. O fitocenozi đipovine (*Chrysopogon gryllus*) u istočnoj Srbiji [On phytocenosis of *Chrysopogon gryllus* in Eastern Serbia]. Arhiv bioloških nauka 6(1-2): 63-80.
- Jovanović-Dunjić R. 1954. O fitocenozi đipovine (*Chrysopogon gryllus*) u istočnoj Srbiji [On phytocenosis of *Chrysopogon gryllus* in Eastern Serbia]. Zbornik radova Instituta za ekologiju i biogeografiju SAN, Beograd 5(5): 1-18.
- Borisavljević Lj, Jovanović-Dunjić R & Mišić V. 1955. Vegetacija Avale [Vegetation of the Avala Mt.]. Zbornik radova Instituta za ekologiju i biogeografiju SAN, Beograd 6(3): 1-43.
- Jovanović R. 1955. Pašnjaci i livade Suve Planine [Pasture and meadow types of the Suva Planina Mt.]. Glasnik Biološke sekcije, Zagreb 2B(7): 201-203 (Zbornik I. Kongres biologa Jugoslavije, Zagreb).
- Jovanović-Dunjić R. 1955. Tipovi pašnjaka i livada Suve Planine [Pasture and meadow types of the Suva Planina Mt.]. Zbornik radova Instituta za ekologiju i biogeografiju SAN, Beograd 6(2): 1-104.
- Jovanović-Dunjić R. 1956. Tipovi pašnjaka i livada na Rtnju [Pasture and meadow types of the Rtanj Mt.]. Zbornik radova Instituta za ekologiju i biogeografiju SAN, Beograd 6(1): 1-45.
- Jovanović R. 1957. Tipovi dolinskih livada Jasenice [Valley meadows types of the Jasenica]. Arhiv bioloških nauka 9(1-4): 1-14.
- Jovanović R. 1958. Tipovi močvarne vegetacije u Jasenici [Marsh vegetation types of the Jasenica]. Biološki institut N. R. Srbije, Zbornik radova 2(1): 1-36.
- Jovanović R. 1963. O reliktnom nalazištu vrste *Eriophorum latifolium* Hoppe u nizinskim područjima Srbije [On the relict site of the species *Eriophorum latifolium* Hoppe in the lowland areas of Serbia]. Biološki institut N. R. Srbije, Zbornik radova 6(1): 3-15.
- Jovanović R. 1965. Zavisnost močvarnih i livadskih fitocenoza od visine podzemne vode u dolini Velike Morave [The influence of groundwater on the wetland and grassland phytocenoses in the valley of the Velika Morava river]. Zaštita prirode 29-30: 25-49.
- Jovanović-Dunjić R. 1969. Ekološko floristička diferencijacija i strukturne osobenosti različitih varijanti *Nardetum*-a u Srbiji [Ecological and floristic differentiation and structural characteristics of different variants of *Nardetum* community types in Serbia]. Ekologija (Beograd) 4(2): 185-201.
- Jovanović-Dunjić R. 1969 (1971): Ekološko-biljnogeografska analiza močvarne i livadske vegetacije u dolini Velike Morave [Ecological and Phytogeographical analysis of marsh and meadow vegetation in the valley of the Velika Morava river]. Arhiv bioloških nauka 21(1-4): 55-69.
- Jovanović-Dunjić R. 1969. Sastav, struktura i međuođnosni fitocenoza na tresavama Kopaonika [The composition, structure and interrelationships between the peat-bog phytocenoses of the Kopaonik Mt.]. Simpozijum iz ekologije, Rezimea saopštenja, pp. 59-60, Savez bioloških društava Jugoslavije, Srpsko biološko društvo, Beograd.
- Jovanović-Dunjić R. 1969. Stanište vrste *Tozzia alpina* L. na jednom od retkih nalazišta u Srbiji [Habitat of the species *Tozzia alpina* L. in one of the rare sites in Serbia]. Glasnik Prirodnačkog muzeja u Beogradu B24: 41-46.
- Jovanović-Dunjić R. 1971. Ispitivanja strukture i ekoloških uslova fitocenoza u jednom mozaik kompleksu na tresavama Stare planine [Investigations of the structure and environmental conditions of phytocenoses in a complex mosaic of peat-bogs on the Stara Planina Mt.]. Glasnik Instituta za botaniku i Botaničke bašte Univerziteta u Beogradu 6(1-4): 91-106.
- Jovanović-Dunjić R. 1972. Fitocenološka analiza žbunaste zajednice *Vaccinio-Bruckenthalietum* na planinama jugoistočne Srbije [Phytocenological analysis of shrub community *Vaccinio-Bruckenthalietum* on the mountains of southeastern Serbia]. Ekologija (Beograd) 7(1-2): 27-36.
- Jovanović-Dunjić R. 1973. Komparativna fitocenološka analiza vegetacije na tresavama Kopaonika i Stare planine [Comparative phytocenological analysis of peat-bog vegetation on the mts. Kopaonik and Stara Planina]. In: Danon, J. (ed.), Prvi kongres ekologe Jugoslavije, Zbornik referata i rezimea, pp. 64-65, Društvo ekologe Jugoslavije, Beograd.
- Jovanović-Dunjić R. 1974. Rezultati ispitivanja strukture i dinamike fitocenoza na tresavama Kopaonika na primeru asocijacije *Carici-Sphagneto-Eriophoretum* R. Jovanović [The results of investigations of the structure and dynamics of peat-bog phytocenoses on the Kopaonik Mt., on the example of the association *Carici-Sphagneto-Eriophoretum* R. Jovanović]. IV Kongres biologa Jugoslavije, Rezimei referata, pp. 35, Sarajevo.
- Mišić V, Jovanović-Dunjić R, Popović M, Dinić A, Danon J & Blaženčić Ž. 1978. The forest communities and montane pastures of the mountain Stara planina. Problems of Balkan flora and vegetation, p. 111, Istanbul.
- Jovanović-Dunjić R. 1979. Usporedna analiza promena u sastavu i strukturi zajednice *Sparganio-Eriophoretum latifolii* R. Jovanović 1976 u periodu 1959-1973-1977 [Comparative analysis of changes in the composition

- and structure of the community *Sparganio-Eriophoretum latifolia* R. Job. 1976 for the period 1959-1973-1977]. In: Rauš, Đ. (ed.), Drugi Kongres ekologičara Jugoslavije **1**, pp. 585-595, Savez Društava ekologičara Jugoslavije, Zagreb.
- Jovanović-Dunjić R. 1981. Rezultati istraživanja strukture, dinamike i međuođnosa fitocenoza na tresavama Kopaonika na primeru asocijacija *Carici-Sphagneto-Eriophoretum* i *Hygronardetum strictae* [The results of investigations of the structure and dynamics of peat-bog phytocoenoses on the Kopaonik Mt., on the example of the associations *Carici-Sphagneto-Eriophoretum* and *Hygronardetum strictae*]. Arhiv bioloških nauka **33**(1-4): 37-49.
- Jovanović-Dunjić R. 1982. Fitocenološka analiza livadske zajednice *Arrhenatheretum elatioris* Br.-Bl. u Srbiji [Phytocoenological analysis of meadow communities *Arrhenatheretum elatioris* Br.-Bl. in Serbia]. In: Glumac, S. (ed.), VI Kongres biologičara Jugoslavije, Izvodi saopštenja, C34, Unija bioloških naučnih društava Jugoslavije, Novi Sad-Beograd.
- Jovanović-Dunjić R. 1983. Biljnogeografski odnosi zajednica planinskih pašnjaka stepskog tipa ("planinske stepe") u Srbiji [Phytogeographical relations between communities of mountain steppe-types pastures ("mountain steppe") in Serbia]. Makedonska akademija na naukite i umetnostite, Prilozi **4**(1-2): 93-102.
- Jovanović-Dunjić R. 1983. Prilog proučavanju sastava i strukture livadske zajednice *Arrhenatheretum elatioris* Br.-Bl. na području Velikog Jastrepa [Contribution to the study of the composition and structure of grassland communities *Arrhenatheretum elatioris* Br.-Bl. in the area of Veliki Jastrebac Mt.]. Arhiv bioloških nauka **35**(1-2): 51-65.
- Jovanović-Dunjić R & Jovanović S. 1983. Rasprostranjenje vrste *Alchemilla plicatula* Gand. var. *velebitica* Deg. u SR Srbiji [Distribution of species of *Alchemilla plicatula* Gand. var. *velebitica* Deg. in the SR Serbia]. Arhiv bioloških nauka **35**: 7P-8P.
- Jovanović-Dunjić R. 1984. Prilog poznavanju rasprostranjenja i međuođnosa Nardetum-asocijacija u Srbiji [Contribution to the knowledge of distribution and interrelationships between *Nardetum*-associations in Serbia]. Bilten Društva ekologičara Bosne i Hercegovine **B2**(1): 323-324. (III Kongres ekologičara Jugoslavije, Sarajevo 1984, Radovi i rezimea 1).
- Jovanović-Dunjić R & Jovanović, S. 1985. Fitocenološka analiza asocijacije *Erico-Seslerietum rigidae* Ass. nova [Phytocoenological analysis of the association *Erico-Seslerietum rigidae* Ass. nova]. Arhiv bioloških nauka **37**(1-4): 85-98.
- Jovanović S & Jovanović-Dunjić R. 1986. Prilog poznavanju hazmofitske vegetacije kanjona Dervente (Nacionalni park Tara) [Contribution to the knowledge of the chasmophytic vegetation of the canyon Derventa (Tara National Park)]. Glasnik Instituta za botaniku i Botaničke bašte Univerziteta u Beogradu **20**: 33-43.
- Jovanović-Dunjić R, Danon J & Blaženčić Ž. 1986. Vegetacija livada i pašnjaka na teritoriji severoistočne Srbije [The vegetation of meadows and pastures in the northeastern Serbia]. I Simpozijum o flori i vegetaciji SR Srbije, Zbornik izvoda saopštenja, pp. 40-41, Srpsko biološko društvo, Srpska akademija nauka i umetnosti, Institut za botaniku i Botanička bašta, Odsek za biološke nauke PMF u Beogradu, Prirodnjački muzej u Beogradu, Beograd.
- Jovanović-Dunjić R & Jovanović S. 1986. Prilog poznavanju vegetacije tresava na Goliji [Contribution to the knowledge of peat-bog vegetation on the Golija Mt.]. Arhiv bioloških nauka **38**(1-4): 5P-6P.
- Jovanović-Dunjić R & Jovanović S. 1986. Sukcesija vegetacije na serpentinским kamenjarima istočnih obronaka Kopaonika [The succession of vegetation on serpentine rocky grounds on eastern spurs of the Kopaonik Mt.]. In: Ivanović, B. (ed.), VII Kongres biologičara Jugoslavije, Plenarni referati i izvodi saopštenja, pp. 215, Unija bioloških naučnih društava Jugoslavije, Društvo biologičara Crne Gore, Budva/Titograd.
- Jovanović-Dunjić R, Stefanović K, Popović R & Dimitrijević J. 1986. Prilog poznavanju livadskih ekosistema na području Velikog Jastreba [Contribution to the knowledge of meadow ecosystems in the veliki Jastrebac Mt.]. Glasnik Instituta za botaniku i Botaničke bašte Univerziteta u Beogradu **20**: 7-31.
- Jovanović-Dunjić R & Jovanović S. 1987. The succession of vegetation on serpentine rocky grounds on eastern spurs of the Kopaonik mountain. Arhiv bioloških nauka **39**(1-4): 93-102.
- Jovanović-Dunjić R. 1988. Chorology and ecology of the species *Potentilla palustris* (L.) Scop. in Serbia. Arhiv bioloških nauka **40**(1-4): 7P-8P.
- Jovanović S, Stevanović V & Jovanović-Dunjić R. 1990. Prilog poznavanju vegetacije na serpentinima Srbije [Contribution to the knowledge on the serpentine vegetation of Serbia]. Simpozijum Nedeljko Košanin i botaničke nauke, pp. 57, Srpska akademija nauka i umetnosti, Institut za botaniku i Botanička bašta PMF, DP za gazdovanje šumama "Golija" Ivanjica, Ivanjica.
- Jovanović-Dunjić R & Jovanović S. 1989 (1991). Pregled zajednica livada, pašnjaka i planinskih tresava na području Nacionalnog parka Tara [Review of meadows, pastures and mountain peat-bog phytocoenoses in the Tara National Park]. Glasnik Instituta za botaniku i Botaničke bašte Univerziteta u Beogradu **23**: 69-75.
- Jovanović S, Stevanović V & Jovanović-Dunjić R. 1992. Contribution to the knowledge on the serpentine vegetation of Serbia. Glasnik Prirodnjačkog muzeja u Beogradu **B47**: 43-51.

Studies

- Mišić V, Janković MM, Jovanović R, Bogojević R & Borisavljević, Lj. 1969. Rasprostranjenje i glavne karakteristike biljnog pokrivača Srbije [Distribution and principal characteristics of the plant cover in Serbia]. U elaboratu: „Rasprostranjenje i glavne karakteristike biljnog pokrivača i životinjskog sveta Srbije“, Institut za biološka istraživanja Beograd, pp. 1-443.
- Jovanović-Dunjić R. 1971. Pregled tresava Kopaonika [Review of peat-bogs of Kopaonik Mt.]. Manuscript. Institut za biološka istraživanja “Siniša Stanković”, Beograd.
- Jovanović B & Jovanović R. 1976. Prodromus biljnih zajednica SR Srbije (bez pokrajina) [Prodromus of plant communities of SR Serbia (without the province)]. Institut za biološka istraživanja “Siniša Stanković”, Beograd, pp. 1-74.
- Mišić V & Jovanović-Dunjić R. 1977. Lekovite biljke i njihova nalazišta na području opštine Tutin [Medicinal herbs and their sites in the region of the municipality Tutin]. Tehnološki fakultet Univerziteta u Beogradu i opština Tutin, pp. 1-35.
- Jovanović-Dunjić R. 1979. Godišnji izveštaj o izradi vegetacijske karte sliva Resave sa Beljanicom [Annual report on the production of the vegetation map of the basin of river Resave with Beljanica]. Institut za biološka istraživanja “Siniša Stanković”, Beograd.
- Jovanović R. 1981. Livadske zajednice na području Svrljiških planina [Meadow communities in the Svrljiške planine Mt.]. Izveštaj uz kartu livadske vegetacije sekcije Niš 2, Institut za biološka istraživanja “Siniša Stanković”, Beograd, pp. 1-11.
- Jovanović R. 1983. Livadske fitocenoze u rezervatu Obedska bara kao indikatori vodnog režima zemljišta [Meadow phytocenoses of the Reserve Obededska bara as indicators of water regime]. Radni sastanak “Zaštita, uređivanje i unapređivanje Obedske bare”. Pokrajinski zavod za zaštitu prirode, Novi Sad, pp. 25-30.
- Mišić V, Jovanović-Dunjić R, Jovanović B, Dinić A, Popović M, Danon J, Blaženčić Ž & Kalinić M. 1984. Biljne zajednice i staništa severoistočne Srbije [Plant communities and habitats of northeastern Serbia]. Institut za biološka istraživanja “Siniša Stanković”, Beograd.
- Mišić V, Jovanović-Dunjić R & Popović M. 1985. Vegetacija Kopaonika. Studija sa vegetacijskim kartama 1: 50000 za šire područje [Vegetation of the Kopaonik Mt. Study with vegetational maps 1: 50000 for a wider region]. Prostorni plan Nacionalnog parka Kopaonik. Zavod za urbanizam i prostorno planiranje, Beograd, pp. 1-169.

NEW TAXONOMIC COMBINATIONS AND SYNTAXA

New taxonomic combinations

- Cardamine bulbifera* (L.) Crantz f. *ptarmicifolia* (DC) Dunjić
Cardamine glauca Spreng. f. *pumila* (O. E. Schulz) Dunjić stat. nov.
Cardamine hirsuta L. f. *unicaulis* (O. E. Schulz) Dunjić
Gentiana tergestina Beck var. *chalybaea* (Beck) Dunjić
Gentiana verna L. var. *aestiva* (Schm.) Dunjić
Gentianella austriaca (A. et J. Kerner) Dostal f. *albiflora* (K. Maly) Dunjić
Gentianella austriaca (A. et J. Kerner) Dostal f. *ionantha* (Borb.) Dunjić
Gentianella bulgarica (Velen.) Holub var. *albanica* (Jav.) Dunjić
Gentianella crispata (Vis.) Holub f. *candida* (Beck) Dunjić

New Syntaxa

- Vaccinio-Piceetea* Br.-Bl. 1939 emend. Zupančić 1976
Vaccinietalia Lakušić et al. 1979
Vaccinion uliginosi Lakušić 1974
1. *Vaccinietum uliginosi* R. Jovanović 1978
 2. *Vaccinietum myrtilli* R. Jovanović 1963
 3. *Vaccinio-Bruckenthalietum spiculifoliae* R. Jovanović 1972
 4. *Vaccinio-Bruckenthalietum spiculifoliae* R. Jovanović 1972
arctostaphylletosum R. Jovanović 1972
 5. *Vaccinio-Bruckenthalietum spiculifoliae* R. Jovanović 1972
festucetosum nigrescentis R. Jovanović 1972
- Betulo-Adenostyletea* Br.-Bl. et R. Tx. 1943
Adenostyletalia G. et J. Br.-Bl. 1931
Adenostylian alliariae Br.-Bl. 1925
6. *Deschampsietum subalpinum* Ht. 1936
glycerietosum plicatae R. Jovanović 1983
- Asplenietea trichomanis* Br.-Bl. 1934 corr. Oberd. 1977
Potentilletalia caulescentis Br.-Bl. 1926
Ramondion nathaliae Ht. 1935
7. *Centaureo derventanae-Seslerietum tenuifoliae* R. Jovanović et S. Jovanović 1986
 8. *Ceterachi-Ramondetum serbicae* R. Jovanović 1953
 9. *Erysimo-Ramondetum nathaliae* R. Jovanović 1953
 10. *Potentillo apenninae-Saxifragetum aizoon* R. Jovanović 1955
 11. *Saxifraga aizoon-Viola grisebachiana* R. Jovanović 1956
- Thlaspietea rotundifolii* Br.-Bl. et al. 1947
Achnatheretalia calamagrostis Oberd. et Seibert 1977
Achnatherion calamagrostis Jenny-Lips 1930
12. *Artemisio-Achnatheretum calamagrostis* R. Jovanović 1984
 13. *Saturejo montanae-Achnatheretum calamagrostis* R. Jovanović et S. Jovanović 1986

- Festuco-Seslerietea* Barbero et Bonim 1969
Seslerietalia juncifoliae Ht. 1930
Seslerion rigidae Zólyómi 1939
 14. *Anthylo-Seslerietum rigidae* R. Jovanović 1955
 15. *Cariceto-Dryadetum octopetalae* R. Jovanović 1955
- Seslerion rigidae-latifoliae* prov. D. Lakušić 1996
 16. *Erico-Seslerietum rigidae* R. Jovanović et S. Jovanović 1985
 17. *Sileneto multicaulis-Stipetum pulcherimae* R. Jovanović 1978
- Onobrychido-Seslerietalia* Ht. 1949
Seslerio-Festucion R. Jovanović 1955
 18. *Festucetum xanthinae-variae* R. Jovanović 1955
 19. *Semperivio-Seslerietum argenteae (nitidae)* R. Jovanović 1955
- Festuco-Knaution longifoliae* R. Jovanović 1955
 20. *Knautieto-Festucetum paniculatae* R. Jovanović 1955
 21. *Sileneto-Festucetum fallacis* R. Jovanović 1955
 22. *Sileneto-Festucetum fallacis poetosum pratense* R. Jovanović 1955
- Juncetea trifidi* Hadač 1946
Seslerietalia comosae Simon 1957
Seslerion comosae Ht. 1935
 23. *Festuco supinae-Agrostidetum rupestris* R. Jovanović 1978
 24. *Seslerietum coerulantis* R. Jovanović 1978
 25. *Seslerietum coerulantis R. Jovanović 1978 juncetosum trifidi* R. Jovanović 1978
- Poion violaceae* Ht. 1937
 26. *Allio-Caricetum laevis* R. Jovanović 1975
- Nardo-Callunetea* Preising 1949
Calluno-Ulicetalia R. Tx. 1937
Potentillo ternatae-Nardion Simon 1958
 27. *Plantaginetum montanae* R. Jovanović 1955
- Molinio-Arrhenatheretea* R. Tx. 1937
Molinieta W. Koch 1926
Calthion R. Tx. 1937
 28. *Cirsio palustre-Eriophoretum latifolii* R. Jovanović 1969
 29. *Equiseto-Scirpetum silvatici* prov. R. Jovanović 1969
 30. *Sparganio-Eriophoretum latifolii* R. Jovanović 1973
- Molinio-Arrhenatheretea* R. Tx. 1937
Trifolio-Hordeetalia H-ić 1963
Trifolion resupinati K. Micevski 1957
 31. *Agrostidetum albae* R. Jovanović 1965
 32. *Festuco-Hordeeteum secalini* R. Jovanović 1957
 33. *Festuco-Hordeeteum secalini R. Jovanović 1957 alopecuretosum utriculati* R. Jovanović 1965
34. *Festuco-Hordeeteum secalini R. Jovanović 1957 brometosum racemosi* R. Jovanović 1957
 35. *Festuco-Hordeeteum secalini R. Jovanović 1957 caricetosum distantis* R. Jovanović 1965
 36. *Festuco-Hordeeteum secalini R. Jovanović 1957 festucetosum pratensis* R. Jovanović 1957
 37. *Poo-Alopecuretum pratensis* R. Jovanović 1957
 38. *Poo- Alopecuretum pratensis R. Jovanović 1957 agropyretosum repentis* R. Jovanović 1957
 39. *Poo- Alopecuretum pratensis R. Jovanović 1957 agrostidetosum albae* R. Jovanović 1957
 40. *Poo- Alopecuretum pratensis R. Jovanović 1957 caricetosum praecox* R. Jovanović 1965
 41. *Poo- Alopecuretum pratensis R. Jovanović 1957 clematetosum integrifoliae* R. Jovanović 1983
 42. *Poo- Alopecuretum pratensis R. Jovanović 1957 helleocharo-puccinellietosum* R. Jovanović 1983
 43. *Poo- Alopecuretum pratensis R. Jovanović 1957 poetosum pratensis* R. Jovanović 1957
 44. *Poo- Alopecuretum pratensis R. Jovanović 1957 trifolietosum resupinati* R. Jovanović 1965
- Deschampsietalia* H-ić (1956)1958
Deschampsion caespitosae H-ić 1930
 45. *Agrostidetum albae* prov. R. Jovanović 1956
- Arrhenatheretalia* Pawl. 1928
Arrhenatherion elatioris Br.-Bl. 1925
 46. *Bromo-Cynosuretum cristati H-ić 1930 antoxanthetosum* R. Jovanović 1965
 47. *Bromo-Cynosuretum cristati H-ić 1930 cirsietosum cani* R. Jovanović 1965
 48. *Festuco-Cynosuretum cristati* prov. R. Jovanović 1967
 49. *Poo trivialis-Cynosuretum cristati* R. Jovanović 1955
- Festuco-Brometea* Br.-Bl. et R. Tx. 1943
Brometalia erecti Br.-Bl. 1936
Bromion erecti Br.-Bl. (1925) 1936
 50. *Lamio-Brometum erecti* R. Jovanović
- Scorzonero-Chrysopogonetalia* Ht. et H-ić 1958
Chrysopogoni-Satureion Ht. et H-ić 1934
 51. *Euphorbio myrsiniti-Bothriochloetum ischaemi* R. Jovanović 1955
 52. *Xeranthemo-Ishametum* R. Jovanović 1955
- Festucetalia valesiaca* Br.-Bl. et R. Tx. 1943
Festucion valesiaca Klika 1931
 53. *ass. Bromus arvensis- Bromus mollis* R. Jovanović 1955
 54. *Calamagrostio-Festucetum rupicolae* R. Jovanović 1985
 55. *Carici humilis-Stipetum pulcherrimae* R. Jovanović 1955
 56. *Festucetum valesiaca* R. Jovanović 1955

57. *Galio-Festucetum valesiacae* R. Jovanović 1955
58. *Galio-Festucetum valesiacae* R. Jovanović 1955
bromosum R. Jovanović 1956
59. *Poa angustifolia-Achillea collina* R. Jovanović 1956
60. *Poetum alpinae* prov. R. Jovanović 1963
61. *Potentillo-Caricetum humilis* R. Jovanović 1955
62. *Potentillo-Caricetum humilis* R. Jovanović 1955
achilleetosum R. Jovanović 1956
63. *Potentillo-Caricetum humilis* R. Jovanović 1955
arthemisietosum camphoratae Diklić 1962
64. *Potentillo-Caricetum humilis* R. Jovanović 1955
plantagnetosum argenteae R. Jovanović 1955
65. *Rorripo pyrenaicae-Poetum bulbosae* R. Jovanović
1967
66. *Stipetum tirsae* R. Jovanović 1956
- Chrysopogoni-Danthonion alpinae* Kojić 1957
67. *Agrostio-Asphodeletum albae* R. Jovanović 1978
68. *Asperulo-Agrostidetum vulgaris* prov. R. Jovanović
1955
69. *Geranio sanguinei-Caricetum hallerianae* R.
Jovanović et al. 1986
70. *Koelerio-Chrysopogonetum grylli* R. Jovanović 1967
71. *Sieglingio-Festucetum rubrae* R. Jovanović et al.
1986
72. *Teucro-Chrysopogonetum grylli* R. Jovanović 1954
73. *Teucro-Chrysopogonetum grylli* R. Jovanović 1954
agropyretosum intermediae R. Jovanović 1954
74. *Teucro-Chrysopogonetum grylli* R. Jovanović 1954
vulpietosum ciliatae R. Jovanović 1954
75. *Trifolio-Agrostidetum vulgaris* prov. R. Jovanović
1955
76. *Trifolio-Trisetetum flavescens* (R. Jovanović 1967)
Randjelović 1974
- Halacsysetalia sendtneri* H. Ritter-Studnička 1970
Centaureo-Bromion fibrosi Blečić et al. 1960
77. *Carici humilis-Festucetum pancicianae* R. Jovanović
et S. Jovanović 1987
78. *Festuco duriusculae-Euphorbietum glabriflorae* S.
Jov. et R. Jovanović
- Phragmitetea communis* R. Tx. et Preising 1942
Magnocaricetalia Pignatti 1953
Caricion gracilis-vulpinae E. Bálátová-Tulačková 1963
79. *Caricetum vulpinae-ripariae* R. Jovanović 1958
80. *Caricetum vulpinae-ripariae* R. Jovanović 1958
caricetosum acutiformis R. Jovanović 1965
81. *Caricetum vulpinae-ripariae* R. Jovanović 1958
caricetosum gracilis R. Jovanović 1965
82. *Caricetum vulpinae-ripariae* R. Jovanović 1958
caricetosum ripariae R. Jovanović 1965
83. *Caricetum vulpinae-ripariae* R. Jovanović 1958
caricetosum vulpinae R. Jovanović 1958
84. *Carici vulpinae-Calamagrostidetum*
pseudophragmites R. Jovanović et al. 1986
85. *Galio-Heleocharietum palustris* prov. R. Jovanović
1970
86. *Heleocharieto-Caricetum nutantis* R. Jovanović 1958
87. *Heleocharietum palustris* prov. R. Jovanović 1969
88. *Juncetum tenageae* prov. R. Jovanović 1969
89. *Junco-Calamagrostidetum pseudophragmites* R.
Jovanović 1965
90. *Junco-Scirpetum silvatici* R. Jovanović 1958
- Caricion rostrate* (E. Bálátová-Tulačková 1963) Oberd.
1967
91. *Caricetum rostratae* tip R. Jovanović 1983
- Phragmitetalia eurosibirica* W. Koch 1926
Beckmannion eruciformis Soó 1933
92. *Beckmannietum eruciformis* prov. R. Jovanović 1958
93. *Beckmannietum eruciformis* prov. R. Jovanović 1958
glycerietosum fluitantis R. Jovanović 1958
Phalaridion arundinaceae Kopecky 1961
94. *Phalaridetum arundinaceae* Libb. 1951 *trifolietosum*
R. Jovanović 1965
95. *Phalaridetum arundinaceae* Libb. 1951 *gratioletosum*
R. Jovanović 1965
- Scheuchzerio-Caricetea fuscae* (Nordhagen 1936) R. Tx. 1937
Caricetalia fuscae W. Koch 1926 emend. Nordhagen 1937
Caricion canescentis-nigrae Nordhagen 1937
96. *Agrostio-Potentilletum palustris* R. Jovanović 1977
97. *Caricetum acutae (goodenowii)* R. Jovanović 1973
98. *Carici-Sphagnetum* R. Jovanović 1963
99. *Carici-Sphagno-Eriophoretum* R. Jovanović 1978
100. *Carici-Sphagno-Eriophoretum* R. Jovanović 1978
caricetosum rostratae R. Jovanović 1983
101. *Eriophoro-Caricetum paniculatae* R. Jovanović 1983
- Scheuchzerietalia palustris* Nordhagen 1936
Rhynosporion albae Koch 1926
102. *Eriophoro-Menyanthetum trifoliatae* R. Jovanović
1973
- Caricetalia davalliana* Br.-Bl. 1949
Caricion davalliana Klika 1934
103. *Blysmetum compressi* R. Jovanović 1983
- Montio-Cardaminetea* Br.-Bl. Et Tx. 1943
Montio-Cardaminetalia Pawl. 1928 em. Mass. 1959
Cardamine-Montion Br.-Bl. 1925
104. *Cardamino-Rumici-Calthetum* R. Jovanović 1971

