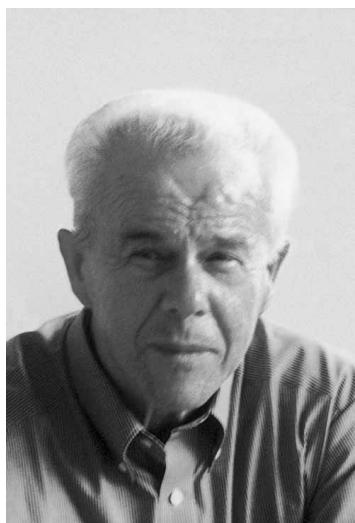


Professor Ivan Šugar – on the occasion of his seventieth birthday



Professor Ivan Šugar

The Croatian botanist Ivan Šugar reached his 70th birthday in 2003. Ivan Šugar, doctor of biological science and retired University Professor at the Faculty of Pharmacy and Biochemistry at the University of Zagreb, was born on May 27th 1933 in Filipana, the present municipality of Marčana near Pula, Istrian peninsula, in the family of workers. He finished elementary school in his native village and then gymnasium in Pazin in 1953. After military service, in 1955, he entered the Faculty of Science – the Biology Program – in Zagreb where he graduated in 1961.

In 1962/63 Ivan Šugar started the postgraduate study of biology/ecology at the Faculty of Science in Zagreb and spent the school year of 1965/66 at the University of Montpellier (France) where he finished his postgraduate study. In 1967, he won his master's degree at the Faculty of Science, University of Zagreb, by defending successfully his master's thesis entitled »Plant Cover of Osorčica on the island of

Lošinj«. He won his doctor's degree at the University of Zagreb by defending successfully the thesis entitled »Flora and Vegetation of Samoborsko gorje«.

During his stay in France, I. Šugar spent two months at »Service de la Carte de la Végétation« in Toulouse where he got acquainted with the methodology of cartographic presentation of vegetation by means of aerial photogrammetry. Besides, he spent one month as the apprentice in pedology in the French Central Massive. Finally, in 1973, he spent two months at the Universitiy in Patras (Grece) investigating the vegetation of Peloponnesus.

Almost all his active life, with the exception of four months at the Teacher Training College in Pula in the school year 1960/61 and a little more than one year of his professional improvement abroad (Montpellier, Patras) Ivan Šugar worked in various scientific institutions in Zagreb as an active participant in scientific research. In the period 1961/62 he worked as the research fellow in the Department of Botany at the Faculty of Science, then from 1962 to 1978 in the Institute of Botany of the University of Zagreb, first as assistant lecturer (1962–1972), then as research assistant (1973–1974) and research associate (1975–1978). When the Institute of Botany ceased to exist, I. Šugar started to work in the Department of Botany at the Faculty of Science in the period of 1978–1987 as the re-

search associate and then since 1998 as scientific advisor. Since 1994 he has taught botany at the Faculty of Pharmacy and Biochemistry first as part-time professor and then from 1996 to his retirement in 2001 as full professor.

During his active life, professor Šugar filled various professional posts. Thus, in the period of 1967–1982 he was the Secretary of the Commission for Coordinating the Work on the Vegetation Map of Yugoslavia, and since 1975 the editor-in-chief and project leader for the »Vegetation Map of Croatia« Project. Since 1991, he has been the chief researcher on the same Project. In the period from 1975 to 1977 he conducted an international project in the Institute of Biology in Dubrovnik.

The scientific work of Ivan Šugar has consisted of the research of flora and vegetation in Croatia and the preparation of the Vegetation Map of Croatia. He published 64 scientific works, 14 in foreign publications and 48 in national scientific journals. He has published more than 90 professional works, three books (two botanical dictionaries and one co-authored work). Ivan Šugar has been interested in the botanical lexicography that is now in the last stage of preparation, on the Croatian name book of plants involving local collection Croatian names of plants, on the Croatian botanical terminology, etc. He has translated about 900 pages from French, Italian and Latin; he has written 11 studies, prepared for printing 14 vegetation maps in scale 1: 100 000, and edited the »Red Book« of protected endangered plants in the Republic of Croatia.

Professor Šugar has participated in 13 international and 22 national scientific and professional meetings; he took part at two UNESCO's conferences organized within the scope of the MAB 8 Project (Man and Biosphere) on the protection of the Living World of the Mediterranean, held for the first time in Potenza (Italy), in 1975, where together with other participants he drafted the proposal to proclaim Velebit as the biogenetic reserve, and the second in Montpellier (France), in 1980, on the same issues related to the MAB 8 Project. In 1988, he participated in the meeting of the International Association of World Biologists in Smolenice (Slovakia).

The scientific work of Ivan Šugar is reflected in the scientific and professional world. His works, as far as it could be verified, have been quoted about 200 times in national and foreign journals, handbooks and tertiary publications (Biological Abstracts, SCI, CC, Vegetation Südosteuropas, Atlas der Donauländer, etc.).

Selection of published works

I/ Scientific works

- ŠUGAR, I., 1969: L'ass. *Psiluro-Trifolietum cherleri*. Distribuzione, caratteristiche pedologiche e valore nutritivo. Mitt. Ostalp.-Din. Pflanzensoziol. Arbeitsgem. 9, 323–332.
- ŠUGAR, I., TRINAJSTIĆ, I., 1970: *Daphne laureola* L. (lovoroljni likovac) u biljnom pokrovu Istre. Acta Bot. Croat. 29, 225–232.
- ŠUGAR, I., TRINAJSTIĆ, I., MARTINIS, Z., 1972: Prilog poznavanju areala kadulje. Farm. Glasn. 28, 35–42.
- ŠUGAR, I., 1973: La végétation des mauvaises herbes de la région de Samoborsko gorje. Acta Herbol. Jugosl. 38, 1–6.

- TRINAJSTIĆ, I., ŠUGAR, I., 1977: contribution a la connaissance de la végétation de l'alliance *Oleo-Ceratonion* de presqu'île de Salerno au sud de Naples (Italie). Acta Bot. Croat. 36, 135–141.
- ŠUGAR, I., PAVLETIĆ, ZI., 1977: La position phytogéographique du Littoral Croate dans la lumiere du quotient pluviothermique d'Emberger. Rapp. Comm. Int. Mer Medit. 24, 75–76. Monaco.
- ŠUGAR, I., GAŽI-BASKOVA, V., MARKOVIĆ, LJ., 1978: Vegetacijska karta Hrvatske, list Dugi otok 1: 100 000. Bot. Zavod PMF. Zagreb.
- ŠUGAR, I., 1982: Novi pogledi na biljni pokrov i biljnogeografsku raščlanjenost Istre. Acta Bot. Croat. 42, 225–234.
- ŠUGAR, I., 1983: Prilog poznавању ливадне вегетације у Личи. Прилози 4, 1–2. Мaked. Нак. Умј. Скопје.
- ŠUGAR, I., 1985: Знање ботаничке грађе у Лоносовићевим рукописима за хрватску ботаничку номенклатуру. Proc. on Marijan Lonosović, JAZU, Zavod za znanstveni rad Osijek, 269–276.
- ŠUGAR, I., PLAZIBAT, M., 1989: Vegetacija Gornjeg Pounja – biljnogeografski položaj raščlanjenost. Proc. »Minerali, stijene, izumrli i živi svijet. Zemaljski muzej Bosne i Hercegovine, Odjeljenje za prirodne nauke, Sarajevo, 387–397.
- PETRIČIĆ, J., KALOGJERA, Z., ŠUGAR, I., 1990: *Berberis croatica* – izolacija, identifikacija i određivanje berberina u kori korijena. Farm. Glasn. 46, 219–222.
- COMPS, B., THIEBAUT, B., ŠUGAR, I., TRINAJSTIĆ, I., PLAZIBAT, M., 1991: Genetic variation of the Croatian beech stands (*Fagus sylvatica*): spatial differentiation in connection with the environment. Ann. Sci. For. 48, 15–28.
- ŠUGAR, I., TRINAJSTIĆ, I., PAVLETIĆ, ZI., VIVODA, V., 1991: Evolution de la structure des herbages sous l'influence d'un pacage intensif par le gibier dans les îles de Brijuni (Croatie, Yougoslavie). Actes du 3^{eme} Congrès international des Terres de Parcours 1, 156–158. Montpellier.
- ŠUGAR, I., ZUPANČIĆ, M., TRINAJSTIĆ, I., PUNCER, I., 1995: Forêts thermophiles de chêne pubescent et de molinie (*Molinio-Quercetum pubescens* Šugar 1981) dans la zone limitrophe de Croatie et de Slovénie. Biol. Vestn. 40, 113–124.
- ŠUGAR, I., 1995: Prinos poznавању педолошких својстава травњачке и шумске вегетације Самоборског горја. Agronomski glasnik 1995: 233–255.
- HAZLER, K., COMPS, B., ŠUGAR, I., MELOVSKI, A., TASHEV, A., GRAČAN, J., 1997: Genetic structure of *Fagus sylvatica* L. Populations in Southeastern Europe. Silve Genetica 46, 229–239.
- ŠUGAR, I., 1997: Kritički prinosi хрватском биљном називљу. Šum. List 121, 3–12.
- ŠUGAR, I., 1998: Prinos pavlina razvitičku poljoprivrede i ljekarstva u Hrvatskoj s posebnim osvrtom na lepoglavske pavline. Lepoglavski zbornik 1996, 169–181.
- ŠUGAR, I., 1998: Les plantes stepiques dans la flore et dans la végétation des régions Dinariques de Croatie. Ecologia 29, 201–206.
- ŠUGAR, I., 2003: Prinosi хрватском биљном називљу из биљне систематике. Šum. list 127: 237–248.

II/ Books

- ŠUGAR, I., 1990: Latinsko-hrvatski i hrvatsko-latinski botanički leksikon. Terminološki riječnici JAZU, 1. Razred za filologiju JAZU. Zagreb.
- ŠUGAR, I., GOSTL, I., HAZLER-PILEPIĆ, K., 2002: Hrvatsko biljno nazivlje. Analiza hrvatskog biljnog nazivlja u kodeksu *Liber de simplicibus*. Hrvatska sveučilišna naklada. Zagreb.
- ŠUGAR, I., (ur.), Crvena knjiga biljnih vrsta Republike Hrvatske. Republički zavod za zaštitu prirode SR Hrvatske. Zagreb.

III/ Professional works, reviews, polemics

- ŠUGAR, I., 1983: Lotos u djelima grčkih i rimskih pisaca. Hortikultura 3–4, 25–30. Zagreb.
- ŠUGAR, I., 1983: *Glossarium botanicum latino-croaticum et croatico-latinum*. (Odgovor na kritiku G. Kraljevića; polemika) Živa Antika 31, 139–142.
- ŠUGAR, I., 1987: Biljni pokrov Jugoslavije. Veliki atlas Jugoslavije, 32–35. Sveučilišna naklada Liber. Zagreb.
- ŠUGAR, I., 1990/91: Priroda, čovjek i revolucija. Razmišljanja o revoluciji uz dvjestotu obljetnicu Francuske revolucije. Priroda 79/8, 11–12. Zagreb.
- ŠUGAR, I., 1995: Dogradnja bez temelja. Jezik 42, 89–96. Zagreb.
- ŠUGAR, I., 1999: Lujo Adamović – veličina i tragika jedne ličnosti. Državnost 3, 57–75. Zagreb.
- ŠUGAR, I., 2002: Zimzelen i vazdazelen u hrvatskom leksiku. Jezik 49, 104–108. Zagreb.
- Šugar, I., 2002: Čempres, uzvišeno stablo. Kozala: 150–160 (monografija). Komunalno društvo Kozala d.o.o. Rijeka.
- ŠUGAR, I., 2003: Naša posla. Šum. list 127, 416–421.

IV/ Versions

- LAZARA, P., PIZZETTI, M., 1985: Drveće. Mladinska knjiga (Adaptation and translation: I. Šugar). Mladinska knjiga. Ljubljana.
- STAFLEU, F. A., BONNER, C. E. B., McVAUGH, R., MEIKLE, R. D., ROLLINS, R. C., ROSS, R., SCHOPF, J. M., SCHULZE, G. M., VILMORIN, R. DE, VOSS, E. G., 1987: Međunarodni kodeks botaničke nomenklature. U »Međunarodni botanički kodeksi« uključen i Kodeks fitocenologjske nomenklature). Sveučilišna naklada »Liber«. Zagreb (translation from French: I. Šugar).

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