LOZA, D.F., polkovnik, Geroy Sovetskogo Soyuza

Tirelessly strengthen the defense of our country. Voen. znan. 38 no.4:13-14 Ap '62. (MIRA 15:4)
(Russia--Armed forces)

LOZA, Dmitriy Fedorovich; GARBUZ, Grigoriy Il'ich; SAZONOV, Ivan Fedorovich; SINYAYEV, A.D., red.

[The motorized rifle battalion in modern combat] Motostrelkovyi batal'on v sovremennom boiu. Moskva, Voenizdat, 1965. 331 p. (MIRA 18:8)

LOZA, E.

Penicillin therapy in combination with iodine compounds. Polski tygod.lek. 5 no.3:90-96 16 Ja '50. (CLML 19:3)

1. Of the Municipal Hospital for Skin and Venereological Diseases in Lodz (Director -- Prof. M.Mienicki, M.D.), of the Work-Room of Institute of Biochemistry at Lodz University (Head -- Prof. A. Dmochowski, M.D.), of the Venereological Dispensary of Social Medical Insurance Office in Lodz (Head -- Prof. A.Giminski, M.D.).

LOZA, E.

Experimental psoriasis. Polski tygod. lek. 7 no. 21:665-672 26 May 1952. (CLML 22:5)

1. Of the Institute of Biochemistry (Head--Prof. A. Dmochowski, M. D.) of the Department of Mathematics and Natural Sciences of Lodz University.

LOZA, E.

Infection of white mice with one of blood fractions taken from patients with psoriasis. Med. dosw. mikrob. 5 no.3:344-346 1953. (CIML 25:5)

1. Lodz.

LOZA, E.

Biochemical manifestations of cornification. Polski tygod. lek. 8 no.16:609-611; contd. 20 Apr 1953. (CLML 24:5)

1. Of the Institute of Biochemistry of the Mathematics and Natural Sciences Faculty of Lodz University (Head--Prof. Antoni Dmochowski, M.D.).

LOZA, E.

Chemical basis of viral etiology of psoriasis. Polski tygod. lek. 8 no.17:617-621; contd. 27 Apr 1953. (CIML 24:5)

1. Of the Institute of Biochemistry of the Mathematics and Natural Sciences Faculty of Lodz University (Head--Prof. Antoni Dmochowski, M.D.)

LOZA, E.

Biochemical aspects of cornification. Polski tygod. lek. 8 no.17:640-642; contd. Polski tygod. lek. 8 no.17:640-642; contd. 27 Apr 1953. (CLML 24:5)

1. Of the Institute of Biochemistry (Director--Prof. Antoni Dmochowski, M.D.) of th Mathematics a d Natural Sciences Faculty of Lodz University.

LOZA, E.

Chemical basis in viral etiology of psoriasis. Polski tygod. lek. 8 no. 18:660-663;concl. 4 May 1953. (CIML 25:1)

1. Of the Institute of Biochemistry (Head--Prof. A. Dmochowski, M.D.) of Mathematic-Natural Sciences Faculty of Lodz University.

LOZA, E.

Biochemical phenomenon of keratosis. Polski tygod. lek. 8 no.18:670-671; concl. 4 May 1953. (CLML 25:1)

1. Of the Institute of Biochemistry (Head--Prof. A. Dmochowski, M.D.) of Mathematic-Natural Sciences Faculty of Lodz University.

DMOCHOWSKI, Antoni; LOZA, Emil

Intrarectal infection of animals with viruses. Polski tygod.lek. 9 no.44:1427-1428 2 Nov 54.

1. Z Zakladu Biochemii Uniwersytetu Lodzkiego, kier. prof. dr. A.Dmochowski.
(VIRUS DISEASES, experimental, intrarectal infect.)

LOZA, Emil

DMOCHOWSKI, Antoni; LOZA, Emil; KRAJEWSKI, Tadeusz

Phosphorus content in fibrin of the blood in patients with psoriasis. Przegl. derm., Warsz. 6 no.6:513-523 Nov-Dec 56.

1. Z Zakladu Biochemii Uniwersytetu Lodzkiego, Kierownik: prof. dr. A. Dmochowski.

(PSORIASIS, blood in
fibrin, phosphorus content (Pol))
(FIBRIN
phosphorus content in psoriasis (Pol))
(PHOSPHORUS, metab.
content in fibrin in psoriasis (Pol))

LOZA, Emil

Histochemical detection of desoxyribonucleoproteins using Feulgen's method following application of so-called cold hydrolysis. Polski tygod. lek. 11 no.9:406-408 27 Feb 56.

1. Z Zakladu Biochemii Uniw. Lodzkiego; kier. prof. dr. A. Dmochowski Lodz, Sienkiewicza 34.
(NUCLEIC ACIDS, determination,
desoxyribonucleoproteins, Feulgen's method after cold hydrolysis. (Pol))

ŁOZA E.

EXCERPTA MEDICA Sec.5 Vol.10/4 Gen.Pathology Apr 57

1236. ŁOZA E. and DMOCHOWSKI A. Zakł. Biochem. Uniw. Łódź. *Obserwacje i badania sekcyjne zwierząt dóswiadczalnych, którym podawano doodbytniczo zawięsine krwinek osób chorych na gośćiec pierwotnie przewlekły. Study of experimental animals after rectal administration of a blood cell suspension from persons with rheumatoid arthritis POL. TYG. LEK. 1956, 11/35 (1529-1536) Tables 3 Illus. 7

White mice were used. The suspension was prepared with sterile saline. In all animals the same pathological syndrome appeared. In the control animals, who received blood cell suspension from healthy individuals, no pathological symptoms were observed. The experimental animals showed successively: (1) an increased mobility; (2) loss of weight and trophic changes; (3) progressive anaemia and cachexia with oedemas, paresis of the limbs, especially the hind-legs. It is suggested that the blood from patients with rheumatoid arthritis contains a thermolabile factor which may be transferred by a single rectal infusion to white mice.

Horst - Poznań

LOZA, E.

EXCERPTA MEDICA Sec.6 Vol.11/3 Internal Med. Mar 57

2066. LOZA E. and DMOCHOWSKI A. Zakł. Biochem. Uniw., Łódź. *O czynniku chorobotworczym w krwi chorych na gosciec pierwotnie przewlekly. Pathogenic factor in the blood of patients with rheumatoid arthritis POL.TYG.LEK. 1956, 11/37 (1581-1585)

A suspension of blood cells of patients with rheumatoid arthritis was administered rectally to white mice once or twice a day for a long time. The mice had a mesenchyme reaction in all tissues that were examined (liver, spleen, kidney, lung, myocardium), damaged nuclei, especially of the liver cells, and a thrombotic necrosis of the spleen. When the blood was first heated for 10 min. at 80°, this reaction did not occur, neither was it present after injection of blood cells of young healthy persons.

LOZA, Emil

Appearance of positive reactions in psoriatic scaled characteristic in detecting tissue peroxidases. Polski tygod. lek. 16 no.15:545-546 10 Ap '61.

1. Z Zakladu Biochemii Uniwersytetu Lodzkiego; kierownik: prof. dr Antoni Dmochowski.

(OXIDASES chem) (PSORIASIS metab)

LOZA, G.

2645f Zhergetika zlektrifitsiro-vannyk kolkhozov. Sots. Sel. Khoz-vo, 1949, No. 8, s. 13-23

SO: LETOPIS' NO. 35, 1949

Electrification of Kolkhozes

LOZA, G.

Tractors

Work practice of electric tractors. Kolkh.proiz. 12 No. 6 1952.

Monthly List of Russian Accessions Library of Congress October 1952. UNCLASSIFIED.

LOZA, G.

Tractors

Using electric tractors in agriculture. Sots.sel'khoz. 23 No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

LOZA, G.M., professor.

Twentieth Congress of the Communist Party of the Soviet Union and tasks of the Academy. Izv. TSKhA no.1:5-14 '56. (MLRA 9:10)

(Russia--Agricultural policy) (Agriculture--Study and teaching)

LOZA, G.

LOZA, G. Raising animals by the self-service method. Tr. from the Russian. p.27.

Vol. 11, no. 10, Oct. 1956
KOOPERATIVNO ZEMEDELIE
AGRICULTURE
Sofiia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

LOZA, G.M.; MOVSISYANTS, A.P., otv. za vypusk

[State farms during 40 years of the Soviet regime] Sovkhozy za 40 let sovetskoi vlasti. [Moskva, M-vo sel'.khoz.SSSR, 1957] 23 p. (MIRA 11:12)

(State farms)

LOZA, G.M.

LOZA, G.M., professor; SIZENKO, Ye.I., aspirant.

Organization and economic effectiveness of the use of electric combines. Izv.TSKhA no.1:187-199 '57. (MLRA 10:7)
(Combines (Agricultural machinery))
(Electricity in agriculture)

LOZA, G.M., prof.; SIZENKO, Ye.I., aspirant.

Organization and economic effectiveness of harvesting grain in separate stages [with summary in English]. Izv. TSKhA no.3: 247-262 '57. (MIRA 11:3)

(Grain--Harvesting)

LOZA, G.M.

LOZA, G.M., prof.

The academy on the 40th anniversary of Soviet rule [with summary in English]. Izv. TSKhA no.4:35-46 '57. (MIRA 11:1)

1. Rektor Sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva. (Timiriazev Agricultural Academy of Moscow)

USSR / General Division, Scientific Establishments A-3

Abs Jour: Ref Zhur-Biologiia, No 5, 1958, 188862

Author : Loza, G. M.

Inst : -

Title : The Moscow Order of Lenin imeni K. A. Timiriazev Agricultural Academy

Orig Pub: Vestn. s.-kh. nauki, 1957, No 7, 27-38

Abstract: No abstract

Card 1/1

SOKOLOV, N.I.; ANDRIANOVA, K.I., red.; BELOV, A.I., red.; DMITRIYEV, B.V., red.; LOZA, G.M., red.; UDOVENKO, Ye.Ya., red.; TSYPKIN, G.I., red.

[Problems in the economy and organization of production on state farms in Kazakhstan] Voprosy ekonomiki i organizatsii sel'skokhoziaistvennogo proizvodstva v sovkhozakh Kazakhstana. Alma-Ata, 1958. 200 p. (MIRA 12:2)

1. Kazakh S.S.R. Upravleniye sel'skokhozyaystvennoy nauki i propagandy. 2. Nachal'nik planovo-ekonomicheskogo upravleniya Ministerstva sel'skogo khozyaystva Kazakhskoy SSR (for Sokolov). 3. Direktor Kazakhskogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Belov).
(Kazakhstan--State farms)

KOLESNEV, S.G., akademik, red.; LAPTEV, I.D., red.; LOZA, G.M., prof., red.; MEL'NIKOV, V.F., kand.ekon.nauk, red.; MOISEYEV, M.I., red.; IVANOVA, A., red.; SMIRNOVA, Ye., tekhn.red.; PEVZNER, V., tekhn.red.

[Triumphs of socialist agriculture in the U.S.S.R.] Pobedy sotsialisticheskogo sel'skogo khoziaistva SSSR. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1958. 430 p. (MIRA 11:12)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.V.I. Lenina (for Kolesnev). 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyastvennykh nauk im.V.I.Lenina (for Moiseyev).
(Agriculture)

Loza, G.M.

3-58-4-2/34

AUTHOR: Loza, G.M., Professor, Rector of the Moscow Agricultural Academy imeni K.A. Timiryazev

TITLE: The Resolution of the TsK KPSS February Plenum and the Tasks of the Agricultural Vuzes (Postanovleniye fevral'skogo plenuma TsK KPSS i zadachi sel'skokhozyaystvennykh vuzov)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 4, pp 6 - 9 (USSR)

ABSTRACT: The article deals with the reorganization of machine-tractor stations. The machinery is being transferred to the kolkhozes. This step will stimulate initiative and thereby increase production.

The machine tractor stations are gradually being reorgazed into Technical Repair Stations (RTS) which for a fee will effect complicated technical repairs for the kolkhozes, furnish them with new machines, spare parts, fuel, fertilizers, insecticides, and other materials.

With the reorganization of the MTS, and the sale of tractors and machinery to the kolkhozes, the plans of the agricultural vuzes scientific-research work must be extended

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The Resolution of the TsK KPSS February Plenum and the Tasks of the Agricultural Vuzes

to include technical, organizational and economic questions.

It will now be necessary for industry and workers in mechanization to design and manufacture more efficient agricultural machinery.

Above all, the kolkhozes, sovkhozes and RTS require agronomists, zootechnicians and engineer-mechanics. This will have to be kept in mind when planning new admissions to agricultural vuzes and, also when assigning students of junior courses to specialties.

Other specialists, such as agronomists-fruit and vegetable growers, soil scientists-agricultural chemists, agronomists for the protection of the plants, seed growers, engineer-electricians, engineer-meliorators, etc. are only in demand by the big specialized kolkhozes and sovkhozes, and state organizations serving kolkhozes and sovkhozes. It is therefore advisable to concentrate their training at a few specialized vuzes.

Agricultural economists and economist-bookkeepers are also required by the big kolkhozes and sovkhozes.

3-58-4-2/34

The Resolution of the TsK KPSS February Plenum and the Tasks of the Agricultural Vuzes

ASSOCIATION: Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva (Moscow Agricultural Academy imeni K.A. Timiryazev)

AVAILABLE: Library of Congress

Card 3/3

LOZA, G.M., prof.; FEFELOV, V.P., aspirant

Determining the economic effectiveness of agricultural machinery (based on the evaluation of machinery in the over-all mechanization of corn cultivation). Izv. TSKhA no.4:187-208 '58. (MIRA 11:10)
(Agricultural machinery)

MATSKEVICH, V.V., LOBANOV, P.P., CHEKMENEV, Ye.M., SKRYABIN, K.I., LOZA, G.M., POPOV, I.S., PEROV, S.S., SINYAGIN, I.I., YAKUSHKIN, I.V., NIKOLAYEV, A.I., ROSTOVTSEV, N.F., YUDIN, V.M., POPOV, N.F., RED'KIN, A.P., SMETNEV, S.I.

E.F.Liskun. Dokl. Akad. sel'khoz. 23 no. 5:48 '58. (MIRA 11:8)
(Liskun, Efim Fedotovich, 1873-1958)

LOZA, G.M., prof.; FEFELOV, V.P., kand.ekonomicheskikh nauk

Evaluating the quality of performance of agricultural machines on the basis of the economic effectiveness of their use. Izv. TSKhA no.2:27-38 '60. (MIRA 14:4)

(Agricultural machinery)

LOZA, G.M., akademik

Economic and organizational principles of state farm management [with summary in English]. Izv. TSKhA no.4 '60.
(MIRA 13:9)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. Lenina.
(State farms)

LOBANOV, P.; LOZA, G.; CHIZHEVSKIY, M.; VOROB'YEV, S.; VIL'YAMS, V.; SOBOLEV, G.; PAVLOV, G.; GARKUSHA, I.; FRANTSESSON, V.; MERSHIN, A.; PERSHINA, M.

Vladimir Petrovich Bushinskii. Zemledelie 8 no.7:94-95 Jl '60. (MIRA 13:9)

(Bushinskii, Vladimir Petrovich, 1885-1960)

IOZA, G.M., akademik

Improving the education of high-level agricultural specialists. Izv. TSKhA no.1:7-13 '61. (MIRA 14:3)

1. Rektor Timiryazevskoy sel'skokhozyaystvennoy akademii; Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina.
(Agricultural education)

LOZA, G.M., akademik; GUZHVIN, P.F., assistent

Organization of state farms in connection with specialization and of production. Izv. TSKhA no.1:160-176 '61. (MIRA 14:3)

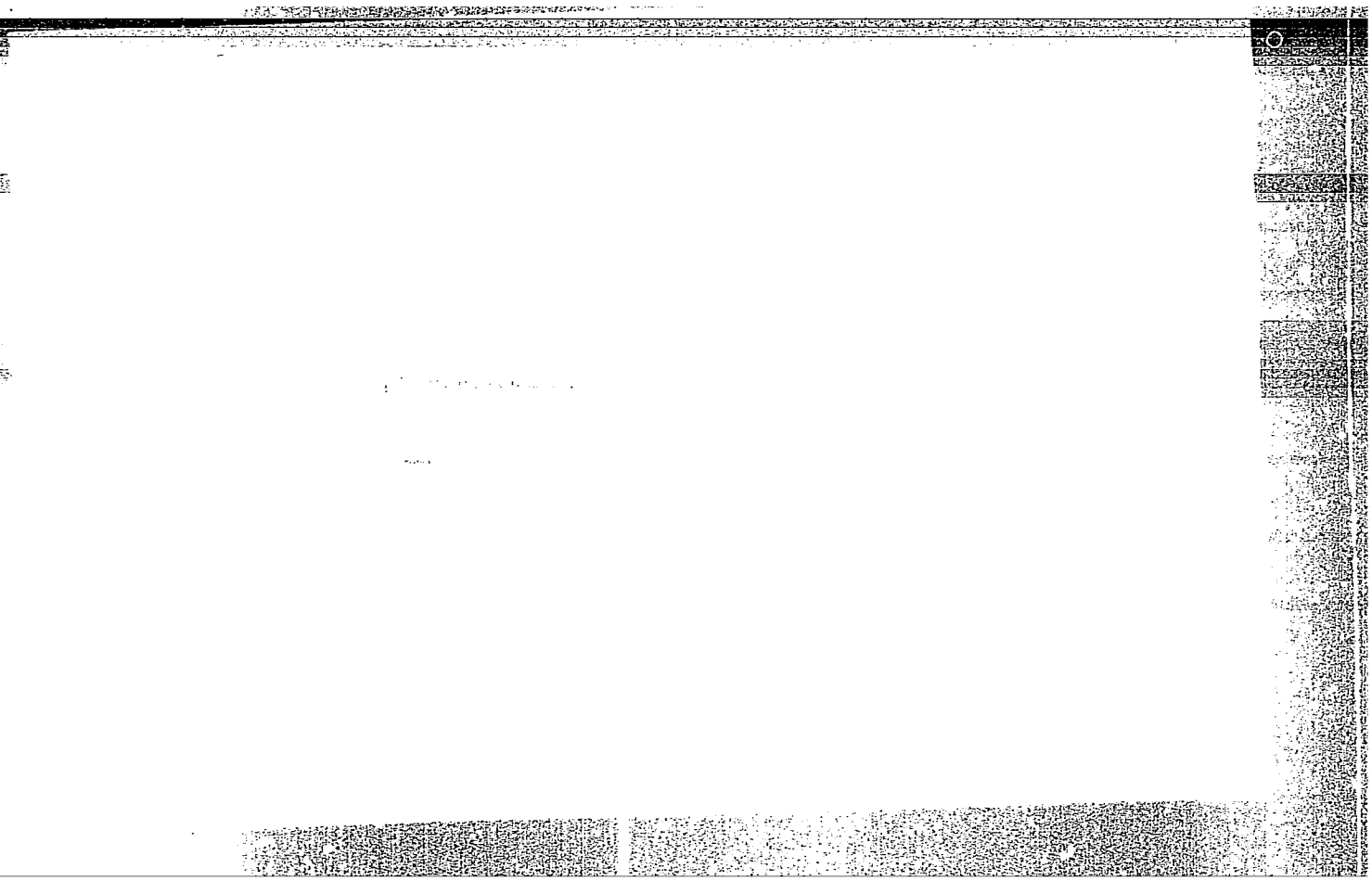
1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Loza).

(State farms)

LOZA, G.M.

[Work practices of state farms and participants of the All-Union Agricultural Exhibition of 1939] Opyt raboty sovkhozov, uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki 1939 g. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1946. 85 p. (MIRA 15:2)

(State farms)



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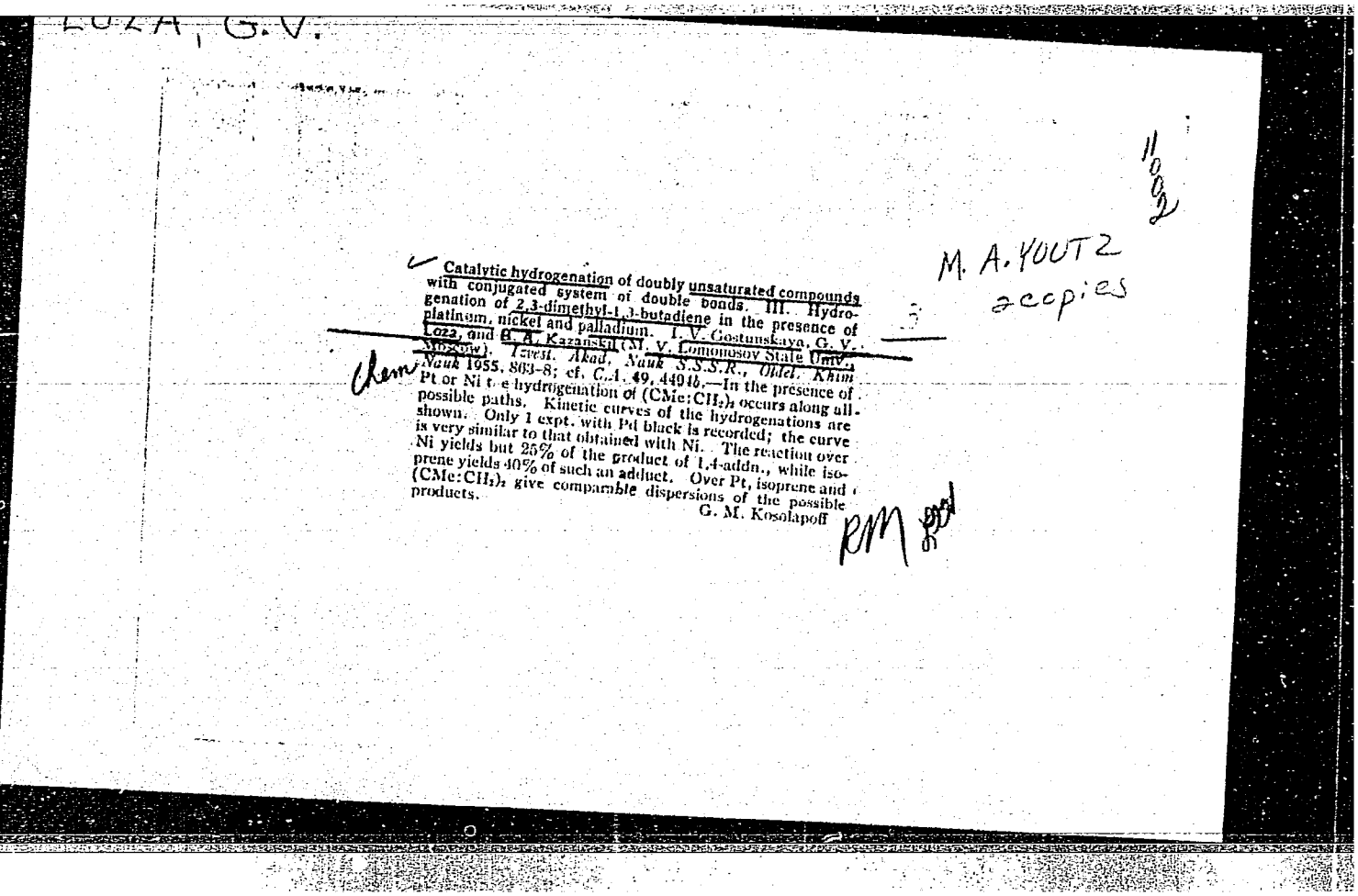

LOZA, G.V.

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M. A. YOUTZ
2 copies

Chem

Catalytic hydrogenation of doubly unsaturated compounds with conjugated system of double bonds. III. Hydrogenation of 2,3-dimethyl-1,3-butadiene in the presence of platinum, nickel and palladium. I. V. Gostunskaya, G. V. Loza, and B. A. Kazanskii (M. V. Lomonosov State Univ., Moscow). *Izvest. Akad. Nauk S.S.S.R., Otdel. Khim Nauk* 1955, 803–8; cf. *C.A.* 49, 4404*b*.—In the presence of Pt or Ni the hydrogenation of $(CMe:CH_2)_2$ occurs along all possible paths. Kinetic curves of the hydrogenations are shown. Only 1 expt. with Pd black is recorded; the curve is very similar to that obtained with Ni. The reaction over Ni yields but 25% of the product of 1,4-addn., while isoprene yields 40% of such an adduct. Over Pt, isoprene and $(CMe:CH_2)_2$ give comparable dispersions of the possible products.

G. M. Kosolapoff

RM

SOV/20-120-4-28/67

AUTHORS: Liberman, A. L., Loza, G. V., Chang Ming-nan, Kazanskiy, B. A., Member, Academy of Sciences, USSR

TITLE: Catalytic Cyclisation of n-Pentane and n-Hexane Under Formation of a Five-Membered Ring (Kataliticheskaya tsiklizatsiya n-pentana i n-gekcana s obrazovaniyem pyatichlennogo tsikla)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 4, pp. 789-792 (USSR)

ABSTRACT: In several papers the authors proved that paraffin hydrocarbons can easily be cyclisated into cyclopentane homologues in the presence of platinised coal (Refs 1 - 5). The yields in cyclopentanes depend to a great extent on the structure of the initial substances. n-pentane is particularly interesting since its behavior is quite different from that of all its investigated homologues whereas n-hexane can be cyclisated like n-octane. From the point of view of thermodynamical experience n-pentane is an exception (content 30 - 34 % instead of only 6 % in a thermodynamical system of equilibrium of n-pentane - cyclopentane at 500°K). At 310° n-pentane remains unchanged on a

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Catalytic Cyclisation of n-Pentane and n-Hexane Under Formation of a Five-Membered Ring

freshly prepared catalyst. The reaction sets in at 350°, however, still in a small yield. The reaction was carried on tentatively for several days. Strangely in the top fraction of the fractionation 25 - 30 % isopentane (1,7 % of the entire catalysate) was determined. Hitherto reliable proofs for the isomerisation of paraffin hydrocarbons on platinum-plated coal have been lacking. The authors criticize the frequently mentioned paper by Yu. K. Yur'yev and P. Ya. Pavlov (Ref 6) since they believe that the isoparaffins of those 2 authors were secondary products. As far as in hydrogenolysis of cyclopentane only n-pentane can be formed the occurrence of isopentane in the catalysate is due to a direct isomerisation. There are 4 tables and 9 references, 8 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR
(Institute of Organic Chemistry imeni N. D. Zelinskiy AS USSR)

SOV/20-120-4-28/67

Catalytic Cyclisation of n-Pentane and n-Hexane Under Formation of a Five-Membered Ring

SUBMITTED: February 26, 1958

1. Pentanes--Catalysis 2. Cyclohexanes--Catalysis 3. Methanes --Molecular structure 4. Methanes--Isomerism

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SOV/62-59-6-19/36

5 (3)

AUTHORS: Kazanskiy, B. A., Liberman, A. L., Loza, G. V., Kuznetsova, I. M., Aleksanyan, V. T., Sterin, Kh. Ye.

TITLE: Catalytic Cyclization of n-Octane With Formation of the Homologs of the Cyclopentane (Kataliticheskaya tsiklizatsiya n. oktana s obrazovaniyem gomologov tsiklopentana)

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1959, Nr 6, pp 1071 - 1078 (USSR)

ABSTRACT: By the action of a platinum catalyst n-octane forms the cyclic compounds: 1-methyl-2-ethylcyclopentane and n-propylcyclopentane. The present investigation dealt with the cyclization process and the spatial structure of the compounds produced by cyclization. For the purpose of this cyclization n-octane was for five hours passed through platinated coal with a passage rate of 0.2/hour at 310°. Two samples of the catalyst were used in parallel. In contrast to ramificated isomers cyclization of n-octane is fairly difficult. The yield on both catalysts was only 2.2 and 4.5%, respectively. The cyclic product could be enriched by distilling the catalysate. An investigation by means of the Raman spectrum showed that there was trans-1-methyl-2-

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ethylcyclopentene in the lower boiling fraction, and n-propylcyclopentene in the residue. The cis-form of the first mentioned compound could not be discovered. Apart from the compounds mentioned, there were still small quantities of 4-methylheptane to be observed. Furthermore, a line (762 cm^{-1}) was discovered, which was assigned to the pentalane bicyclo-[0,3,3]-octane. This could, however, not yet be proved owing to the difficulties that arise in the production of the pentalane. Since the Raman spectra of the two cyclic compounds obtained are yet hardly known, the single compounds were synthetized in pure form and plotted separately. The synthesis was carried out according to a method which was worked out in the institute mentioned in the Association, with the only difference that instead of aluminum oxide, silica gel was used for isomerisation. In the experimental part the production of the different substances is described in detail. The properties of and the yield in catalysates, obtained from n-octane, are compiled in table 1. Table 2 gives the data concerning the substances produced by distillation. When analyzing the catalysates, distillates,

Catalytic Cyclization of n-Octane With Formation of the Homologs of the Cyclopentane SOV/62-59-6-19/36

and residues from n-octane it is shown that about the same portions are obtained for both compounds. There are 2 tables and 12 references, 10 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR i Komissiya po spektroskopii Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences, USSR, and Committee for Spectroscopy of the Academy of Sciences, USSR)

SUBMITTED: August 15, 1957

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66420

~~5 (3)~~ 5.3300 SOV/20-128-6-25/63

AUTHORS: Kazanskiy, B. A., Academician, Liberman, A. L., Loza, G. V., Vasina, T. V.

TITLE: Parallel Formation of Five- and Six-membered Cycles of Paraffins (C_5- and C_6-Dehydrocyclization) on Platinized Charcoal

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 6, pp 1188 - 1191 (USSR)

ABSTRACT: Three different possibilities of cyclization of paraffins have become known: a) Dehydrocyclization with a direct formation of aromatic hydrocarbons (B. A. Kazanskiy and A. F. Plate, Ref 1); b) conversion into a corresponding cyclohexane hydrocarbon; c) aromatization of the compound formed as under b). Since 1954 (Refs 5,6) it has been known that besides aromatic hydrocarbons also the corresponding cyclopentane homologa are formed on platinized charcoal from n-heptane and n-octane. They were particularly formed from branched paraffins with 5 C-atoms in the principal chain (Refs 7-9). The formation mechanism had to be more complicated here: either an isomerization with formation of a longer chain had taken place before, or the aromatization mentioned under c) had occurred. The former assumption is little

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Parallel Formation of Five- and Six-membered Cycles of Paraffins (C_5- and C_6-Dehydrocyclization) on Platinized Charcoal

probable, the case c), however, is confirmed by experiment. Thus, one cyclopentane hydrocarbon (Ref 8) - 1,1,3-trimethyl cyclopentane - and 3 aromatic hydrocarbons - m- and p-xylene, and toluene - are formed from the isooctane (see Diagram). The assumption saying that aromatic hydrocarbons are formed by the extension of a five-membered ring is further confirmed by a similar conversion of the 2,2,3-trimethyl pentane. As was expected, there was almost no p-xylene in this case. As there were no publications on direct proofs of such a ring extension in the said simple systems and under mild conditions, the authors carried out a direct experiment with 1,1,3-trimethyl cyclopentane without carrier gas. Here, the same aromatic substances were formed as from isooctane, though in a slightly different proportion. The parallel experiments carried out here with 1,1,3-trimethyl cyclopentane and n-propyl cyclopentane yielded more aromatic substances from the former. This confirms the assumption that the ring is mainly extended at the expense of the geminal methyl groups. Moreover, it was assumed (Refs 13, 14) that aromatic hydrocarbons may develop from paraffins with

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Parallel Formation of Five- and Six-membered Cycles of Paraffins (C_5- and C_6-Dehydrocyclization) on Platinized Charcoal SOV/20-128-6-25/63

6 and more C-atoms in a straight chain via intermediate products with a 5-membered ring. But this has never been confirmed. The experiment with 2,5-dimethyl hexane delivered 95% p-xylene and 5% m-xylene. Thus, the majority of the aromatic substances developed, in this case, by a direct closing of the paraffin chain to a 6-membered cycle without an intermediate stage of the cyclopentane hydrocarbon. On the strength of this, the authors state that here 2 independent parallel cyclization reactions of paraffins are possible. They designate them as mentioned in the title (in parentheses). There are 16 references, 14 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences, USSR)

SUBMITTED: July 8, 1959

Card 3/3

KAZANSKIY, B.A.; LUKINA, N.Yu.; NAKHAPETYAN, L.A.; ZOTOVA, S.V.; LOZA, G.V.; SHATENSHTEYN, G.A.; OVODOVA, V.A.; UVAROV, O.V.; SOKOLOV, N.M.; SMOL'NIKOV, V.P.

Production of high purity cyclopropane. Khim. prom. no. 6:462-465 S '60. (MIRA 13:11)

(Cyclopropane)

KAZANSKIY, B.A., akademik; LIBERMAN, A.L.; KUZNETSOVA, I.M.; ALEKSANYAN, V.T.; STERIN, Kh.Ye.; LOZA, G.V.

C_6-Dehydrocyclization of alkyl cyclopentanes into bicyclic hydrocarbons. Dokl.AN SSSR 133 no.2:364-366 Jl '60. (MIRA 13:7)

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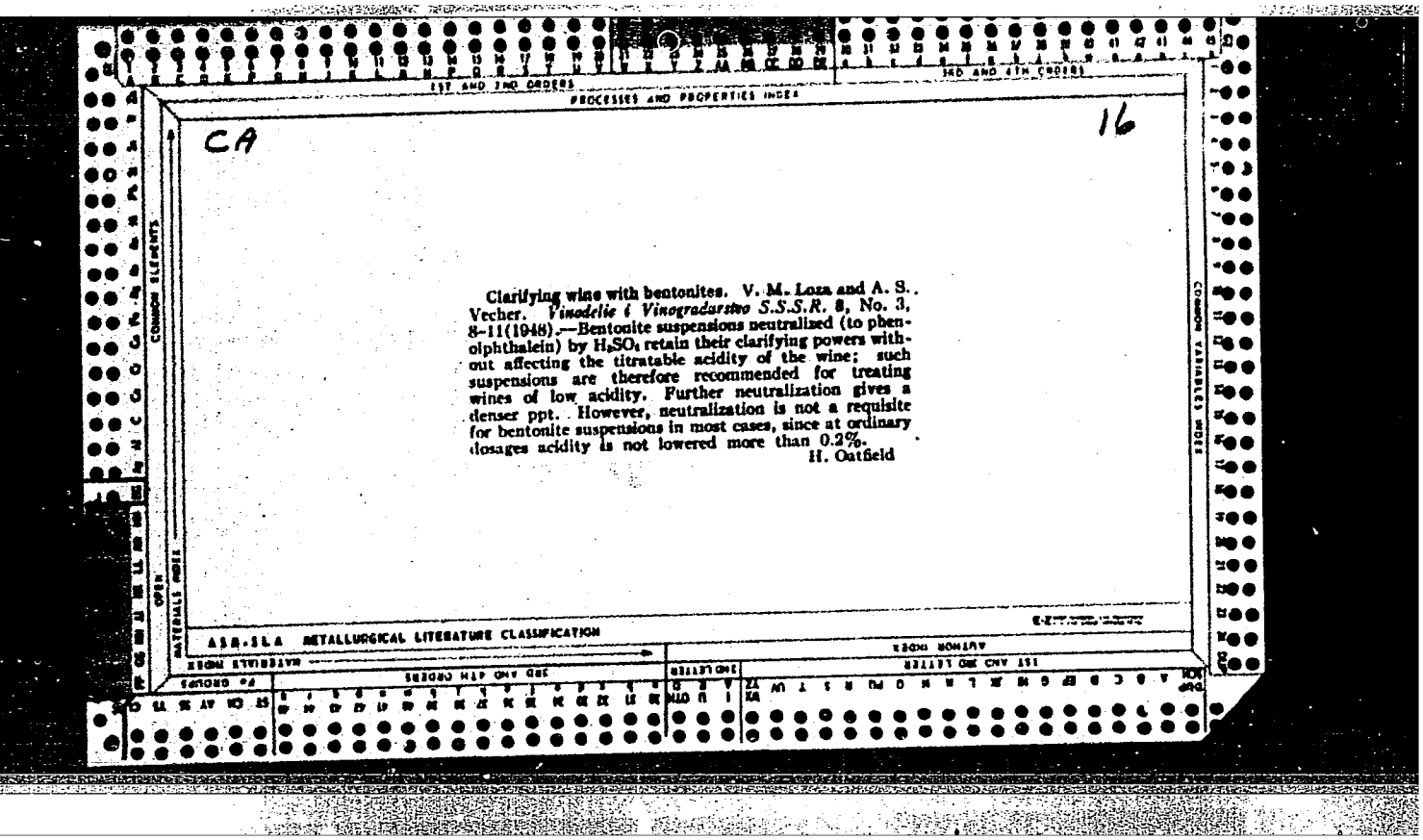

CA

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H. Oatfield

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21829 LOZA, V. M. Nekotoryye dannyye o Teplovoy obrabotke sukhikh vin "Myskhako". Trudy Krasnodarsk. in-ta pishch. prom-sti, vyp. 6, 1949, s. 201-02.

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Effectiveness of various bentonites in the clarification of wine. V. M. Lees and A. S. Vecher. *Vinodelie i Vinogradarstvo S.S.S.R.* 10, No. 7, 35-9(1950); cf. *C.A.* 43, 3852e.—Since it was known that the capacity for intracryst. expansion is an important factor on the effectiveness of the clarification of wines with bentonite (I), this property of various bentonites was studied. The bentonites used were gray "oganlinskil," "Shor-su," "Askankil," "Paraskarskaya," and Crimean bentonite. Since the intracryst. expansibility of the I seems to depend on its montmorillonite (II) content, the content of II in the various samples of I was detd. The colorimetric reaction of benzidine with II was used as an indication of the amt. of II present. Oganskii I gave the strongest reaction and in decreasing order of reaction came Askanskil, Crimean, Shor-su, and Paraskarskaya I. Paraskarskaya I was excluded from the investigation because of its low II content and its high carbonate content. For effective clarification of wines, I must be at least 90% colloid. The Crimean I, although having a satisfactory swelling capacity, especially after treatment with alkali, had only 18% colloid and was therefore unsuitable. The cation-exchange values for the various I samples vary from 92 to 100 equiv. per 100 g. The various samples of I are compared in their speed and completeness of wine clarification and these values are correlated with phys. and chem. properties of the sample. I is used in doses of 100–200 g. per decaliter. Treatment of red wine with I decreases color intensity, while the color of other wines, particularly young wine, is either unaffected or intensified. I is more suitable than isinglass for wine clarification. Clarification with I improves the taste and mellowness of most wines.

S. Gottlieb

When to take off wine from the yeasts. V. M. Loza and V. M. Sautin (Inst. Food Ind., Krasnodarsk). *Vinodelie i Vinogradarstvo S.S.S.R.*, 10, No. 9, 14–16(1950).—By prolonged keeping of fresh wine on yeasts the organoleptic qualities of the product are increased, though the

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Effect of ascorbic acid on the oxidation-reduction potential and quality of bulk process champagne. Biokhim. vin. no.5:62-78 '57.

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(Ascorbic acid) (Champagne (Wine)) (MLRA 10:6)
(Oxidation-reduction reaction)

FECHER, A.S.; LOZA, V.M.

Effect of ascorbic acid on champagne wines. Izv. vys.ucheb. zav.; pishch. tekh. no. 2:24-33 '58. (MIRA 11:10)

1. Krasnodarskiy institut pishchevoy promyshlennosti, Kafedra fizicheskoy i kolloidnoy khimii i Kafedra tekhnologii vinodeliya.
(Champagne(Wine))
(Ascorbin acid)

LOZA, V.M.

Using yeast autolysis in the production of white table wines. Izv.vys.ucheb.zav.:pishch.tekh. no.5:91-99 '58. (MIRA 11:12)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii vinodeliya.
(Wine and wine making)

LOZA, V. M., (USSR)

"The Oxidative Autolysis of Yeast and its Use in the Production of Sherry-Type Wines."

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Using the bottle method for champagnizing lysate wine materials.
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(Champagne (Wine))

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Effect of ascorbic acid on the redox potential and quality of the wine in case of its champagnizing with the bottle method. Trudy KIPP no.22:139-150 '61. (MIRA 16:4)
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(Wine and winemaking)

LOZA, V.M.

Using yeast autolysis in the making of white table wine.
Trudy KIPP no.22:180-187 '61. (MIRA 16:4)
(Wine and winemaking)

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(MIRA 16:4)

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1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii vinodeliya.

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1. Krasnodarskiy politekhnicheskiy institut, kafedra tekhnologii vinodeliya.

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(MIRA 18:10)

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1. Institut zoologii AN Moldavskoy SSR, Kishinev.

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1. Institute of Biology, Moldavian Branch of the U.S.S.R. Academy of Sciences, Kishinev.
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(MIRA 17:11)

1. Institut zoologii AN Moldavskoy SSSR, Kishinev.

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SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: Institute for Invasion Diseases of the Faculty of Veterinary Medicine (Institut za invazione bolesti Veterinarskog fakulteta), Belgrade

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(IRIS, dis.
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LOZANIC, Vojislav

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1. Predstavleno akad. D.Orakhovats.

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(SLEEP physiol.)
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